

**CITY OF DUARTE
AGENDA
REGULAR JOINT MEETING OF THE
CITY COUNCIL/HOUSING AUTHORITY/DUARTE
COMMUNITY FACILITIES FINANCING
AUTHORITY**

**CITY COUNCIL CHAMBERS
1600 HUNTINGTON DRIVE, DUARTE, CA 91010
Tuesday, September 23, 2025
7:00 PM**

MISSION STATEMENT

With integrity and transparency, the City of Duarte provides exemplary public services in a caring and fiscally responsible manner with a commitment to our community's future.

Cesar A. Garcia, Mayor
Tera Martin Del Campo, Mayor Pro Tem
Margaret Finlay, Councilmember
Samuel Kang, Councilmember
Toney Lewis, Councilmember
Vinh Truong, Councilmember
Martin Calderon, Councilmember

City/Authority Staff:
Brian Villalobos, City Manager
Kristen Petersen, Assistant City Manager and Director of Administrative Services
Craig Hensley, Director of Community Development
Manuel Enriquez, Director of Parks and Recreation
Larry Breceda, Director of Public Safety Services
Thai Viet Phan, City Attorney
Frances Jimenez, City Clerk

ADA ACCESSIBILITY NOTICE:

In compliance with the Americans with Disabilities Act, if you need assistance to participate in this meeting, you should contact the City Manager's office at (626) 357-7931. Notification no later than 1:00 p.m. on the day preceding the meeting will enable the City to make reasonable arrangements to assist your accessibility to this meeting.

Notice:

Any documents distributed by the City/Authorities to a majority of the City Council/Housing Authority/Financing Authority Board less than 72 hours prior to the City Council/Housing Authority/Financing Authority meeting will be made available for public inspection at City Hall,

1600 Huntington Drive, Duarte, CA 91010, during normal business hours, except such documents that relate to closed session items or which are otherwise exempt from disclosure under applicable law.

Notice:

Duarte City Council meetings are videotaped for later broadcast. Attendance at the meeting constitutes consent by members of the public to the City's and any third party's use in any media, without compensation or further notice, of audio, video, and/or pictures of meeting attendees.

Members of the public may livestream the City Council meeting broadcast on the City's website. To access the meeting, log onto <https://www.cityofduarte.ca.gov/home>, then on the homepage, click on the Agendas & Meetings icon then click on the City Council Meeting link.

Public comment:

In-Person: Members of the public may provide in-person comments at the podium in the Council Chamber. Speakers who wish to address the Council must do so by submitting a speaker card **prior to the start of Closed Session for Closed Session items and prior to the start of the Regular Meeting for all other designated public comment periods as listed below.** Comments for public hearings will take place after the hearing is opened. Cards will not be accepted after the start of the meeting without the permission of the presiding chair. **Speakers shall be limited to three (3) minutes per person per designated public comment period.** At the Mayor's discretion, the time limit may be shortened to allow all speakers the opportunity to address the City Council.

Written: Members of the public may submit written comment by emailing duarteinfo@cityofduarte.ca.gov, prior to 4:00 p.m. on the day of the meeting. The subject line of your public comment email must contain the Agenda item number or title. Public comments, including personal contact information, are considered public record. Please do not provide any personal information (i.e. phone numbers, addresses, etc.) that you do not want to be published. Comments will be distributed to the City Council and made available for public review.

7:00 PM OPEN SESSION

1. CALL TO ORDER AND ROLL CALL
 - A. City Manager Written Comments
2. ADOPTION OF THE AGENDA
3. PLEDGE TO THE FLAG
4. SPECIAL ITEMS - NONE
5. ANNOUNCEMENTS OF UPCOMING COMMUNITY EVENTS

6. ORAL COMMUNICATIONS - ITEMS NOT ON THE AGENDA

Members of the public may address the City Council on matters which are not on the agenda but are within the subject matter jurisdiction of the City Council. Speakers shall be limited to three (3) minutes per person per designated public comment period. At the discretion of the presiding Chair, the time limit may be shortened to allow all speakers the opportunity to address the City Council.

7. ORAL COMMUNICATIONS - CONSENT CALENDAR

Members of the public may address the City Council on agenda items listed on the Consent Calendar. Speakers shall be limited to three (3) minutes per person per designated public comment period. At the discretion of the presiding Chair, the time limit may be shortened to allow all speakers the opportunity to address the City Council.

8. CONSENT CALENDAR

- A. Motion to read all Resolutions and Ordinances presented for consideration by Title only and waive further reading (CC/HA/FA)

- B. Approve absence(s) of City Councilmember(s) from the City Council meeting

- C. Approval of Minutes - September 9, 2025 Regular Meeting (CC/HA/FA)

Recommended Action: Approve the minutes of September 9, 2025.

- D. Approval of Warrants - September 23, 2025 (CC/HA/FA)

Recommended Action: Approve the warrants of September 23, 2025.

- E. Public Safety Department Update

Recommended Action: Receive and File the Public Safety Department Update.

- F. Professional Services Agreement with Dahlin Group, Inc. for Design Services for Phase II of the Duarte Park Revitalization Project

Recommended Action: 1) Authorize the City Manager to execute this Professional Services Agreement with Dalhin Group, Inc. for design services of Phase II of the Duarte Park Revitalization Project and 2) Approve a budget amendment of \$63,200.

- G. Notice of Completion: Fiscal Year 24-25 Street Rehabilitation Project No. 25-6 for ONYX Paving Company Inc.

Recommended Action: Accept the project as complete in the amount of \$1,030,274.33.

- H. Notice of Completion: Huntington Drive Median Islands Landscape Improvements

Project, No. 25-5, for FS Contractors, Inc.

Recommended Action: 1) Accept the project as complete in the amount of \$2,561,282.92 and 2) Approve a budget amendment to the General Fund in the amount of \$28,833.42.

I. Approval of Lodging for California League of Cities Annual Conference

Recommended Action: Approve overnight lodging accommodations for Director of Public Safety Services, Larry Breceda, to attend the California League of Cities Annual Conference in Long Beach, California from October 8–10, 2025.

J. Award of Contract - Duarte Teen Center Roof Replacement – Project No. 26-8

Recommended Action: Award the construction contract for the Duarte Teen Center Roof Replacement to Commercial & Industrial Roofing Co Inc., as the lowest responsive and responsible bidder, in the amount of \$190,046, plus a fifteen percent contingency.

9. ITEMS REMOVED FROM CONSENT CALENDAR FOR DISCUSSION

10. PUBLIC HEARINGS

A. Andres Duarte School Project

Recommended Action: Certify and approve the Final Environmental Impact Report (Resolution 25-19) and approve: General Plan Amendment 24-02 (Resolution 25-20); Tentative Parcel Map 24-01 (Resolution 25-21); Site Plan and Design Review 25-19 (Resolution 25-22); and Planned Development Permit 24-01 (Resolution 25-23) and Introduce Ordinance 25-04 (Zone Change 24-02).

11. BUSINESS ITEMS - NONE

12. ITEMS FROM CITY COUNCIL/HOUSING AUTHORITY/FINANCING AUTHORITY MEMBERS AND CITY MANAGER/EXECUTIVE DIRECTOR/REPORTS OF MEETINGS ATTENDED PER GOVERNMENT CODE SECTION 53232.3

13. ADJOURNMENT

AFFIDAVIT OF POSTING

I hereby certify under penalty of perjury under the laws of the State of California, that the foregoing Agenda was posted at the following locations: City Hall – 1600 Huntington Drive, Duarte Public Safety Department – 1042 Huntington Drive, Duarte Library – 1301 Buena Vista Street, and the City of Duarte website (<https://www.cityofduarte.ca.gov/>) not less than 72 hours prior to the meeting per Government Code 54954.2.

Dated this 17th day of September 2025.

Frances Jimenez
City Clerk



MEMORANDUM

TO: City Council
FROM: Brian Villalobos, City Manager
DATE: September 16, 2025
SUBJECT: Comments on Agenda Items, Meeting of September 23, 2025

ITEM 8.E. (Consent Calendar). The Public Safety Department has submitted the monthly report for September 2025 for review.

ITEM 8.F. (Consent Calendar). Professional Services Agreement with Dahlin Group, Inc. for Design Services for Phase II of the Duarte Park Revitalization Project - In March of 2024, the City Council received and approved the final conceptual site design plan for the Duarte Park Revitalization Project. Funding for Phase One, the Duarte Teen Center Boxing Patio Extension, was allocated and approved by the Council in the Fiscal Year 2024/25 budget. Construction documents have recently been completed, and the project is tentatively scheduled to go out for public bid next month. The City Council included funding for the design services for Phase Two of the Duarte Park Revitalization Project in the current Fiscal Year 2025/26 budget. Phase Two includes the design and construction documents of an inclusive playground with appropriate surfacing, a park gazebo, restrooms, a designated off-leash dog park area for both small and large dogs, a basketball court, park monument signage, landscaping enhancements, and security lighting. To support the City with design development and construction documents for this second phase of the project, including bidding support services, staff is recommending securing the design services of Dahlin Group, Inc. With 47 years of design expertise and over 70 municipal projects completed, Dahlin has a proven track record. Construction documents should be completed by April 2026, so that the City Council can consider construction funding in the fiscal year 2026/27 budget process. While the total cost for Dahlin's design services is being recommended to be funded out of the General Fund, City staff is actively in discussion with the Los Angeles County Regional Park and Open Space District to potentially apply the City's Measure A Annual Allocation funding towards this project cost. Staff will provide updates to the City Council should the grant application be approved. The cost for Dahlin Group, Inc.'s professional design services is \$312,000, plus a 10% contingency for a total budget of \$343,200. A budget amendment of \$63,200 is required, increasing the budgeted amount in FY 2025/26 from \$280,000 to \$343,200 (100-1605-7965).

ITEM 8.G. (Consent Calendar). Notice of Completion: Fiscal Year 24-25 Street Rehabilitation Project No. 25-6 for ONYX Paving Company Inc. - On April 8, 2025, City Council awarded the contract for FY 24-25 Street Rehabilitation Project to ONYX Paving Company Inc. The scope of the work includes the rehabilitation of the existing asphalt roadway with rubberized asphalt and removal and reconstruction of localized failed pavement. All pavement markings and striping were replaced with reflective thermoplastic. Lastly the project included the installation of ADA ramps, reconstruction of cross gutters and removal and replacement of broken and off grade sidewalk. The Fiscal Year 24-25 Street Rehabilitation Project was included in the 24-25 Capital Improvement Program Budget and was funded by the Measure M, SB1, and Measure R allocations. City Council approved the contract with a 10% contingency for \$1,112,100.00 and the final project cost was \$1,030,274.33.

ITEM 8.H. (Consent Calendar). Notice of Completion: Huntington Drive Median Islands Landscape Improvement Project No. 25-5 for FS Contractors, Inc. - On November 12th, 2024, the City awarded the contract for the Huntington Drive Median Islands Landscape Improvements Project to FS Contractors. The project included the removal of existing concrete, turf, and selective trees and shrubs to install new decorative rock, mulch, and water efficient landscaping. A total of 42 new trees and 2,540 drought resistant plants were planted along the 28 islands on Huntington Drive stretching from Mountain Ave to Encanto Parkway. All changes due to unforeseen field conditions were within the project's approved 15 percent contingency. However, the median modifications at 1230 E. Huntington Dr. (proposed hotel project) cost

of \$69,560 brought the total cost of the project to \$2,561,282.92 which is \$28,833.42 above the originally approved amount. The Huntington Drive Median Islands Landscape Improvements Project was funded by the General Funds/Special Projects account. City Council approved the contract for \$2,202,130.00 with a 15% contingency totaling \$2,532,449.50. The final project cost was \$2,561,282.92.

ITEM 8.I. (Consent Calendar). Approval of Lodging for California League of Cities Annual Conference - The City of Duarte's Travel Policy (Section 6.E) provides that lodging within fifty (50) miles of the City requires prior City Council approval. The California League of Cities Annual Conference is scheduled to take place at the Long Beach Convention Center in Long Beach, California, approximately 36 miles from Duarte. The Director of Public Safety Services has been invited to serve as a speaker at the Conference, requiring early morning attendance and participation. In addition, the Conference includes evening networking and educational events. Pursuant to City policy, overnight accommodations less than 50 miles from Duarte require Council approval. Since Long Beach is 36 miles away, this request is presented for formal authorization.

ITEM 8.J. (Consent Calendar). Award of Contract - Duarte Teen Center Roof Replacement Project No. 26-8 - On June 24, 2025, the City Council approved the Fiscal Year 2025/26 Budget and Capital Improvement Program (CIP), which includes funding for the Duarte Teen Center Roof Replacement. The Teen Center, constructed in 1996, has undergone periodic minor roof repairs since 2015, primarily above the game and multipurpose rooms, and the boxing gym. Given the roof's age and the recurring small leaks during the rainy season, a full roof replacement is necessary. On August 18, 2025, the City published an invitation to bid on the Duarte Teen Center Roof Replacement Project No. 26-8, in accordance with Duarte Municipal Code (DMC) Section 2.36.060. On September 8, 2025, the City received nine (9) bids for the subject project. All bids were reviewed for responsiveness to the bid specification requirements. The lowest responsive and responsible bidder was Commercial and Industrial Roofing Co. Inc. in the amount of \$190,046. Project funds are available and budgeted for in Fiscal Year 2025/26, from the General Fund (100-1610-8100).

ITEM 10.A. (Public Hearings). Andres Duarte School Project - The proposed project is located at 1433 Crestfield Drive and includes the former school site and Otis Gordon Park. The Duarte Unified School District (DUSD) has decided to close Andres Duarte School and relocate the existing Mt. Olive Innovation and Technology (MIT) campus and the District's day care operation that are located at the former Andres Duarte campus. DUSD has initiated a lease agreement with Crestfield Townhomes, LLC to develop the property. The entire project site is approximately 13 net acres in size. The proposed development includes 169 townhome units on seven acres of the site resulting in a residential density of approximately 24 units per acre. Otis Gordon will remain as a six acre park and be leased to the City. A parking lot with 57 spaces is being added to Otis Gordon Park. The project site currently has a General Plan land use designation of Public Facility and is zoned PF (Public Facility). The proposed project would change the general plan designation to High Density Residential and the zoning to R-4, for the townhome portion of the property. The park portion of the property would be changed to the Open Space land use designation and the Open Space zone. The project requires a Site Plan and Design Review and Planned Development Permit approval; and a two lot parcel map to divide the property. An Environmental Impact Report (EIR) has been prepared for the project. The City Council is being asked to certify and approve the Final Environmental Impact Report (Resolution 25-19) and approve: General Plan Amendment 24-02 (Resolution 25-20); Tentative Parcel Map 24-01 (Resolution 25-21); Site Plan and Design Review 25-19 (Resolution 25-22); and Planned Development Permit 24-01 (Resolution 25-23) and to Introduce Ordinance 25-04 (Zone Change 24-02) for a first reading.

CITY OF DUARTE

Minutes of the REGULAR JOINT MEETING OF THE
CITY COUNCIL/HOUSING AUTHORITY/DUARTE COMMUNITY FACILITIES
FINANCING AUTHORITY

Tuesday, September 9, 2025
7:00 PM — Regular Session

7:00 PM OPEN SESSION

1. CALL TO ORDER AND ROLL CALL

Mayor Pro Tem Martin Del Campo called the open session to order at 7:12 p.m.

Councilmembers Present: Finlay, Kang (arrived at 7:24 p.m.), Lewis, Truong, Calderon (arrived at 7:13 p.m.), Martin Del Campo, Garcia (arrived at 7:13 p.m.)

Councilmembers Absent: None

Staff Present: Brian Villalobos, City Manager
Thai Viet Phan, City Attorney
Kristen Petersen, Assistant City Manager / Director of Administrative Services
Craig Hensley, Director of Community Development
Larry Breceda, Director of Public Safety Services
Manuel Enriquez, Director of Parks and Recreation
Andres Rangel, Assistant to the City Manager
Albert Nuñez, Management Analyst
Frances Jimenez, City Clerk
Gerard Batista, Field Services Manager
Stephanie Sandoval, Public Works Manager

2. ADOPTION OF THE AGENDA

Moved by Councilmember Finlay, seconded by Councilmember Lewis, and carried by the following vote of the City Council to adopt the agenda.

AYES: FINLAY, LEWIS, TRUONG, CALDERON, MARTIN DEL CAMPO, GARCIA
NOES: NONE
ABSTAIN: NONE
ABSENT: KANG

3. PLEDGE TO THE FLAG

The flag salute was led by Vicky Ramirez.

4. ORAL COMMUNICATIONS - SPECIAL ITEMS

None.

5. SPECIAL ITEMS

A. Pathway Home Update

Principal Analyst Marco Santana gave an overview of the Pathway Home program; provided a specific update on the Duarte/Monrovia operations; and shared the impact and results of the program to date.

Director Saba Tekle shared the story of participants of the program and provided information on their ongoing progress and successes.

In response to questions posed by the City Council, Marco Santana gave information on the program's length and clarified that the future of the program beyond the contractual terms will be discussed in partnership with the city of Duarte and Monrovia.

The City Council shared their opinion on the program and voiced their concern regarding the effects on the Duarte community.

B. Presentation on the Encanto Park Stormwater Capture Project by the Rio Hondo/San Gabriel River Watershed Management Authority

Stephanie Sandoval, Public Works Manager, provided background information on the Encanto Park Stormwater Project and detailed the city's role.

Traci Gleason and Courtney Semlow provided an update on the Encanto Park Stormwater Capture Project by the Rio Hondo/San Gabriel River Watershed Management Authority; highlighted the purpose of the JPA; detailed the park improvement plan; discussed the timeline of the project and shared its benefits.

Clarification was provided in response to questions made by the City Council regarding the project logistics. The City Council shared appreciation for the educational component that is being addressed in terms of signage.

Further conversation was had regarding pump maintenance efforts that will be handed by the JPA. The City Council shared their opinion on the need to capture stormwater.

C. Community Development Department Update

Community Development Director Hensley shared an update on the development of the Hawthorn Suites Hotel.

Field Services Manager Gerard Batista introduced the newest members of the Field Services team: Maintenance Technicians Rodney Marroquin and Johnny Retamosa. He also introduced Hugo Pulido, Maintenance Technician who recently completed his first year working in the city and Sean McBride, who was recently promoted to Maintenance Lead Worker.

Per Council's request, Director Hensley provided an update on the previously occupied Fresh & Easy location on Huntington Drive, which is currently vacant. He also shared that the previously occupied E-Z Dog Wash, also located on Huntington Drive, has a new property owner who is renovating the building.

D. Parks and Recreation Department Update

The Parks and Recreation department highlighted upcoming community events.

6. ANNOUNCEMENTS OF UPCOMING COMMUNITY EVENTS

Joanna Gee, Duarte Library, announced upcoming library events.

Assistant to the City Manager Rangel announced upcoming city events.

KC Caracci invited residents to the upcoming Route 66 parade; announced Harold Ray Brown would be the Grand Marshall; and highlighted the event sponsors.

The City Council thanked KC Caracci for his volunteer efforts in bringing back the parade.

Anthony Angulo announced upcoming Chamber of Commerce events.

7. ORAL COMMUNICATIONS - ITEMS NOT ON THE AGENDA

Wes Reutimann spoke on behalf of Active San Gabriel Valley, shared information on the last Open Streets program the city of Duarte participated in eight years ago; proposed bringing the "Open Streets" program back to Duarte on a smaller scale in conjunction with Arcadia and Monrovia in light of major upcoming events; and shared next steps to kick off the celebrations.

Travis Pattersen expressed opposition to the Crestfield Townhomes Project; urged the City Council to vote no on the rezoning; shared concerns regarding the developer; and detailed his objections to the project.

Samuel Brown-Vazquez requested an interpreter.

City Attorney Phan stated that, per the Brown Act, in order for an interpreter to be present at a Council Meeting, requests need to be made prior to the meeting. The City Council gave the speaker six minutes to provide public comment in Spanish.

Samuel Brown-Vazquez provided his public comment in English and Spanish; expressed opposition to the Crestfield Townhomes LLC development; cited concerns about Brown Act procedures regarding the Planning Commission's public hearing; provided a list of additional objections to the project; shared conflict of interest concerns regarding Councilmember Finlay; and stated his opinion regarding violations of Brown Act, CEQA, the Surplus Land Act, and the Naylor Act.

8. ORAL COMMUNICATIONS - CONSENT CALENDAR

None.

9. CONSENT CALENDAR

A. Motion to read all Resolutions and Ordinances presented for consideration by Title only and waive further reading (CC/HA/FA).

B. Approve absence(s) of City Councilmember(s) from the City Council meeting.

C. Approval of Minutes - August 26, 2025 Regular Meeting (CC/HA/FA).

D. Approval of Warrants - September 9, 2025 (CC/HA/FA).

E. Receive and File the Monthly Financial Report for the month of July 2025.

F. Receive and File the Community Development Department Update

G. Receive and File the Parks and Recreation Department Update

H. Approval of the purchase of new Buena Vista Street banner system from Colonial Flag for \$44,178. Award of the bid for installation to FS Contractors for \$25,750 and approval of a project contingency amount of 10% for a total project cost of \$77,000

I. Approval of purchase of a replacement 2025 BVR 13 Brush Chipper from Morbark.

J. Authorization of a budget amendment of \$22,000 to Account 1610-8100 for the installation of security cameras at the Duarte Senior Center, Fitness Center, and Teen Center and authorization for the City Manager to execute the contract with CORAM/Intelesys in an amount not to exceed \$22,000.

Moved by Councilmember Truong, seconded by Councilmember Finlay, and carried by the following vote of the City Council to approve items 9A - 9J of the Consent Calendar.

AYES: FINLAY, KANG, LEWIS, TRUONG, CALDERON, MARTIN DEL CAMPO, GARCIA
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

10. ITEMS REMOVED FROM CONSENT CALENDAR FOR DISCUSSION

None.

11. PUBLIC HEARINGS - NONE

12. BUSINESS ITEMS - NONE

13. ITEMS FROM CITY COUNCIL/HOUSING AUTHORITY/FINANCING AUTHORITY MEMBERS AND CITY MANAGER/EXECUTIVE DIRECTOR/REPORTS OF MEETINGS ATTENDED PER GOVERNMENT CODE SECTION 53232.3

City Manager Villalobos reported he met with the North San Gabriel River Working Group and provided an update on the riverbed clean-up efforts.

Mayor Pro Tem Martin Del Campo reported she attended the Arts Ad Hoc Committee meeting and will be attending the upcoming Foothill Gold Line JPA Meeting.

Councilmember Calderon reported he attended the Puente Hills Landfill Park Groundbreaking Ceremony hosted by Supervisor Solis.

Councilmember Finlay reported she attended the regional council with SCAG where the Olympics was discussed, and she also brought forward ideas on how to prepare for the coming Olympics in 2028.

Councilmember Kang asked staff to agendaize an item for future discussion regarding the presence of ATV's and electric bikes near Encanto Park; he also shared concerns regarding shopping carts left around the community; shared suggestions regarding lighting for the Donald and Benice Watson Recreation Park Trail; commented on the need for increased lighting at the city's sign on Duarte Road; and commended the Parks and Recreation staff for putting on the Boxing Show.

Councilmember Truong reported he attended the SGVCOG EENR meeting where the increase of wildlife in neighborhoods was discussed; reported he also attended the SGVCOG Homeless Committee; and shared details regarding the SGVCOG LA28 meeting.

Mayor Garcia shared excitement over upcoming projects; provided suggestions for posting bid opportunities on LinkedIn; proposed a workshop with the Chamber of Commerce to discuss how to do business with a city; commended staff and who put on the Boxing Show; stated his opinion on a recent immigration raid that occurred in the city; shared the experience of affected community members; and highlighted upcoming community events.

14. ADJOURNMENT

At 9:20 p.m., the City Council adjourned the meeting.

Cesar A. Garcia, Mayor

Frances Jimenez, City Clerk



City of Duarte

Council Warrant Register By Account By Fund

Payment Dates 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payment Number	Project Account Key	Amount
Fund: 100 - GENERAL FUND					
100-1605-7733	SONIC SOUNDS	Monthly Dance DJ 9/25/2025	221415		475.00
100-1025-7703	CCCA	FY26 Annual Membership	6335		4,700.00
100-1405-7980	BUCKNAM INFRASTRUCTURE ...	GIS Services 6/2025	221385		195.00
100-1405-7980	BUCKNAM INFRASTRUCTURE ...	ArcGIS Online Credits 6/30/2025 - 6/29/2027	221385		1,380.00
100-1605-7612	CALIFORNIA PARK & RECREAT...	Kelly Barnes CPRS Membership	221386		165.00
100-1610-7618	SOUTHEAST CONSTRUCTION ...	Softball Field Chalk	221409		33.48
100-2121	MOORE IACOFANO GOLTSMA...	Westminster Garden Specific Plan 7/2025	221402	202417-dep-Westminister Ga...	3,454.73
100-1405-7980	BUCKNAM INFRASTRUCTURE ...	GIS Services 7/2025 (Fire Hazard Severity Mapping)	221385		607.50
100-1605-7741	BSN SPORTS LLC	Volleyball Supplies	221384		525.99
100-1405-7965	HARRIS & ASSOCIATES	LMD Re-Engineering Assessment 6/29/25 - 7/26/25	6343		5,465.00
100-1205-7782	ALL CITY MANAGEMENT SERV...	Crossing Guard Services 8/3/25 - 8/16/25	6332		2,560.42
100-1405-7690	BRIAN QUANDT	Planning Commission Meeting	221404		50.00
100-1405-7690	DAVID RODRIGUEZ	Planning Commission Meeting	221406		50.00
100-1405-7690	WALLACE WOLFF	Planning Commission Meeting	221416		50.00
100-1405-7690	LUZ YESENIA PAEZ	Planning Commission Meeting	221403		50.00
100-1610-7652	SUNTREK INDUSTRIES INC	FC Pool Solar System Inspection/Repair	6361		630.00
100-1605-7739	SOUTHWEST OFFSET PRINTIN...	Fall 2025 Duarte City News Printing and Mailing	221410		8,154.01
100-1405-7980	CALIFORNIA STREET LIGHTING	Lena Valenzuela Park Lighting Project	6336		8,350.00
100-1605-7745	SMART & FINAL	TC Back to School BBQ Supplies	6359		179.18
100-1405-7969	RKA CONSULTING GROUP	Engineering Plan Check 7/2025	6357		320.00
100-1405-7969	RKA CONSULTING GROUP	Contract City Engineer 7/2025	6357		2,720.00
100-1405-7965	RKA CONSULTING GROUP	ATP Cycle 4 Ped/Bike Improvements 7/2025	6357	202118-ATP Cycle 4-Professio...	812.50
100-1405-7965	RKA CONSULTING GROUP	Multi-Use Trail Rehab Grant Support 7/2025	6357	202412-Prof Svc-FY24 Bike Tra...	2,307.50
100-1405-7969	RKA CONSULTING GROUP	FY26 LLMD Engineering Srvcs 7/2025	6357		1,230.00
100-1410-7610	U.S. BANK	Francisco Esparza Traffic Control Training (MSA)	6367		130.00
100-1410-7610	U.S. BANK	Johnny Retamosa Traffic Control Training (MSA)	6367		130.00
100-1410-7610	U.S. BANK	Rodney Marroquin Traffic Control Training (MSA)	6367		130.00
100-1410-7610	U.S. BANK	Hugo Pulido Traffic Control Training (MSA)	6367		130.00
100-1410-7610	U.S. BANK	Sean McBride Traffic Control Training (MSA)	6367		130.00
100-1410-7980	U.S. BANK	FS-Water Jugs/Bug Spray/Gloves (Amazon)	6367		342.57
100-1205-7610	U.S. BANK	Larry Breceda Mtg w/Sam Kang (Hope Village)	6365		59.68
100-1205-7614	U.S. BANK	CSO Office Supplies (Amazon)	6365		26.28
100-1205-7614	U.S. BANK	CSO Office Supplies (Target)	6365		7.17
100-1205-7614	U.S. BANK	Office Supplies (Amazon)	6365		9.43
100-1205-7615	U.S. BANK	EOC Laptop (Costco)	6365		684.53
100-1205-7615	U.S. BANK	Drone Weighted Landing Pad (Hoodman)	6365		133.28

Council Warrant Register By Account

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payment Number	Project Account Key	Amount
100-1205-7694	U.S. BANK	Public Safety Commission Supplies (Amazon)	6365		9.93
100-1205-7694	U.S. BANK	Public Safety Commission Supplies (Amazon)	6365		31.29
100-1205-7694	U.S. BANK	Public Safety Commission Office Supplies (Amazon)	6365		31.14
100-1205-7694	U.S. BANK	Public Safety Commission Supplies (Amazon)	6365		6.95
100-1205-7779	U.S. BANK	DART Event 8/5/2025 (Ikea)	6365		551.62
100-1205-7779	U.S. BANK	DART Field Trip 8/11/2025 (Six Flags)	6365		756.00
100-1205-7779	U.S. BANK	DART Beach Trip Surf Lessons (Clint Carroll)	6365		720.00
100-1205-7779	U.S. BANK	DART Game Night 8/22/25 (Dominos Pizza)	6365		48.55
100-1205-7779	U.S. BANK	NNO 2025 Set-up DART Lunch (The Habit)	6365		47.45
100-1205-7779	U.S. BANK	DART Concerts in the Park Dinner (Dominos Pizza)	6365		64.02
100-1205-7779	U.S. BANK	DART Lego Day Supplies (Walmart)	6365		415.99
100-1205-7779	U.S. BANK	DART Field Trip 8/11/25 (Six Flags)	6365		219.46
100-1205-7779	U.S. BANK	DART Dinner 8/18/25 (Dominos Pizza)	6365		40.84
100-1205-7780	U.S. BANK	PSM/CC/ACO Gun Locks (Amazon)	6365		30.68
100-1205-7780	U.S. BANK	AC Paintball Gun Seals (Amazon)	6365		13.91
100-1205-7780	U.S. BANK	ACO Gun Locker Pad Lock (Amazon)	6365		58.06
100-1205-7780	U.S. BANK	PC 832 Training Ammunition (Alco Target Co)	6365		482.89
100-1205-7780	U.S. BANK	AC Bear Deterrence Paintballs (Amazon)	6365		47.11
100-1205-7783	U.S. BANK	A-Team Beach Trip Lunch 7/29/25 (Jersey Mikes)	6365		379.96
100-1205-7783	U.S. BANK	A-Team Bike Rental 7/29/25 (Jacks Beach)	6365		15.60
100-1205-7783	U.S. BANK	A-Team Beach Trip 7/29/25 Parking (City of HB)	6365		60.00
100-1205-7887	U.S. BANK	Flag Base (Amazon)	6365		30.93
100-1205-7980	U.S. BANK	Drone Gimbal Cover (Amazon)	6365		15.74
100-1205-7980	U.S. BANK	CSO Phone Belt Clip (Amazon)	6365		19.80
100-1205-7980	U.S. BANK	NNO 2025 Dunk Tank/Chairs (The Fun Co)	6365	202606-FY26-Other Exp-PS C...	702.97
100-1205-7980	U.S. BANK	Office Supplies (Smart & Final)	6365		24.44
100-1205-7980	U.S. BANK	NNO 2025 Supplies (Dollar Tree)	6365	202606-FY26-Other Exp-PS C...	28.45
100-1205-7980	U.S. BANK	NNO 2025 Vegan Hot Dogs (Target)	6365	202606-FY26-Other Exp-PS C...	5.89
100-1205-7980	U.S. BANK	NNO 2025 Supplies (Smart & Final)	6365	202606-FY26-Other Exp-PS C...	373.34
100-1205-7980	U.S. BANK	NNO 2025 Volunteer Dinner (Dominos Pizza)	6365	202606-FY26-Other Exp-PS C...	115.97
100-1205-7980	U.S. BANK	NNO 2025 Staff Dinner (Tropicana Mkt)	6365	202606-FY26-Other Exp-PS C...	149.98
100-1605-7736	PORTAL LANGUAGES COSTA ...	Instructor Fee-American Sign Language Summer 2025	6353		501.20
100-1405-7614	SMART & FINAL	Office Supplies	6359		28.70
100-1205-7655	JAM SERVICES	Replacement Street Name Signs (Windstorm Damage)	6346		7,956.00
100-1415-7889	LANDSCAPE WAREHOUSE INC	Lower Sports Field Irrigation Repairs	6347		99.84

Council Warrant Register By Account

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payment Number	Project Account Key	Amount
100-1610-7636	CINTAS CORPORATION #693	Facility Maint Uniforms	6337		30.85
100-1610-7652	CINTAS CORPORATION #693	Logo Mats	6337		4.15
100-1405-7614	STAPLES	Office Supplies	6360		123.76
100-1605-7732	CROWN TROPHY OF SANTA C...	City Picnic Car Show Trophies	221391		1,029.30
100-1405-7614	STAPLES	Office Supplies	6360		90.82
100-1610-7652	ALBERTOS PLUMBING	PS Women's Restroom Plumbing Repairs	6331		670.00
100-1605-7735	SWANK MOTION PICTURES INC	TC BBQ & Movie Night 8/29/2025	6362		210.00
100-1415-7889	LANDSCAPE WAREHOUSE INC	Lower Field Sports Park Irrigation Repairs	6347		73.79
100-1415-7889	LANDSCAPE WAREHOUSE INC	Lower Field Sports Park Irrigation Repairs	6347		58.49
100-1205-7780	ONLY CREMATIONS FOR PETS	Deceased Animal Disposal 8/2025	6352		290.00
100-1605-7735	SMART & FINAL	TC Back to School BBQ Supplies	6359		107.28
100-1610-7652	ALVAREZ CARPET CLEANING L...	Community Center Carpet Cleaning	6333		1,350.00
100-1205-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	221394		160.00
100-1205-7781	FAST 5 HOLDING COMPANY L...	Sheriff Dept Vehicle Cleaning 8/2025	221394		72.00
100-1405-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	221394		80.00
100-1410-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	221394		8.00
100-1605-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	221394		24.00
100-1020-7724	MARIPOSA LANDSCAPES INC	PO Pkg Lot Landscape Maintenance 8/2025	6351		312.00
100-1410-7815	MARIPOSA LANDSCAPES INC	Duarte Wilderness Park Brush Clearance 8/2025	6351		2,080.00
100-1410-7815	MARIPOSA LANDSCAPES INC	Greenbank Ave Brush Clearance 8/2025	6351		76.00
100-1415-7916	MARIPOSA LANDSCAPES INC	Sports Parks (2) Landscape Maintenance 8/2025	6351		3,426.72
100-1610-7652	WESTERN EXTERMINATOR C...	Facility Pest/Rodent/Mosquito Control 8/2025	6370		884.01
100-1825-7631	CANON SOLUTIONS AMERICA ...	CMD/FC Printer Maint 8/31/2025 - 8/30/2025	221388		84.31
100-2125	REGIONAL TAP SERVICE CENT...	TAP Card Reload 8/2025	221405		45.00
100-1805-7654	LSL, LLP	FY25 Annual GASB 68 Report	6350		1,795.00
100-1805-7654	LSL, LLP	FY25 GASB 101 Implementation	6350		410.00
100-1805-7654	LSL, LLP	FY25 Lease/SBITA Services	6350		9,720.00
100-1610-7652	COMMERCIAL DOOR COMPA...	Yard Roll Up Door Repair	221390		1,506.58
100-1610-7652	INX BUILDING MAINTENANCE	Senior Center Cleaning 8/2025	6345		825.00
100-1815-7820	TYLER TECHNOLOGIES INC	Finance System Support 10/1/2025 - 12/31/2025	221413		13,613.94
100-1205-7655	THOMSON REUTERS-WEST P...	EOC Software 8/2025	6363		237.71
100-1610-7652	INX BUILDING MAINTENANCE	CH/TC/Yard Janitorial Services 9/2025	6345		4,642.07
100-1205-7783	TRAIN UP A CHILD LLC	A-Team Contract Services 9/2025	6329		6,740.00
100-1610-7650	WARDS SERVICE	Vehicle #21 Water Pump Replacement	6369		1,251.34
100-1410-7814	SUPERIOR PROPERTY SERVICE...	Graffiti Removal 8/2025	221412		2,157.05
100-1825-7630	CANON FINANCIAL SERVICES I...	(3) CH/PS/SC/TC Copier Lease 9/2025	221387		1,641.70
100-1825-7630	CANON FINANCIAL SERVICES I...	(3) CH/PS/SC/TC Copier Lease 8/2025	221387		1,641.70
100-1825-7630	CANON FINANCIAL SERVICES I...	(3) CH/PS/SC/TC Copier Lease 7/2025	221387		1,641.70
100-1825-7630	CANON FINANCIAL SERVICES I...	CA Electronic Waste Fee	221387		24.00

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Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payment Number	Project Account Key	Amount
100-1205-7779	AIDA TORRES	DART Beach Event Reimbursement	6364		108.99
100-1610-7650	AUTOZONE	Vehicle #21 Wipers/Fuse	221383		70.19
100-1610-7618	CURO MANAGED PRINT PRO...	ROP Park Gazebo Signage	221392		71.66
100-1605-7980	SMART & FINAL	PMLB Month Celebration Supplies	6359		41.22
100-1015-7684	CIVICA LAW GROUP, APC	1318 Galen St Legal 8/2025	6338		365.30
100-1015-7684	CIVICA LAW GROUP, APC	General Code Enforcement Legal 8/2025	6338		51.60
100-1015-7684	CIVICA LAW GROUP, APC	LASD Citations 8/2025	6338		11,000.00
100-1015-7684	CIVICA LAW GROUP, APC	LASD Citation Expenses 8/2025	6338		1.28
100-1020-7712	GOVERNANCE SCIENCES GRO...	FlashVote Annual Subscription 9/1/25 - 8/31/26	221396		7,900.00
100-1415-7889	LANDSCAPE WAREHOUSE INC	Otis Gordon Sports Park Irrigation Repairs	6347		1,023.05
100-1405-7800	EXTRASPACE STORAGE 3426	Building Plans Storage 9/1/2025 - 9/30/2025	BD26-0279		618.20
100-1405-7800	EXTRASPACE STORAGE 3426	Building Plans Storage 9/1/2025 - 9/30/2025	BD26-0280		604.20
100-1020-7726	BAKERS MAN PRODUCTIONS L...	Live-Switching & Record of City Council Mtg 8/2025	6334		300.00
100-1805-7614	STAPLES	Office Supplies	6360		90.69
100-1825-7613	STAPLES	Copier Paper	6360		77.51
100-1605-7737	SMART & FINAL	Senior Ctr Trip Snacks	6359		56.70
100-1610-7652	ALBERTOS PLUMBING	ROP Drinking Fountain Drain Cleaning	6331		250.00
100-1205-7779	AIDA TORRES	DART Office Clean-up Dinner Reimbursement	6364		26.95
100-1205-7779	FABIAN ANDRADE	Public Safety Volunteer Stipend	221381		100.00
100-1205-7779	AIDA TORRES	DART Trip Lunch Reimbursement	6364		152.44
100-1605-7732	HEY HEY ENTERTAINMENT	City Picnic Family Fun Zone Entertainment	221399		1,660.00
100-1205-7780	DUARTE PUBLIC SAFETY PETTY...	Animal Control CO2 Tank Refill	221393		26.94
100-1205-7980	DUARTE PUBLIC SAFETY PETTY...	Office Water	221393		34.50
100-1205-7980	DUARTE PUBLIC SAFETY PETTY...	Meeting Supplies	221393		38.99
100-1605-7745	SMART & FINAL	TC Boxing Show Snack Bar Supplies	6359		402.41
100-1605-7732	CURO MANAGED PRINT PRO...	City Picnic Promotional Material	221392		481.59
100-1010-7965	RECORDS CONTROL SERVICES ...	Records Retention Training	6355		2,693.22
100-1605-7735	SMART & FINAL	TC Monday Night Football Snacks	6359		42.64
100-1825-7631	CANON SOLUTIONS AMERICA ...	P & R Printer Maint 8/4/2025 - 9/3/2025	221388		65.88
100-2121	SPRINGBROOK REALTY ADVIS...	Crestfield Affordable Housing Analysis (R106186)	221411	202424- 100-2121/1433 Crestf..	1,890.00
100-1610-7652	AIR-TRO INC	City Yard HVAC Maintenance	6330		181.80
100-1815-7632	GOOGLE LLC	Gsuite accessduarte.com 8/1/25 - 8/31/25	BD26-0281		2,457.00
100-1205-8030	FLOCK SAFETY	ALPR Camera Subscription 11/5/25 - 11/4/26	6340		6,500.00
100-1405-7614	STAPLES	Office Supplies	6360		132.54
100-1605-7745	SIMON EQUIPMENT RENTALS	Boxing Show Fan Rental	221408		199.63
100-1205-7779	AIDA TORRES	DART Back to School Meal Reimbursement	6364		60.53
100-1010-7610	BRIAN VILLALOBOS	Contract Cities Fall Conference Reimbursement	6368		276.80
100-1825-7626	POSTMASTER	City Newsletter Postage	221414		5,000.00
100-2012	CHUNG'S CONSTRUCTION AN...	Building Permit Refund (P#2025-494)	221389		1.00
100-2013	CHUNG'S CONSTRUCTION AN...	Building Permit Refund (P#2025-494)	221389		0.50

Council Warrant Register By Account

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payment Number	Project Account Key	Amount
100-4201	CHUNG'S CONSTRUCTION AN...	Building Permit Refund (P#2025-494)	221389		238.60
100-1610-7617	FULLER ENGINEERING INC	Pool Chemicals	6341		1,359.54
100-1205-7781	LOS ANGELES COUNTY SHERIF...	Sheriff Contract 8/2025	6349		481,469.31
100-1605-7965	AQUATIC DESIGN GROUP INC	Design Srvc-FC Pool Deck Renovation 8/2025	221382	202421-Prof Svcs-FC Pool Deck..	754.79
100-1610-7636	CINTAS CORPORATION #693	Facility Maint Uniforms	6337		34.81
100-1610-7652	CINTAS CORPORATION #693	Logo Mats	6337		4.15
100-1610-7652	IMS REFRIGERATION INC	Cmty Ctr Kitchen Ice Machine Leak Repair	6344		375.43
100-1005-7642	ROTARY CLUB OF DUARTE	Margaret Finlay Membership Dues	221407		112.50
100-1010-7612	ROTARY CLUB OF DUARTE	Brian Villalobos Membership Dues	221407		262.50
100-1205-7612	ROTARY CLUB OF DUARTE	Tony Hadloc Membership Dues	221407		262.50
100-1205-7612	ROTARY CLUB OF DUARTE	Larry Breceda Membership Dues	221407		262.50
100-1805-7612	ROTARY CLUB OF DUARTE	Kristen Petersen Membership Dues	221407		262.50
100-2120	TERRY LIN	Pool Rent Deposit Refund 8/31/2025	6348		200.00
100-2120	ADELA FLORES	SC Rent Deposit Refund 8/30/2025	221395		500.00
100-2120	EVELYN GUERRERO	SC Rent Deposit Refund 9/6/2025	221397		500.00
100-2120	JEFFREY HAN	Field Rent Deposit Refund 8/30/2025	221398		100.00
100-1020-7712	CURO MANAGED PRINT PRO...	Strategic Plan Workshop Signs	221392		132.60
100-1810-7980	LOS ANGELES UNIFIED SCHOO...	Bilingual Testing (2)	221401		180.00
100-1610-7636	CINTAS CORPORATION #693	Facility Maint Uniforms	6337		19.90
100-1610-7652	CINTAS CORPORATION #693	Logo Mats	6337		37.11
100-2121	RINCON CONSULTANTS INC	Andres Duarte School (Crestfield) EIR/PM 8/2025	6356	202424- 100-2121/1433 Crestf..	25,057.14
Fund 100 - GENERAL FUND Total:					676,783.05
Fund: 220 - GAS TAX FUN					
220-2225-8100	RKA CONSULTING GROUP	Speed Surveys and Traffic Counts 7/2025	6357		80.00
220-2225-7980	LACMTA	ROE Permit (1 Year) Highland Promenade Project	221400	202106-Other Exps-Highland P..	1,500.00
220-2225-7965	ELIE FARAH INC	3rd of July Traffic Control 6/27/2025 - 7/1/2025	6339		4,500.00
220-2225-7965	KREUZER CONSULTING GROUP	Huntington Dr Street Improvements PS&E 8/2025	6354	202415-Prof Svcs-Huntington ...	27,188.10
Fund 220 - GAS TAX FUN Total:					33,268.10
Fund: 240 - LIGHTING AND LANDSCAPE DISTRICT FUND					
240-2410-7663	RUDY'S PLUMBING INC	Backflow Testing-Huntington Dr Median	6358		140.00
240-2410-7915	MARIPOSA LANDSCAPES INC	Parks (14) Landscape Maintenance 8/2025	6351		15,723.51
240-2410-7915	MARIPOSA LANDSCAPES INC	City Facilities (4) Landscape Maintenance 8/2025	6351		2,733.32
240-2410-7915	MARIPOSA LANDSCAPES INC	Misc Locations (8) Landscape Maintenance 8/2025	6351		1,509.99
240-2410-7917	MARIPOSA LANDSCAPES INC	Tree Wells (12) Landscape Maintenance 8/2025	6351		459.54
240-2410-7917	MARIPOSA LANDSCAPES INC	Medians/Pkwys (19) Landscape Maintenance 8/2025	6351		8,312.45
240-2420-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		491.67
240-2421-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		1,416.67
240-2422-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		693.80

Council Warrant Register By Account

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payment Number	Project Account Key	Amount
240-2423-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		1,125.00
240-2424-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		775.01
240-2425-7913	MARIPOSA LANDSCAPES INC	Hearthstone Brush Clearance 8/2025	6351		1,166.67
240-2425-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		416.67
240-2426-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		333.33
240-2427-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		891.67
240-2431-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		891.67
240-2432-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		1,175.00
240-2433-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		750.00
240-2434-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		500.00
240-2435-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	6351		750.00
240-2435-7918	MARIPOSA LANDSCAPES INC	Ridgecrest Brush Clearance 8/2025	6351		708.33
Fund 240 - LIGHTING AND LANDSCAPE DISTRICT FUND Total:					40,964.30
Fund: 290 - SUPPLEMENTAL LAW ENFORCEMENT FUND					
290-2905-7781	LOS ANGELES COUNTY SHERIF...	Sheriff Contract 8/2025	6349		13,191.67
Fund 290 - SUPPLEMENTAL LAW ENFORCEMENT FUND Total:					13,191.67
Fund: 400 - PARK DEVELOPMENT GRANT FUND					
400-4005-8041	MOORE IACOFANO GOLTSMA...	Boxing Patio at Duarte Park Design Srvcs 8/2025	221402	202518-Teen Center Outdoor ...	19,988.00
Fund 400 - PARK DEVELOPMENT GRANT FUND Total:					19,988.00
Fund: 440 - PROPOSITION A TRANSIT FUND					
440-4405-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	221394		24.00
440-4405-7814	SUPERIOR PROPERTY SERVICE...	Graffiti Removal 8/2025	221412		145.42
Fund 440 - PROPOSITION A TRANSIT FUND Total:					169.42
Fund: 460 - PROPOSITION C TRANSIT FUND					
460-4605-7814	SUPERIOR PROPERTY SERVICE...	Graffiti Removal 8/2025	221412		121.18
Fund 460 - PROPOSITION C TRANSIT FUND Total:					121.18
Fund: 620 - COMMUNITY IMPROVEMENT FUND					
620-2127	GREEN GIANT LANDSCAPE INC	Retention-Highland Promenade Project	6342	202106-Retention-620-2127-H..	-7,050.85
620-6225-8100	GREEN GIANT LANDSCAPE INC	Highland Promenade Project	6342	202106-Other Cap-620-6225-H..	141,017.00
Fund 620 - COMMUNITY IMPROVEMENT FUND Total:					133,966.15
Grand Total:					918,451.87

Report Summary**Fund Summary**

Fund	Payment Amount
100 - GENERAL FUND	676,783.05
220 - GAS TAX FUN	33,268.10
240 - LIGHTING AND LANDSCAPE DISTRICT FUND	40,964.30
290 - SUPPLEMENTAL LAW ENFORCEMENT FUND	13,191.67
400 - PARK DEVELOPMENT GRANT FUND	19,988.00
440 - PROPOSITION A TRANSIT FUND	169.42
460 - PROPOSITION C TRANSIT FUND	121.18
620 - COMMUNITY IMPROVEMENT FUND	133,966.15
Grand Total:	918,451.87

Account Summary

Account Number	Account Name	Payment Amount
100-1005-7642	Travel & Exp - Finlay	112.50
100-1010-7610	Travel, Mtgs & Conf	276.80
100-1010-7612	Publications and Dues	262.50
100-1010-7965	Professional Services	2,693.22
100-1015-7684	Code Enforcement Legal	11,418.18
100-1020-7712	Community Information ...	8,032.60
100-1020-7724	Post Office Parking	312.00
100-1020-7726	Council Cablecasting	300.00
100-1025-7703	Contract Cities Assoc	4,700.00
100-1205-7610	Travel, Mtgs & Conf	59.68
100-1205-7612	Publications and Dues	525.00
100-1205-7614	Office Supplies	42.88
100-1205-7615	Emergency Supplies	817.81
100-1205-7650	Vehicle Maintenance	160.00
100-1205-7655	Emergency Services	8,193.71
100-1205-7694	Public Safety Commission	79.31
100-1205-7779	Youth Programs	3,312.84
100-1205-7780	Animal Control	949.59
100-1205-7781	Contract Law Enforceme...	481,541.31
100-1205-7782	Crossing Guard Contract...	2,560.42
100-1205-7783	A-Team Program	7,195.56
100-1205-7887	Repairs & Replacements	30.93
100-1205-7980	Other Expenses	1,510.07
100-1205-8030	Other Equipment	6,500.00
100-1405-7614	Office Supplies	375.82
100-1405-7650	Vehicle Maintenance	80.00
100-1405-7690	Planning Commission	200.00
100-1405-7800	Building Department Ser...	1,222.40
100-1405-7965	Professional Services	8,585.00
100-1405-7969	City Engineer	4,270.00
100-1405-7980	Other Expenses	10,532.50
100-1410-7610	Travel, Mtgs & Conf	650.00
100-1410-7650	Vehicle Maintenance	8.00
100-1410-7814	Graffiti Removal	2,157.05
100-1410-7815	Brush Clearance	2,156.00
100-1410-7980	Other Expenses	342.57
100-1415-7889	Repairs-Sports Park	1,255.17
100-1415-7916	Landscape-Sport Park	3,426.72
100-1605-7612	Publications and Dues	165.00
100-1605-7650	Vehicle Maintenance	24.00
100-1605-7732	City Picnic	3,170.89
100-1605-7733	Senior Center	475.00
100-1605-7735	Teen Center	359.92
100-1605-7736	Youth & Adult Recreatio...	501.20
100-1605-7737	Adult Excursions	56.70

Account Summary

Account Number	Account Name	Payment Amount
100-1605-7739	Publicity	8,154.01
100-1605-7741	Sports/Playground Progr...	525.99
100-1605-7745	Boxing Program	781.22
100-1605-7965	Professional Services	754.79
100-1605-7980	Other Expenses	41.22
100-1610-7617	Pool Chemicals	1,359.54
100-1610-7618	Building Supplies	105.14
100-1610-7636	Uniforms	85.56
100-1610-7650	Vehicle Maintenance	1,321.53
100-1610-7652	Building Maint Services	11,360.30
100-1805-7612	Publications and Dues	262.50
100-1805-7614	Office Supplies	90.69
100-1805-7654	Audit Services	11,925.00
100-1810-7980	Other Expenses	180.00
100-1815-7632	Software	2,457.00
100-1815-7820	Finance Software	13,613.94
100-1825-7613	Duplications And Photos	77.51
100-1825-7626	Postage	5,000.00
100-1825-7630	Equipment Lease	4,949.10
100-1825-7631	Equipment Maintenance	150.19
100-2012	Green Building Fees Pay...	1.00
100-2013	Strong Motions Fees Pay...	0.50
100-2120	Refundable Deposits	1,300.00
100-2121	Pass Through Deposits	30,401.87
100-2125	Metro Pass Through (TA...	45.00
100-4201	Building Permits	238.60
220-2225-7965	Professional Services	31,688.10
220-2225-7980	Other Expenses	1,500.00
220-2225-8100	Other Capital Improvem...	80.00
240-2410-7663	Other Serv-Medians	140.00
240-2410-7915	Landscape-Citywide	19,966.82
240-2410-7917	Landscape-Medians	8,771.99
240-2420-7914	Landscape Maintenance	491.67
240-2421-7914	Landscape Maintenance	1,416.67
240-2422-7914	Landscape Maintenance	693.80
240-2423-7914	Landscape Maintenance	1,125.00
240-2424-7914	Landscape Maintenance	775.01
240-2425-7913	Brush Clearance	1,166.67
240-2425-7914	Landscape Maintenance	416.67
240-2426-7914	Landscape Maintenance	333.33
240-2427-7914	Landscape Maintenance	891.67
240-2431-7914	Landscape Maintenance	891.67
240-2432-7914	Landscape Maintenance	1,175.00
240-2433-7914	Landscape Maintenance	750.00
240-2434-7914	Landscape Maintenance	500.00
240-2435-7914	Landscape Maintenance	750.00
240-2435-7918	Fuel Modification	708.33
290-2905-7781	Contract Law Enforceme...	13,191.67
400-4005-8041	Park Improvements (Cap...	19,988.00
440-4405-7650	Vehicle Maintenance	24.00
440-4405-7814	Graffiti Removal	145.42
460-4605-7814	Graffiti Removal	121.18
620-2127	Retention Payable	-7,050.85
620-6225-8100	Other Capital Improvem...	141,017.00
Grand Total:		918,451.87

Project Account Summary

Project Account Key	Payment Amount
None	700,156.36
202106-Other Cap-620-6225-Highland Promenade-Msr M	141,017.00
202106-Other Exps-Highland Promenade Measure M	1,500.00
202106-Retention-620-2127-Highland Promenade-Msr M	-7,050.85
202118-ATP Cycle 4-Professional Svcs	812.50
202412-Prof Svc-FY24 Bike Trail Rehab Proj	2,307.50
202415-Prof Svcs-Huntington Dr Street Improvements	27,188.10
202417-dep-Westminister Garden Specific Plan & EIR	3,454.73
202421-Prof Svcs-FC Pool Deck Renovation	754.79
202424- 100-2121/1433 Crestfield(Andres Duarte)	26,947.14
202518-Teen Center Outdoor Boxing Patio Project	19,988.00
202606-FY26-Other Exp-PS Comm Outreach Program	1,376.60
Grand Total:	918,451.87



City of Duarte

Council Warrant Register By Vendor By Fund

Payment Dates 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
Fund: 100 - GENERAL FUND					
Vendor: T5018 - ADELA FLORES					
100-2120	ADELA FLORES	SC Rent Deposit Refund 8/30/2025	R109147		500.00
Vendor T5018 - ADELA FLORES Total:					500.00
Vendor: 1388 - AIDA TORRES					
100-1205-7779	AIDA TORRES	DART Beach Event Reimbursement	8/31/2025		108.99
100-1205-7779	AIDA TORRES	DART Office Clean-up Dinner Reimbursement	8/13/2025		26.95
100-1205-7779	AIDA TORRES	DART Trip Lunch Reimbursement	8/24/2025		152.44
100-1205-7779	AIDA TORRES	DART Back to School Meal Reimbursement	8/26/2025		60.53
Vendor 1388 - AIDA TORRES Total:					348.91
Vendor: 2061 - AIR-TRO INC					
100-1610-7652	AIR-TRO INC	City Yard HVAC Maintenance	459312		181.80
Vendor 2061 - AIR-TRO INC Total:					181.80
Vendor: 5561 - ALBERTOS PLUMBING					
100-1610-7652	ALBERTOS PLUMBING	PS Women's Restroom Plumbing Repairs	682169		670.00
100-1610-7652	ALBERTOS PLUMBING	ROP Drinking Fountain Drain Cleaning	682173		250.00
Vendor 5561 - ALBERTOS PLUMBING Total:					920.00
Vendor: 6117 - ALL CITY MANAGEMENT SERVICE INC					
100-1205-7782	ALL CITY MANAGEMENT SERV...	Crossing Guard Services 8/3/25 - 8/16/25	102688		2,560.42
Vendor 6117 - ALL CITY MANAGEMENT SERVICE INC Total:					2,560.42
Vendor: 6800 - ANTHONY ALVAREZ					
100-1610-7652	ALVAREZ CARPET CLEANING L...	Community Center Carpet Cleaning	INV0004		1,350.00
Vendor 6800 - ANTHONY ALVAREZ Total:					1,350.00
Vendor: 5505 - AQUATIC DESIGN GROUP INC					
100-1605-7965	AQUATIC DESIGN GROUP INC	Design Srvc-FC Pool Deck Renovation 8/2025	34511	202421-Prof Svcs-FC Pool Deck..	754.79
Vendor 5505 - AQUATIC DESIGN GROUP INC Total:					754.79
Vendor: 1491 - AUTOZONE					
100-1610-7650	AUTOZONE	Vehicle #21 Wipers/Fuse	02814724677		70.19
Vendor 1491 - AUTOZONE Total:					70.19
Vendor: 6653 - BAKERS MAN PRODUCTIONS LLC					
100-1020-7726	BAKERS MAN PRODUCTIONS L...	Live-Switching & Record of City Council Mtg 8/2025	408646		300.00
Vendor 6653 - BAKERS MAN PRODUCTIONS LLC Total:					300.00
Vendor: 6469 - BRIAN QUANDT					
100-1405-7690	BRIAN QUANDT	Planning Commission Meeting	8/18/2025		50.00
Vendor 6469 - BRIAN QUANDT Total:					50.00
Vendor: 1003 - BRIAN VILLALOBOS					
100-1010-7610	BRIAN VILLALOBOS	Contract Cities Fall Conference Reimbursement	9/5/25 - 9/7/25		276.80
Vendor 1003 - BRIAN VILLALOBOS Total:					276.80

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
Vendor: 0243 - BSN SPORTS LLC					
100-1605-7741	BSN SPORTS LLC	Volleyball Supplies	930616520		525.99
Vendor 0243 - BSN SPORTS LLC Total:					525.99
Vendor: 5820 - BUCKNAM INFRASTRUCTURE GROUP INC					
100-1405-7980	BUCKNAM INFRASTRUCTURE ...	ArcGIS Online Credits 6/30/2025 - 6/29/2027	352-09.05		1,380.00
100-1405-7980	BUCKNAM INFRASTRUCTURE ...	GIS Services 6/2025	352-09.05		195.00
100-1405-7980	BUCKNAM INFRASTRUCTURE ...	GIS Services 7/2025 (Fire Hazard Severity Mapping)	352-09.06		607.50
Vendor 5820 - BUCKNAM INFRASTRUCTURE GROUP INC Total:					2,182.50
Vendor: 0035 - CALIFORNIA CONTRACT CITIES ASSOCIATION					
100-1025-7703	CCCA	FY26 Annual Membership	515833		4,700.00
Vendor 0035 - CALIFORNIA CONTRACT CITIES ASSOCIATION Total:					4,700.00
Vendor: 1563 - CALIFORNIA PARK & RECREATION SOCIETY					
100-1605-7612	CALIFORNIA PARK & RECREAT...	Kelly Barnes CPRS Membership	Cash-103572		165.00
Vendor 1563 - CALIFORNIA PARK & RECREATION SOCIETY Total:					165.00
Vendor: 5869 - CALIFORNIA STREET LIGHTING					
100-1405-7980	CALIFORNIA STREET LIGHTING	Lena Valenzuela Park Lighting Project	1390		8,350.00
Vendor 5869 - CALIFORNIA STREET LIGHTING Total:					8,350.00
Vendor: 5719 - CANON FINANCIAL SERVICES INC					
100-1825-7630	CANON FINANCIAL SERVICES I...	(3) CH/PS/SC/TC Copier Lease 8/2025	41760877		1,641.70
100-1825-7630	CANON FINANCIAL SERVICES I...	(3) CH/PS/SC/TC Copier Lease 7/2025	41760877		1,641.70
100-1825-7630	CANON FINANCIAL SERVICES I...	(3) CH/PS/SC/TC Copier Lease 9/2025	41760877		1,641.70
100-1825-7630	CANON FINANCIAL SERVICES I...	CA Electronic Waste Fee	41760877		24.00
Vendor 5719 - CANON FINANCIAL SERVICES INC Total:					4,949.10
Vendor: 5720 - CANON SOLUTIONS AMERICA INC					
100-1825-7631	CANON SOLUTIONS AMERICA ...	CMD/FC Printer Maint 8/31/2025 - 8/30/2025	6013082647		84.31
100-1825-7631	CANON SOLUTIONS AMERICA ...	P & R Printer Maint 8/4/2025 - 9/3/2025	6013166770		65.88
Vendor 5720 - CANON SOLUTIONS AMERICA INC Total:					150.19
Vendor: T5017 - CHUNG'S CONSTRUCTION AND ELECTRICAL INC					
100-2012	CHUNG'S CONSTRUCTION AN...	Building Permit Refund (P#2025-494)	R109365		1.00
100-2013	CHUNG'S CONSTRUCTION AN...	Building Permit Refund (P#2025-494)	R109365		0.50
100-4201	CHUNG'S CONSTRUCTION AN...	Building Permit Refund (P#2025-494)	R109365		238.60
Vendor T5017 - CHUNG'S CONSTRUCTION AND ELECTRICAL INC Total:					240.10
Vendor: 5140 - CINTAS CORPORATION #693					
100-1610-7636	CINTAS CORPORATION #693	Facility Maint Uniforms	4241286038		30.85
100-1610-7652	CINTAS CORPORATION #693	Logo Mats	4241286038		4.15
100-1610-7636	CINTAS CORPORATION #693	Facility Maint Uniforms	4242784503		34.81
100-1610-7652	CINTAS CORPORATION #693	Logo Mats	4242784503		4.15
100-1610-7636	CINTAS CORPORATION #693	Facility Maint Uniforms	4242176727		19.90
100-1610-7652	CINTAS CORPORATION #693	Logo Mats	4242176727		37.11
Vendor 5140 - CINTAS CORPORATION #693 Total:					130.97
Vendor: 6483 - CIVICA LAW GROUP, APC					
100-1015-7684	CIVICA LAW GROUP, APC	1318 Galen St Legal 8/2025	17233		365.30
100-1015-7684	CIVICA LAW GROUP, APC	General Code Enforcement Legal 8/2025	17234		51.60
100-1015-7684	CIVICA LAW GROUP, APC	LASD Citations 8/2025	17235		11,000.00
100-1015-7684	CIVICA LAW GROUP, APC	LASD Citation Expenses 8/2025	17236		1.28
Vendor 6483 - CIVICA LAW GROUP, APC Total:					11,418.18

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
Vendor: 4861 - COMMERCIAL DOOR COMPANY INC					
100-1610-7652	COMMERCIAL DOOR COMPA...	Yard Roll Up Door Repair	91124		1,506.58
Vendor 4861 - COMMERCIAL DOOR COMPANY INC Total:					1,506.58
Vendor: 6542 - CROWN TROPHY OF SANTA CLARITA					
100-1605-7732	CROWN TROPHY OF SANTA C...	City Picnic Car Show Trophies	3554		1,029.30
Vendor 6542 - CROWN TROPHY OF SANTA CLARITA Total:					1,029.30
Vendor: 5494 - CURO MANAGED PRINT PRODUCTION					
100-1610-7618	CURO MANAGED PRINT PRO...	ROP Park Gazebo Signage	104057		71.66
100-1605-7732	CURO MANAGED PRINT PRO...	City Picnic Promotional Material	104067		481.59
100-1020-7712	CURO MANAGED PRINT PRO...	Strategic Plan Workshop Signs	104079		132.60
Vendor 5494 - CURO MANAGED PRINT PRODUCTION Total:					685.85
Vendor: 6748 - DAVID RODRIGUEZ					
100-1405-7690	DAVID RODRIGUEZ	Planning Commission Meeting	8/18/2025		50.00
Vendor 6748 - DAVID RODRIGUEZ Total:					50.00
Vendor: 3165 - DUARTE PUBLIC SAFETY PETTY CASH					
100-1205-7780	DUARTE PUBLIC SAFETY PETTY...	Animal Control CO2 Tank Refill	9032025		26.94
100-1205-7980	DUARTE PUBLIC SAFETY PETTY...	Office Water	9032025		34.50
100-1205-7980	DUARTE PUBLIC SAFETY PETTY...	Meeting Supplies	9032025		38.99
Vendor 3165 - DUARTE PUBLIC SAFETY PETTY CASH Total:					100.43
Vendor: T2407 - EVELYN GUERRERO					
100-2120	EVELYN GUERRERO	SC Rent Deposit Refund 9/6/2025	R109434		500.00
Vendor T2407 - EVELYN GUERRERO Total:					500.00
Vendor: 5761 - EXTRASPACE STORAGE 3426					
100-1405-7800	EXTRASPACE STORAGE 3426	Building Plans Storage 9/1/2025 - 9/30/2025	319370578		618.20
100-1405-7800	EXTRASPACE STORAGE 3426	Building Plans Storage 9/1/2025 - 9/30/2025	319370642		604.20
Vendor 5761 - EXTRASPACE STORAGE 3426 Total:					1,222.40
Vendor: 6736 - FABIAN ANDRADE					
100-1205-7779	FABIAN ANDRADE	Public Safety Volunteer Stipend	8/2025		100.00
Vendor 6736 - FABIAN ANDRADE Total:					100.00
Vendor: 6237 - FAST 5 HOLDING COMPANY LLC					
100-1205-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	00618		160.00
100-1205-7781	FAST 5 HOLDING COMPANY L...	Sheriff Dept Vehicle Cleaning 8/2025	00618		72.00
100-1405-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	00618		80.00
100-1410-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	00618		8.00
100-1605-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	00618		24.00
Vendor 6237 - FAST 5 HOLDING COMPANY LLC Total:					344.00
Vendor: 6684 - FLOCK GROUP INC					
100-1205-8030	FLOCK SAFETY	ALPR Camera Subscription 11/5/25 - 11/4/26	INV-73604		6,500.00
Vendor 6684 - FLOCK GROUP INC Total:					6,500.00
Vendor: 4690 - FULLER ENGINEERING INC					
100-1610-7617	FULLER ENGINEERING INC	Pool Chemicals	154029		1,359.54
Vendor 4690 - FULLER ENGINEERING INC Total:					1,359.54
Vendor: 6728 - GONZALO M VASQUEZ					
100-1605-7733	SONIC SOUNDS	Monthly Dance DJ 9/25/2025	2025-005		475.00
Vendor 6728 - GONZALO M VASQUEZ Total:					475.00

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
Vendor: 6181 - GOOGLE LLC					
100-1815-7632	GOOGLE LLC	Gsuite accessduarte.com 8/1/25 - 8/31/25	5348032318		2,457.00
Vendor 6181 - GOOGLE LLC Total:					2,457.00
Vendor: 6158 - GOVERNANCE SCIENCES GROUP INC					
100-1020-7712	GOVERNANCE SCIENCES GRO...	FlashVote Annual Subscription 9/1/25 - 8/31/26	2025-1383		7,900.00
Vendor 6158 - GOVERNANCE SCIENCES GROUP INC Total:					7,900.00
Vendor: 6175 - HARRIS & ASSOCIATES					
100-1405-7965	HARRIS & ASSOCIATES	LMD Re-Engineering Assessment 6/29/25 - 7/26/25	68881		5,465.00
Vendor 6175 - HARRIS & ASSOCIATES Total:					5,465.00
Vendor: 6783 - HEY HEY ENTERTAINMENT					
100-1605-7732	HEY HEY ENTERTAINMENT	City Picnic Family Fun Zone Entertainment	9/27/2025		1,660.00
Vendor 6783 - HEY HEY ENTERTAINMENT Total:					1,660.00
Vendor: 1614 - IMS REFRIGERATION INC					
100-1610-7652	IMS REFRIGERATION INC	Cmty Ctr Kitchen Ice Machine Leak Repair	57625		375.43
Vendor 1614 - IMS REFRIGERATION INC Total:					375.43
Vendor: 6309 - INX BUILDING MAINTENANCE					
100-1610-7652	INX BUILDING MAINTENANCE	Senior Center Cleaning 8/2025	996553		825.00
100-1610-7652	INX BUILDING MAINTENANCE	CH/TC/Yard Janitorial Services 9/2025	996299		4,642.07
Vendor 6309 - INX BUILDING MAINTENANCE Total:					5,467.07
Vendor: 5247 - J A MOMANEY SERVICES INC					
100-1205-7655	JAM SERVICES	Replacement Street Name Signs (Windstorm Damage)	194310		7,956.00
Vendor 5247 - J A MOMANEY SERVICES INC Total:					7,956.00
Vendor: T5019 - JEFFREY HAN					
100-2120	JEFFREY HAN	Field Rent Deposit Refund 8/30/2025	R109444		100.00
Vendor T5019 - JEFFREY HAN Total:					100.00
Vendor: 3968 - LANDSCAPE WAREHOUSE III					
100-1415-7889	LANDSCAPE WAREHOUSE INC	Lower Sports Field Irrigation Repairs	2508-510672		99.84
100-1415-7889	LANDSCAPE WAREHOUSE INC	Lower Field Sports Park Irrigation Repairs	2508-511662		73.79
100-1415-7889	LANDSCAPE WAREHOUSE INC	Lower Field Sports Park Irrigation Repairs	2508-511899		58.49
100-1415-7889	LANDSCAPE WAREHOUSE INC	Otis Gordon Sports Park Irrigation Repairs	2509-514591		1,023.05
Vendor 3968 - LANDSCAPE WAREHOUSE III Total:					1,255.17
Vendor: 0056 - LOS ANGELES COUNTY SHERIFF'S DEPARTMENT					
100-1205-7781	LOS ANGELES COUNTY SHERIF...	Sheriff Contract 8/2025	260215TZ		481,469.31
Vendor 0056 - LOS ANGELES COUNTY SHERIFF'S DEPARTMENT Total:					481,469.31
Vendor: 5717 - LOS ANGELES UNIFIED SCHOOL DISTRICT					
100-1810-7980	LOS ANGELES UNIFIED SCHOO...	Bilingual Testing (2)	3904		180.00
Vendor 5717 - LOS ANGELES UNIFIED SCHOOL DISTRICT Total:					180.00
Vendor: 4086 - LSL, LLP					
100-1805-7654	LSL, LLP	FY25 Annual GASB 68 Report	70083		1,795.00
100-1805-7654	LSL, LLP	FY25 GASB 101 Implementation	70084		410.00
100-1805-7654	LSL, LLP	FY25 Lease/SBITA Services	70084		9,720.00
Vendor 4086 - LSL, LLP Total:					11,925.00
Vendor: 5355 - LUZ YESENIA PAEZ					
100-1405-7690	LUZ YESENIA PAEZ	Planning Commission Meeting	8/18/2025		50.00
Vendor 5355 - LUZ YESENIA PAEZ Total:					50.00

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
Vendor: 4434 - MARIPOSA LANDSCAPES INC					
100-1020-7724	MARIPOSA LANDSCAPES INC	PO Pkg Lot Landscape Maintenance 8/2025	115457		312.00
100-1410-7815	MARIPOSA LANDSCAPES INC	Duarte Wilderness Park Brush Clearance 8/2025	115457		2,080.00
100-1410-7815	MARIPOSA LANDSCAPES INC	Greenbank Ave Brush Clearance 8/2025	115457		76.00
100-1415-7916	MARIPOSA LANDSCAPES INC	Sports Parks (2) Landscape Maintenance 8/2025	115457		3,426.72
Vendor 4434 - MARIPOSA LANDSCAPES INC Total:					5,894.72
Vendor: 5454 - MOORE IACOFANO GOLTSMAN INC					
100-2121	MOORE IACOFANO GOLTSMA...	Westminster Garden Specific Plan 7/2025	0092581	202417-dep-Westminister Ga...	3,454.73
Vendor 5454 - MOORE IACOFANO GOLTSMAN INC Total:					3,454.73
Vendor: 6280 - ONLY CREMATIONS FOR PETS					
100-1205-7780	ONLY CREMATIONS FOR PETS	Deceased Animal Disposal 8/2025	80943		290.00
Vendor 6280 - ONLY CREMATIONS FOR PETS Total:					290.00
Vendor: 6805 - PORTAL LANGUAGES COSTA MESA LLC					
100-1605-7736	PORTAL LANGUAGES COSTA ...	Instructor Fee-American Sign Language Summer 2025	INV-9326		501.20
Vendor 6805 - PORTAL LANGUAGES COSTA MESA LLC Total:					501.20
Vendor: 6652 - RAYMOND ABERNATHY					
100-1205-7783	TRAIN UP A CHILD LLC	A-Team Contract Services 9/2025	TRA-18		6,740.00
Vendor 6652 - RAYMOND ABERNATHY Total:					6,740.00
Vendor: 6525 - RECORDS CONTROL SERVICES INC					
100-1010-7965	RECORDS CONTROL SERVICES ...	Records Retention Training	25-50		2,693.22
Vendor 6525 - RECORDS CONTROL SERVICES INC Total:					2,693.22
Vendor: 6057 - REGIONAL TAP SERVICE CENTER					
100-2125	REGIONAL TAP SERVICE CENT...	TAP Card Reload 8/2025	6025807		45.00
Vendor 6057 - REGIONAL TAP SERVICE CENTER Total:					45.00
Vendor: 6591 - RINCON CONSULTANTS INC					
100-2121	RINCON CONSULTANTS INC	Andres Duarte School (Crestfield) EIR/PM 8/2025	68440	202424- 100-2121/1433 Crestf..	25,057.14
Vendor 6591 - RINCON CONSULTANTS INC Total:					25,057.14
Vendor: 0904 - RKA CONSULTING GROUP					
100-1405-7969	RKA CONSULTING GROUP	Engineering Plan Check 7/2025	36330		320.00
100-1405-7969	RKA CONSULTING GROUP	Contract City Engineer 7/2025	36331		2,720.00
100-1405-7965	RKA CONSULTING GROUP	ATP Cycle 4 Ped/Bike Improvements 7/2025	36332	202118-ATP Cycle 4-Professio...	812.50
100-1405-7965	RKA CONSULTING GROUP	Multi-Use Trail Rehab Grant Support 7/2025	36333	202412-Prof Svc-FY24 Bike Tra...	2,307.50
100-1405-7969	RKA CONSULTING GROUP	FY26 LLMD Engineering Srvcs 7/2025	36334		1,230.00
Vendor 0904 - RKA CONSULTING GROUP Total:					7,390.00
Vendor: 0076 - ROTARY CLUB OF DUARTE					
100-1005-7642	ROTARY CLUB OF DUARTE	Margaret Finlay Membership Dues	FY26 Q2		112.50
100-1010-7612	ROTARY CLUB OF DUARTE	Brian Villalobos Membership Dues	FY26 Q2		262.50
100-1205-7612	ROTARY CLUB OF DUARTE	Larry Breceda Membership Dues	FY26 Q2		262.50
100-1205-7612	ROTARY CLUB OF DUARTE	Tony Hadloc Membership Dues	FY26 Q2		262.50
100-1805-7612	ROTARY CLUB OF DUARTE	Kristen Petersen Membership Dues	FY26 Q2		262.50
Vendor 0076 - ROTARY CLUB OF DUARTE Total:					1,162.50

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
Vendor: 0206 - SIMON EQUIPMENT RENTALS					
100-1605-7745	SIMON EQUIPMENT RENTALS	Boxing Show Fan Rental	176061		199.63
Vendor 0206 - SIMON EQUIPMENT RENTALS Total:					199.63
Vendor: 0209 - SMART & FINAL					
100-1605-7745	SMART & FINAL	TC Back to School BBQ Supplies	29301		179.18
100-1405-7614	SMART & FINAL	Office Supplies	020966		28.70
100-1605-7735	SMART & FINAL	TC Back to School BBQ Supplies	814711		107.28
100-1605-7980	SMART & FINAL	PMLB Month Celebration Supplies	141188		41.22
100-1605-7737	SMART & FINAL	Senior Ctr Trip Snacks	653466-9032025		56.70
100-1605-7745	SMART & FINAL	TC Boxing Show Snack Bar Supplies	065178		402.41
100-1605-7735	SMART & FINAL	TC Monday Night Football Snacks	589999		42.64
Vendor 0209 - SMART & FINAL Total:					858.13
Vendor: 0217 - SOUTHEAST CONSTRUCTION PRODUCTS INC					
100-1610-7618	SOUTHEAST CONSTRUCTION ...	Softball Field Chalk	2508-233659		33.48
Vendor 0217 - SOUTHEAST CONSTRUCTION PRODUCTS INC Total:					33.48
Vendor: 6784 - SOUTHWEST OFFSET PRINTING CO INC					
100-1605-7739	SOUTHWEST OFFSET PRINTIN...	Fall 2025 Duarte City News Printing and Mailing	208859		8,154.01
Vendor 6784 - SOUTHWEST OFFSET PRINTING CO INC Total:					8,154.01
Vendor: 6782 - SPRINGBROOK REALTY ADVISORS INC					
100-2121	SPRINGBROOK REALTY ADVIS...	Crestfield Affordable Housing Analysis (R106186)	21722	202424- 100-2121/1433 Crestf..	1,890.00
Vendor 6782 - SPRINGBROOK REALTY ADVISORS INC Total:					1,890.00
Vendor: 2688 - STAPLES CONTRACT & COMMERCIAL INC					
100-1405-7614	STAPLES	Office Supplies	6040733443		123.76
100-1405-7614	STAPLES	Office Supplies	6040811162		90.82
100-1805-7614	STAPLES	Office Supplies	6041675199		90.69
100-1825-7613	STAPLES	Copier Paper	6041675199		77.51
100-1405-7614	STAPLES	Office Supplies	6041931514		132.54
Vendor 2688 - STAPLES CONTRACT & COMMERCIAL INC Total:					515.32
Vendor: 6288 - SUNTREK INDUSTRIES INC					
100-1610-7652	SUNTREK INDUSTRIES INC	FC Pool Solar System Inspection/Repair	48446		630.00
Vendor 6288 - SUNTREK INDUSTRIES INC Total:					630.00
Vendor: 5307 - SUPERIOR PROPERTY SERVICES INC					
100-1410-7814	SUPERIOR PROPERTY SERVICE...	Graffiti Removal 8/2025	18512		2,157.05
Vendor 5307 - SUPERIOR PROPERTY SERVICES INC Total:					2,157.05
Vendor: 4454 - SWANK MOTION PICTURES INC					
100-1605-7735	SWANK MOTION PICTURES INC	TC BBQ & Movie Night 8/29/2025	DB 4050120		210.00
Vendor 4454 - SWANK MOTION PICTURES INC Total:					210.00
Vendor: T4776 - TERRY LIN					
100-2120	TERRY LIN	Pool Rent Deposit Refund 8/31/2025	R109080		200.00
Vendor T4776 - TERRY LIN Total:					200.00
Vendor: 5581 - THOMSON REUTERS-WEST PUBLISHING CORP					
100-1205-7655	THOMSON REUTERS-WEST P...	EOC Software 8/2025	852459127		237.71
Vendor 5581 - THOMSON REUTERS-WEST PUBLISHING CORP Total:					237.71
Vendor: 4674 - TYLER TECHNOLOGIES INC					
100-1815-7820	TYLER TECHNOLOGIES INC	Finance System Support 10/1/2025 - 12/31/2025	025-524810		13,613.94
Vendor 4674 - TYLER TECHNOLOGIES INC Total:					13,613.94
Vendor: 4484 - U.S. BANK					
100-1410-7610	U.S. BANK	Johnny Retamosa Traffic Control Training (MSA)	8252025CH		130.00

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
100-1410-7610	U.S. BANK	Francisco Esparza Traffic Control Training (MSA)	8252025CH		130.00
100-1410-7610	U.S. BANK	Rodney Marroquin Traffic Control Training (MSA)	8252025CH		130.00
100-1410-7610	U.S. BANK	Hugo Pulido Traffic Control Training (MSA)	8252025CH		130.00
100-1410-7610	U.S. BANK	Sean McBride Traffic Control Training (MSA)	8252025CH		130.00
100-1410-7980	U.S. BANK	FS-Water Jugs/Bug Spray/Gloves (Amazon)	8252025CH		342.57
100-1205-7610	U.S. BANK	Larry Breceda Mtg w/Sam Kang (Hope Village)	8252025LB		59.68
100-1205-7614	U.S. BANK	CSO Office Supplies (Amazon)	8252025LB		26.28
100-1205-7614	U.S. BANK	CSO Office Supplies (Target)	8252025LB		7.17
100-1205-7614	U.S. BANK	Office Supplies (Amazon)	8252025LB		9.43
100-1205-7615	U.S. BANK	EOC Laptop (Costco)	8252025LB		684.53
100-1205-7615	U.S. BANK	Drone Weighted Landing Pad (Hoodman)	8252025LB		133.28
100-1205-7694	U.S. BANK	Public Safety Commission Office Supplies (Amazon)	8252025LB		31.14
100-1205-7694	U.S. BANK	Public Safety Commission Supplies (Amazon)	8252025LB		31.29
100-1205-7694	U.S. BANK	Public Safety Commission Supplies (Amazon)	8252025LB		9.93
100-1205-7694	U.S. BANK	Public Safety Commission Supplies (Amazon)	8252025LB		6.95
100-1205-7779	U.S. BANK	DART Field Trip 8/11/25 (Six Flags)	8252025LB		219.46
100-1205-7779	U.S. BANK	DART Field Trip 8/11/2025 (Six Flags)	8252025LB		756.00
100-1205-7779	U.S. BANK	DART Beach Trip Surf Lessons (Clint Carol)	8252025LB		720.00
100-1205-7779	U.S. BANK	DART Game Night 8/22/25 (Dominos Pizza)	8252025LB		48.55
100-1205-7779	U.S. BANK	NNO 2025 Set-up DART Lunch (The Habit)	8252025LB		47.45
100-1205-7779	U.S. BANK	DART Event 8/5/2025 (Ikea)	8252025LB		551.62
100-1205-7779	U.S. BANK	DART Lego Day Supplies (Walmart)	8252025LB		415.99
100-1205-7779	U.S. BANK	DART Concerts in the Park Dinner (Dominos Pizza)	8252025LB		64.02
100-1205-7779	U.S. BANK	DART Dinner 8/18/25 (Dominos Pizza)	8252025LB		40.84
100-1205-7780	U.S. BANK	AC Paintball Gun Seals (Amazon)	8252025LB		13.91
100-1205-7780	U.S. BANK	AC Bear Deterence Paintballs (Amazon)	8252025LB		47.11
100-1205-7780	U.S. BANK	PC 832 Training Ammunition (Alco Target Co)	8252025LB		482.89
100-1205-7780	U.S. BANK	ACO Gun Locker Pad Lock (Amazon)	8252025LB		58.06
100-1205-7780	U.S. BANK	PSM/CC/ACO Gun Locks (Amazon)	8252025LB		30.68
100-1205-7783	U.S. BANK	A-Team Beach Trip 7/29/25 Parking (City of HB)	8252025LB		60.00
100-1205-7783	U.S. BANK	A-Team Bike Rental 7/29/25 (Jacks Beach)	8252025LB		15.60
100-1205-7783	U.S. BANK	A-Team Beach Trip Lunch 7/29/25 (Jersey Mikes)	8252025LB		379.96
100-1205-7887	U.S. BANK	Flag Base (Amazon)	8252025LB		30.93
100-1205-7980	U.S. BANK	NNO 2025 Supplies (Dollar Tree)	8252025LB	202606-FY26-Other Exp-PS C...	28.45
100-1205-7980	U.S. BANK	NNO 2025 Dunk Tank/Chairs (The Fun Co)	8252025LB	202606-FY26-Other Exp-PS C...	702.97

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
100-1205-7980	U.S. BANK	NNO 2025 Vegan Hot Dogs (Target)	8252025LB	202606-FY26-Other Exp-PS C...	5.89
100-1205-7980	U.S. BANK	Drone Gimbal Cover (Amazon)	8252025LB		15.74
100-1205-7980	U.S. BANK	NNO 2025 Staff Dinner (Tropicana Mkt)	8252025LB	202606-FY26-Other Exp-PS C...	149.98
100-1205-7980	U.S. BANK	CSO Phone Belt Clip (Amazon)	8252025LB		19.80
100-1205-7980	U.S. BANK	NNO 2025 Volunteer Dinner (Dominos Pizza)	8252025LB	202606-FY26-Other Exp-PS C...	115.97
100-1205-7980	U.S. BANK	Office Supplies (Smart & Final)	8252025LB		24.44
100-1205-7980	U.S. BANK	NNO 2025 Supplies (Smart & Final)	8252025LB	202606-FY26-Other Exp-PS C...	373.34
Vendor 4484 - U.S. BANK Total:					7,411.90
Vendor: 0231 - US POSTAL SERVICE					
100-1825-7626	POSTMASTER	City Newsletter Postage	9082025		5,000.00
Vendor 0231 - US POSTAL SERVICE Total:					5,000.00
Vendor: 5835 - WALLACE WOLFF					
100-1405-7690	WALLACE WOLFF	Planning Commission Meeting	8/18/2025		50.00
Vendor 5835 - WALLACE WOLFF Total:					50.00
Vendor: 6113 - WARDS SERVICE					
100-1610-7650	WARDS SERVICE	Vehicle #21 Water Pump Replacement	100056		1,251.34
Vendor 6113 - WARDS SERVICE Total:					1,251.34
Vendor: 5992 - WESTERN EXTERMINATOR COMPANY					
100-1610-7652	WESTERN EXTERMINATOR C...	Facility Pest/Rodent/Mosquito Control 8/2025	594838C		884.01
Vendor 5992 - WESTERN EXTERMINATOR COMPANY Total:					884.01
Fund 100 - GENERAL FUND Total:					676,783.05
Fund: 220 - GAS TAX FUN					
Vendor: 5873 - ELIE FARAH INC					
220-2225-7965	ELIE FARAH INC	3rd of July Traffic Control 6/27/2025 - 7/1/2025	1-DUA25-11		4,500.00
Vendor 5873 - ELIE FARAH INC Total:					4,500.00
Vendor: 2341 - LA COUNTY METROPOLITAN TRANSPORTATION AUTHORITY					
220-2225-7980	LACMTA	ROE Permit (1 Year) Highland Promenade Project	500047124	202106-Other Exps-Highland P..	1,500.00
Vendor 2341 - LA COUNTY METROPOLITAN TRANSPORTATION AUTHORITY Total:					1,500.00
Vendor: 6779 - RAK DEVELOPMENT INC					
220-2225-7965	KREUZER CONSULTING GROUP	Huntington Dr Street Improvements PS&E 8/2025	25-116	202415-Prof Svcs-Huntington ...	27,188.10
Vendor 6779 - RAK DEVELOPMENT INC Total:					27,188.10
Vendor: 0904 - RKA CONSULTING GROUP					
220-2225-8100	RKA CONSULTING GROUP	Speed Surveys and Traffic Counts 7/2025	36270		80.00
Vendor 0904 - RKA CONSULTING GROUP Total:					80.00
Fund 220 - GAS TAX FUN Total:					33,268.10
Fund: 240 - LIGHTING AND LANDSCAPE DISTRICT FUND					
Vendor: 4434 - MARIPOSA LANDSCAPES INC					
240-2410-7915	MARIPOSA LANDSCAPES INC	Parks (14) Landscape Maintenance 8/2025	115457		15,723.51
240-2410-7915	MARIPOSA LANDSCAPES INC	City Facilities (4) Landscape Maintenance 8/2025	115457		2,733.32
240-2410-7915	MARIPOSA LANDSCAPES INC	Misc Locations (8) Landscape Maintenance 8/2025	115457		1,509.99
240-2410-7917	MARIPOSA LANDSCAPES INC	Medians/Pkwys (19) Landscape Maintenance 8/2025	115457		8,312.45
240-2410-7917	MARIPOSA LANDSCAPES INC	Tree Wells (12) Landscape Maintenance 8/2025	115457		459.54
240-2420-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		491.67

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
240-2421-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		1,416.67
240-2422-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		693.80
240-2423-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		1,125.00
240-2424-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		775.01
240-2425-7913	MARIPOSA LANDSCAPES INC	Hearthstone Brush Clearance 8/2025	115457		1,166.67
240-2425-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		416.67
240-2426-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		333.33
240-2427-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		891.67
240-2431-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		891.67
240-2432-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		1,175.00
240-2433-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		750.00
240-2434-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		500.00
240-2435-7914	MARIPOSA LANDSCAPES INC	Landscape Maintenance 8/2025	115457		750.00
240-2435-7918	MARIPOSA LANDSCAPES INC	Ridgecrest Brush Clearance 8/2025	115457		708.33
Vendor 4434 - MARIPOSA LANDSCAPES INC Total:					40,824.30
Vendor: 4142 - RUDY'S PLUMBING INC					
240-2410-7663	RUDY'S PLUMBING INC	Backflow Testing-Huntington Dr Median	12386		140.00
Vendor 4142 - RUDY'S PLUMBING INC Total:					140.00
Fund 240 - LIGHTING AND LANDSCAPE DISTRICT FUND Total:					40,964.30
Fund: 290 - SUPPLEMENTAL LAW ENFORCEMENT FUND					
Vendor: 0056 - LOS ANGELES COUNTY SHERIFF'S DEPARTMENT					
290-2905-7781	LOS ANGELES COUNTY SHERIF...	Sheriff Contract 8/2025	260215TZ		13,191.67
Vendor 0056 - LOS ANGELES COUNTY SHERIFF'S DEPARTMENT Total:					13,191.67
Fund 290 - SUPPLEMENTAL LAW ENFORCEMENT FUND Total:					13,191.67
Fund: 400 - PARK DEVELOPMENT GRANT FUND					
Vendor: 5454 - MOORE IACOFANO GOLTSMAN INC					
400-4005-8041	MOORE IACOFANO GOLTSMA...	Boxing Patio at Duarte Park Design Srvcs 8/2025	0092975	202518-Teen Center Outdoor ...	19,988.00
Vendor 5454 - MOORE IACOFANO GOLTSMAN INC Total:					19,988.00
Fund 400 - PARK DEVELOPMENT GRANT FUND Total:					19,988.00
Fund: 440 - PROPOSITION A TRANSIT FUND					
Vendor: 6237 - FAST 5 HOLDING COMPANY LLC					
440-4405-7650	FAST 5 HOLDING COMPANY L...	Citywide Vehicle Cleaning 8/2025	00618		24.00
Vendor 6237 - FAST 5 HOLDING COMPANY LLC Total:					24.00
Vendor: 5307 - SUPERIOR PROPERTY SERVICES INC					
440-4405-7814	SUPERIOR PROPERTY SERVICE...	Graffiti Removal 8/2025	18512		145.42
Vendor 5307 - SUPERIOR PROPERTY SERVICES INC Total:					145.42
Fund 440 - PROPOSITION A TRANSIT FUND Total:					169.42

Council Warrant Register By Vendor

Payment Dates: 9/11/2025 - 9/24/2025

Account Number	Vendor DBA	Description (Item)	Payable Number	Project Account Key	Amount
Fund: 460 - PROPOSITION C TRANSIT FUND					
Vendor: 5307 - SUPERIOR PROPERTY SERVICES INC					
460-4605-7814	SUPERIOR PROPERTY SERVICE...	Graffiti Removal 8/2025	18512		121.18
Vendor 5307 - SUPERIOR PROPERTY SERVICES INC Total:					121.18
Fund 460 - PROPOSITION C TRANSIT FUND Total:					121.18
Fund: 620 - COMMUNITY IMPROVEMENT FUND					
Vendor: 6749 - GREEN GIANT LANDSCAPE INC					
620-2127	GREEN GIANT LANDSCAPE INC	Retention-Highland Promenade Project	1202-003	202106-Retention-620-2127-H..	-7,050.85
620-6225-8100	GREEN GIANT LANDSCAPE INC	Highland Promenade Project	1202-003	202106-Other Cap-620-6225-H..	141,017.00
Vendor 6749 - GREEN GIANT LANDSCAPE INC Total:					133,966.15
Fund 620 - COMMUNITY IMPROVEMENT FUND Total:					133,966.15
Grand Total:					918,451.87

Report Summary**Fund Summary**

Fund	Payment Amount
100 - GENERAL FUND	676,783.05
220 - GAS TAX FUN	33,268.10
240 - LIGHTING AND LANDSCAPE DISTRICT FUND	40,964.30
290 - SUPPLEMENTAL LAW ENFORCEMENT FUND	13,191.67
400 - PARK DEVELOPMENT GRANT FUND	19,988.00
440 - PROPOSITION A TRANSIT FUND	169.42
460 - PROPOSITION C TRANSIT FUND	121.18
620 - COMMUNITY IMPROVEMENT FUND	133,966.15
Grand Total:	918,451.87

Account Summary

Account Number	Account Name	Payment Amount
100-1005-7642	Travel & Exp - Finlay	112.50
100-1010-7610	Travel, Mtgs & Conf	276.80
100-1010-7612	Publications and Dues	262.50
100-1010-7965	Professional Services	2,693.22
100-1015-7684	Code Enforcement Legal	11,418.18
100-1020-7712	Community Information ...	8,032.60
100-1020-7724	Post Office Parking	312.00
100-1020-7726	Council Cablecasting	300.00
100-1025-7703	Contract Cities Assoc	4,700.00
100-1205-7610	Travel, Mtgs & Conf	59.68
100-1205-7612	Publications and Dues	525.00
100-1205-7614	Office Supplies	42.88
100-1205-7615	Emergency Supplies	817.81
100-1205-7650	Vehicle Maintenance	160.00
100-1205-7655	Emergency Services	8,193.71
100-1205-7694	Public Safety Commission	79.31
100-1205-7779	Youth Programs	3,312.84
100-1205-7780	Animal Control	949.59
100-1205-7781	Contract Law Enforceme...	481,541.31
100-1205-7782	Crossing Guard Contract...	2,560.42
100-1205-7783	A-Team Program	7,195.56
100-1205-7887	Repairs & Replacements	30.93
100-1205-7980	Other Expenses	1,510.07
100-1205-8030	Other Equipment	6,500.00
100-1405-7614	Office Supplies	375.82
100-1405-7650	Vehicle Maintenance	80.00
100-1405-7690	Planning Commission	200.00
100-1405-7800	Building Department Ser...	1,222.40
100-1405-7965	Professional Services	8,585.00
100-1405-7969	City Engineer	4,270.00
100-1405-7980	Other Expenses	10,532.50
100-1410-7610	Travel, Mtgs & Conf	650.00
100-1410-7650	Vehicle Maintenance	8.00
100-1410-7814	Graffiti Removal	2,157.05
100-1410-7815	Brush Clearance	2,156.00
100-1410-7980	Other Expenses	342.57
100-1415-7889	Repairs-Sports Park	1,255.17
100-1415-7916	Landscape-Sport Park	3,426.72
100-1605-7612	Publications and Dues	165.00
100-1605-7650	Vehicle Maintenance	24.00
100-1605-7732	City Picnic	3,170.89
100-1605-7733	Senior Center	475.00
100-1605-7735	Teen Center	359.92
100-1605-7736	Youth & Adult Recreatio...	501.20
100-1605-7737	Adult Excursions	56.70

Account Summary

Account Number	Account Name	Payment Amount
100-1605-7739	Publicity	8,154.01
100-1605-7741	Sports/Playground Progr...	525.99
100-1605-7745	Boxing Program	781.22
100-1605-7965	Professional Services	754.79
100-1605-7980	Other Expenses	41.22
100-1610-7617	Pool Chemicals	1,359.54
100-1610-7618	Building Supplies	105.14
100-1610-7636	Uniforms	85.56
100-1610-7650	Vehicle Maintenance	1,321.53
100-1610-7652	Building Maint Services	11,360.30
100-1805-7612	Publications and Dues	262.50
100-1805-7614	Office Supplies	90.69
100-1805-7654	Audit Services	11,925.00
100-1810-7980	Other Expenses	180.00
100-1815-7632	Software	2,457.00
100-1815-7820	Finance Software	13,613.94
100-1825-7613	Duplications And Photos	77.51
100-1825-7626	Postage	5,000.00
100-1825-7630	Equipment Lease	4,949.10
100-1825-7631	Equipment Maintenance	150.19
100-2012	Green Building Fees Pay...	1.00
100-2013	Strong Motions Fees Pay...	0.50
100-2120	Refundable Deposits	1,300.00
100-2121	Pass Through Deposits	30,401.87
100-2125	Metro Pass Through (TA...	45.00
100-4201	Building Permits	238.60
220-2225-7965	Professional Services	31,688.10
220-2225-7980	Other Expenses	1,500.00
220-2225-8100	Other Capital Improvem...	80.00
240-2410-7663	Other Serv-Medians	140.00
240-2410-7915	Landscape-Citywide	19,966.82
240-2410-7917	Landscape-Medians	8,771.99
240-2420-7914	Landscape Maintenance	491.67
240-2421-7914	Landscape Maintenance	1,416.67
240-2422-7914	Landscape Maintenance	693.80
240-2423-7914	Landscape Maintenance	1,125.00
240-2424-7914	Landscape Maintenance	775.01
240-2425-7913	Brush Clearance	1,166.67
240-2425-7914	Landscape Maintenance	416.67
240-2426-7914	Landscape Maintenance	333.33
240-2427-7914	Landscape Maintenance	891.67
240-2431-7914	Landscape Maintenance	891.67
240-2432-7914	Landscape Maintenance	1,175.00
240-2433-7914	Landscape Maintenance	750.00
240-2434-7914	Landscape Maintenance	500.00
240-2435-7914	Landscape Maintenance	750.00
240-2435-7918	Fuel Modification	708.33
290-2905-7781	Contract Law Enforceme...	13,191.67
400-4005-8041	Park Improvements (Cap...	19,988.00
440-4405-7650	Vehicle Maintenance	24.00
440-4405-7814	Graffiti Removal	145.42
460-4605-7814	Graffiti Removal	121.18
620-2127	Retention Payable	-7,050.85
620-6225-8100	Other Capital Improvem...	141,017.00
Grand Total:		918,451.87

Project Account Summary

Project Account Key	Payment Amount
None	700,156.36
202106-Other Cap-620-6225-Highland Promenade-Msr M	141,017.00
202106-Other Exps-Highland Promenade Measure M	1,500.00
202106-Retention-620-2127-Highland Promenade-Msr M	-7,050.85
202118-ATP Cycle 4-Professional Svcs	812.50
202412-Prof Svc-FY24 Bike Trail Rehab Proj	2,307.50
202415-Prof Svcs-Huntington Dr Street Improvements	27,188.10
202417-dep-Westminister Garden Specific Plan & EIR	3,454.73
202421-Prof Svcs-FC Pool Deck Renovation	754.79
202424- 100-2121/1433 Crestfield(Andres Duarte)	26,947.14
202518-Teen Center Outdoor Boxing Patio Project	19,988.00
202606-FY26-Other Exp-PS Comm Outreach Program	1,376.60
Grand Total:	918,451.87



PUBLIC SAFETY STATUS REPORT September 2025



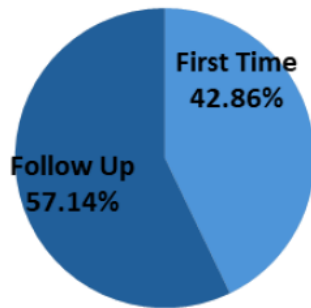
PROJECT/PROGRAM	STATUS
<u>L.A. COUNTY SHERIFF'S DEPARTMENT</u>	
1. Part 1 Crimes	Year to date, Part 1 crimes have decreased by 11.1 % compared to the same period last year, representing a meaningful improvement in community safety. The most notable reductions have been in robberies and burglaries, highlighting the success of targeted enforcement efforts and proactive crime prevention strategies. Moving forward, the Public Safety Department will place an additional focus on addressing aggravated assaults to ensure progress continues across all crime categories.
2. Special Assignment Team	The City's Special Assignment Team recently conducted a comprehensive training session with Foothill Family, a nonprofit organization that provides mental health, behavioral health, and social services to children, youth, and families throughout the San Gabriel Valley. Their staff work directly in schools, homes, and community settings, often engaging with vulnerable populations who may be at higher risk of exposure to public safety concerns. The training was designed to enhance both staff safety and coordination with Law Enforcement. Instruction was provided in the following areas: • Active Shooter Response • Safety Protocols for Field Work • Gang Violence Awareness and Prevention • When to Call 911 vs. the Business Line • Services Provided by Duarte Public Safety • De-escalation Tactics This training was critically important in strengthening our partnership with Foothill Family, ensuring their staff are better prepared to respond to safety concerns, and enhancing overall collaboration with Public Safety. These efforts directly support the City's ongoing goal of building community partnerships to maintain a safe environment for residents, schools, and service providers.
3. Neighborhood/ Business Watch	Deputies and Public Safety staff is currently in discussions with the Duarte Chamber of Commerce to coordinate the first joint Business Safety Meeting. This event will invite businesses throughout the City of Duarte to engage directly with Public Safety staff and partner agencies.

PROJECT/PROGRAM	STATUS
	The goal of the meeting is to provide a forum for businesses to: • Share safety concerns specific to their locations or industry. • Receive target hardening tips to reduce vulnerability to crime. • Review local crime trends and learn how they may impact business operations. • Gain access to resources available through the City, including outreach programs, Code Enforcement, and other Public Safety services. • Address law enforcement, related concerns with representatives who can provide guidance and follow-up. This initiative is an important step toward strengthening collaboration between Duarte’s business community and Public Safety. By fostering direct communication, we can better understand the needs of local businesses, deliver practical strategies to improve safety, and reinforce trust between the City, law enforcement, and the business sector. Ultimately, this effort reflects the City’s ongoing commitment to ensuring Duarte businesses have the tools, resources, and support necessary to thrive in a safe and secure environment. On Wednesday, October 1, 2025, deputies will host “Starbucks with the Sheriffs” at Starbucks, located at 1263 Huntington Drive, Duarte, from 8:30 a.m. to 11:00 a.m. This community engagement event provides residents and business owners the opportunity to meet informally with deputies and Public Safety staff, ask questions, share concerns, and build stronger relationships with law enforcement. Events like these continue to strengthen trust and collaboration between the community and Public Safety, while creating a welcoming environment for open dialogue.
<u>MEASURE H and OUTREACH COORDINATION</u>	
1. Outreach Coordination	Erika Ramos’s unofficial homeless count for the month stands at 5 individuals, based on three or more contacts within a two-week period. Individuals are removed from the list after six weeks of no contact. Over the past month, Erika has conducted 170 interactions with individuals experiencing homelessness, providing essential services and information on Duarte regulations. Staff has developed and launched a new Homeless Hotline flyer aimed at encouraging local businesses to collaborate with Public Safety in supporting individuals experiencing homelessness.

PROJECT/PROGRAM	STATUS
	The flyer provides clear information on how to report individuals in need of assistance, connecting them with the appropriate resources through the City’s Homeless Response Team. To ensure direct engagement, the Outreach Coordinator, Erika Ramos, personally visited businesses throughout the City to distribute the flyer and discuss the initiative with business owners. This proactive approach not only increases awareness of available services but also strengthens partnerships with the business community, ensuring a more coordinated response to homelessness in Duarte. Flier attached to report.
2. L.A. CADA	<i>Note: The following data is based on prior month’s reporting, as L.A. CADA was unable to provide updated numbers in time for this report’s submission.</i> The L.A. CADA Supplemental Team, dedicated to assisting individuals who are newly homeless or at risk of homelessness, first began their work in Duarte on September 22, 2022. As of August 2025, the team is now available to respond within the City five days a week, with an average response time of 30–60 minutes for referrals made during business hours. Recent program changes expanded LA CADA’s service area under Cohort 2, which now includes Duarte, Monrovia, Bradbury, Covina, and the newly added cities of South El Monte and Industry. During this reporting period, the Supplemental Team engaged with 21 individuals, 9 of whom were first-time encounters and 12 follow-ups, and 0 individual(s) who refused supportive services. The primary areas with the highest number of encounters were identified as Dollar Tree and Huntington Drive.
3. Pathway Home	Individuals on Duarte’s housing list continue to make progress toward securing stable housing. Currently there are 19 individuals actively being tracked; 9 females and 10 males. - 3 individuals have been successfully placed into more permanent housing. - 4 individuals have housing vouchers in hand and are actively searching for placements. - 5 individuals have pending housing vouchers and are awaiting approval. - 3 individuals remain in the housing navigation phase, working toward placement. - 4 individual(s) self-exited from the program.

PROJECT/PROGRAM	STATUS
	As housing vacancies become available, Pathway continues to move down Duarte’s list to connect individuals with available units, ensuring that those in need receive the necessary support. The City remains committed to working with housing partners to facilitate stable placements and provide essential resources for long-term housing stability.
<u>EMERGENCY PREPAREDNESS</u>	
1. Emergency Operations Center (EOC)	On September 3, 2025, The City signed a Letter of Commitment with the San Gabriel Valley Council of Governments (SGVCOG) and regional partners in support of SGVCOG’s application to the California FireSafe Council’s 2025 State Fire Capacity Grant Program. The proposed Wildfire Preparedness & Mitigation Assessment Program would provide free property assessments, educational resources, and tailored recommendations to homeowners, helping them prepare through home hardening and defensible space improvements. This regional effort, shaped by lessons from the Eaton Fire earlier this year, underscores Duarte’s commitment to proactive wildfire preparedness and community resilience. Letter attached to this report.





STATS OVER THE PAST MONTH

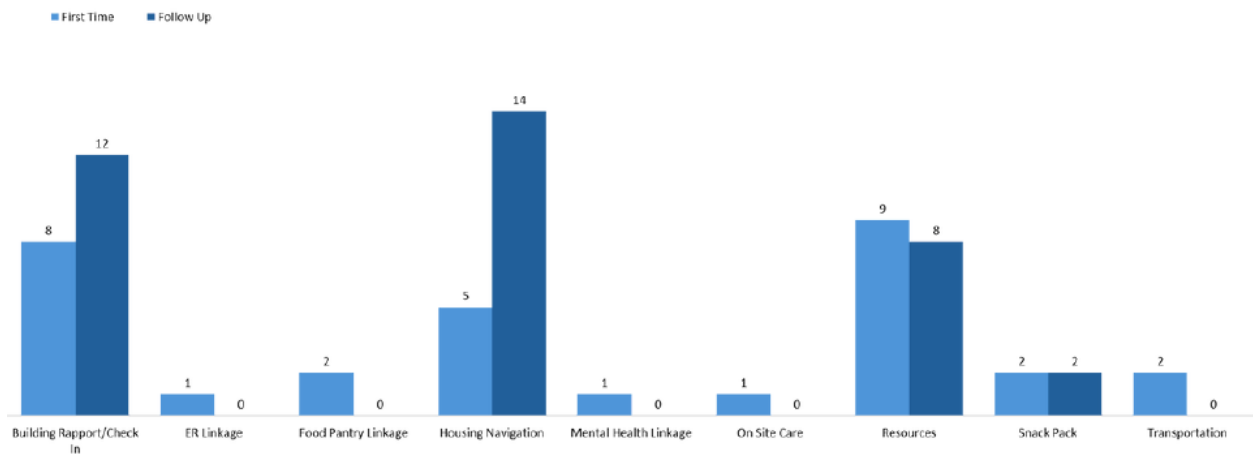
According to our data collected on 7/01/2025 to 7/31/2025, we made **21 engagements** of which **9** were first time engagements, **12** follow up engagements with **0** engagements refusing supportive services.

HIGHLIGHTS

- Team linked 2 individuals to food pantry services at Shepherd's Pantry.
- Team linked 1 individual to mental health services.
- Team provided 19 housing navigation services.

FUTURE GOALS

- Focus outreach efforts with individuals that are proactively working towards their housing plans.
- Continue to prioritize HMIS enrollment and data entry.



Locations with the highest amount of encounters this month:

**DOLLAR TREE/
HUNTINGTON DR**

ENGAGED: MADE CONTACT WITH THE CLIENT
 ENROLLED: THE CLIENT WAS OFFICIALLY ASSESSED AND SIGNED UP/ENTERED INTO A PROGRAM, INTAKE WAS COMPLETED (EXAMPLE: HOUSING NAVIGATION)
 REFERRED: THE CLIENT WAS DIRECTED TO/PROVIDED A SUPPORTIVE SERVICE OR RESOURCE TO ADDRESS A PARTICULAR NEED, BUT NOT YET LINKED
 LINKED: THE CLIENT MADE ACTUAL CONTACT WITH/CONNECTION TO THE REFERRAL AND RECEIVING THE SERVICE OR RESOURCE; OR A CLIENT IS LINKED TO HOUSING BUT THAT DOES NOT NECESSARILY MEAN THEY'VE MOVED INTO THAT HOUSING PLACEMENT YET
 PLACEMENTS: THE CLIENT OFFICIALLY MOVED INTO AN INTERIM OR PERMANENT HOUSING SITE



LET'S WORK TOGETHER AS A COMMUNITY



- ① Have you seen someone, or know someone on the street experiencing homelessness? If so, please call the homeless hotline at (626) 386-6819.
- ② When calling the hotline, please provide a description of the person and the location where the person was last seen.
- ③ A City Outreach Coordinator will contact the person to gather information and offer services.



HOMELESS HOTLINE: (626)386-6819
EMAIL: ERAMOS@CITYOFDUARTE.CA.GOV

Starbucks with The Sheriffs

**Wed. October 1
8:30 - 11 AM**

**Starbucks
1263 Huntington Dr.
Duarte, CA 91010**

**Join LASD Deputies &
Public Safety Staff for a cup
of coffee and conversation**

For questions call (626) 359-5671 ext. 316





OFFICERS

President
Ed Reece

1st Vice President
Cory Moss

2nd Vice President
Michael Allawos

3rd Vice President
Andrew Chou

MEMBERS

Alhambra

Arcadia

Azusa

Baldwin Park

Bradbury

Claremont

Covina

Diamond Bar

Duarte

El Monte

Glendora

Industry

Irwindale

La Cañada Flintridge

La Puente

La Verne

Monrovia

Montebello

Monterey Park

Pasadena

Pomona

Rosemead

San Dimas

San Gabriel

San Marino

Sierra Madre

South El Monte

South Pasadena

Temple City

Walnut

West Covina

First District, LA County
Unincorporated Communities

Fifth District, LA County
Unincorporated Communities
SGV Water Districts

August 31, 2025

California FireSafe Council

730 I Street #236

Sacramento, CA 95814

Subject: Letter of Commitment for SGVCOG's California FireSafe Council State Fire Capacity Grant Application

Dear California FireSafe Council State Fire Capacity Grant Administrative Review Team,

Please find this Letter of Commitment with signatures from our partners committed to supporting neighborhoods, community spaces, and residents across the San Gabriel Valley (SGV) in improving fire safety and resilience. Together, we will advance the Wildfire Preparedness & Mitigation Assessment Program as part of our proposed project under the California FireSafe Council 2025 State Fire Capacity Grant Program.

The urgency of wildfires resiliency has only intensified following the Eaton Fire, which began on January 7, 2025, near Eaton Canyon in the San Gabriel Mountains. Fueled by strong Santa Ana winds, the fire spread rapidly into nearby foothill communities, including Altadena, triggering evacuations and straining emergency communication systems. This incident reinforced what many municipalities across the SGV already knew: wildfire risk is growing. Preparedness through home hardening, defensible space, and public education is essential to mitigate the ever-increasing wildfires in the SGV.

In response, the San Gabriel Valley Council of Governments (SGVCOG) is advancing a home hardening and defensible space outreach program that will provide free property assessments, educational resources and tailored recommendations to SGV homeowners. These assessments will be offered prior to formal inspections conducted by local municipalities or enforcement authorities, ensuring residents are informed well in advance of potential out-of-compliance fees or fines. This work aligns with regional priorities outlined in Fire Prep SGV and reflects SGVCOG's forward-looking, cost-effective approach to wildfire resilience.

By signing this letter, we commit to supporting the launch of the Wildfire Preparedness & Mitigation Assessment Program. We recognize the need for a proactive approach to fire resiliency that prepares the San Gabriel Valley in the face of increasing wildfire risk.

Sincerely,

Marisa Creter

Executive Director

San Gabriel Valley Council of Governments

San Gabriel Valley Council of Governments
1333 S. Mayflower Avenue, Suite 360, Monrovia CA 91016

We, the undersigned, are committed to supporting the SGVCOG's California FireSafe Council State Fire Capacity Program Grant implementation.



Brad Weisshaupt

Brad Weisshaupt
Assistant Chief, Forestry
LA County Fire Department



Brent Bartlett

Brent Bartlett
Fire Chief
City of Sierra Madre



Larry Breceda

Larry Breceda
Director of Public Safety Services
City of Duarte



Adam Pirrie

Adam Pirrie
City Manager
City of Claremont



William Ramseyer

William Ramseyer
Meadows Firesafe Council
Altadena



AGENDA REPORT

MEETING DATE: September 23, 2025

TO: Mayor and Members of the City Council

FROM: Manuel Enriquez, Director of Parks and Recreation

SUBJECT: Professional Services Agreement with Dahlin Group, Inc. for Design Services for Phase II of the Duarte Park Revitalization Project

RECOMMENDATION: It is recommended that the City Council: 1) Authorize the City Manager to execute this Professional Services Agreement with Dahlin Group, Inc. for design services of Phase II of the Duarte Park Revitalization Project and 2) Approve a budget amendment of \$63,200.

FISCAL IMPACT: The cost for Dahlin Group, Inc.'s professional design services is \$312,000, plus a 10% contingency for a total of \$343,200. A budget amendment of \$63,200 is required, increasing the budgeted amount in FY 2025/26 from \$280,000 to \$343,200 (100-1605-7965).

BACKGROUND

In March of 2024, the City Council received and approved the final conceptual site design plan for the Duarte Park Revitalization Project. The project is intended to rejuvenate the park by replacing outdated amenities with new infrastructure, including a fully inclusive playground and surfacing, new restrooms, an off-leash dog park for both small and large dogs, a new park building, an expansion to the Teen Center, and additional parking. However, due to the project's estimated total cost, the City Council decided to implement the project in phases.

Funding for Phase One, the Duarte Teen Center Boxing Patio Extension, was allocated and approved by the Council in Fiscal Year 2024/25 budget. Construction documents have recently been completed, and the project is tentatively scheduled to go out for public bid next month.

DISCUSSION/ANALYSIS

The City Council included funding for the design services for Phase Two of the Duarte Park Revitalization Project in the current Fiscal Year 2025/26 budget. Phase Two includes the design and construction documents of an inclusive playground with appropriate surfacing, a park gazebo,

restrooms, a designated off-leash dog park area for both small and large dogs, a basketball court, park monument signage, landscaping enhancements, and security lighting.

To support the City with design development and construction documents for this second phase of the project, including bidding support services, staff is recommending securing the design services of Dahlin Group, Inc. With 47 years of design expertise and over 70 municipal projects completed, Dahlin has a proven track record. Their notable projects include the Emerald Glen Recreation & Aquatic Complex for the City of Dublin, the Washington Community Swim Center in Sunnyvale, and the recently awarded Town Square project for the City of Lakewood. Construction documents should be completed by April 2026, so that City Council can consider construction funding in the fiscal year 2026/27 budget process.

While the total cost for Dahlin's design services is being recommended to be funded out of the General Fund, City staff is actively in discussion with the Los Angeles County Regional Park and Open Space District to potentially apply the City's Measure A Annual Allocation funding towards this project cost. Staff will provide updates to City Council should the grant application be approved.

RECOMMENDATION

It is recommended that the City Council: 1) Authorize the City Manager to execute this Professional Services Agreement with Dalhin Group, Inc. for design services of Phase II of the Duarte Park Revitalization Project and 2) Approve a budget amendment of \$63,200.

FISCAL IMPACT

The cost for Dahlin Group, Inc.'s professional design services is \$312,000, plus a 10% contingency for a total budget of \$343,200. A budget amendment of \$63,200 is required, increasing the budgeted amount in FY 2025/26 from \$280,000 to \$343,200 (100-1605-7965).

ATTACHMENTS

A. Professional Services Agreement

Fiscal Review:



Kristen Petersen
Assistant City Manager/
Director of Administrative Services

Reviewed and Approved:



Brian Villalobos
City Manager

CITY OF DUARTE AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT FOR PROFESSIONAL SERVICES (“**Agreement**”) is made and effective as of _____ (“**Effective Date**”), by and between the City of Duarte (“**City**”), and Dahlin Group, Inc., a California corporation, (“**Consultant**”). City and Consultant may sometimes herein be referred to individually as a “**Party**” and collectively as the “**Parties**.” In consideration of the mutual covenants and conditions set forth herein, and for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, the Parties agree as follows:

1. RECITALS

The City wishes to engage the services of Consultant to provide the necessary design development and construction documents for the second phase of the Duarte Park Revitalization Project as described further in this Agreement. Consultant wishes to provide all such services and has the necessary expertise and competency to provide such services.

2. TERM

This Agreement shall commence on the Effective Date and shall remain and continue in effect until June 30, 2026, or until the tasks listed in the Scope of Services are completed, whichever is later, unless sooner terminated pursuant to the provisions of this Agreement. The term may be extended upon execution of a written amendment between the Parties.

3. SERVICES AND PERFORMANCE

A. In compliance with all terms and conditions of this Agreement, Consultant shall perform site investigation and analysis, design development documents, prepare a probable cost model, produce construction documents and provide bidding assistance for the project. The services are more particularly described in the “**Scope of Services**,” which is attached hereto and incorporated herein by this reference as Exhibit A. The services may be referred to herein as the “**Services**” or “**Work**.” In the event of any inconsistency between the terms of Exhibit A and this Agreement, the terms of this Agreement shall govern.

B. As a material inducement to City entering into this Agreement, Consultant represents and warrants that Consultant is a provider of first-class work and services, and Consultant is experienced in performing the type of work and services contemplated herein. The minimum standard of care for all professional services performed or furnished by Consultant under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Consultant represents that the Services will be performed by Consultant or under its direct supervision, and that all personnel engaged in such Work shall be fully qualified and shall be authorized and permitted under applicable Federal, State, and local law to perform such Work. Consultant shall pay all wages, salaries, and other amounts due to such personnel in connection with their performance of the Services and as required by law

C. The experience, knowledge, capability, and reputation of Consultant, its principals, and employees were a substantial inducement for City to enter into this Agreement. Therefore, without the prior written approval of City, which may be given or withheld at City's sole and absolute discretion, Consultant shall not (i) contract with any other entity to perform in whole or in part the Services required hereunder; or (ii) transfer, assign, convey, or encumber (voluntarily or by operation of law) any or all of this Agreement.

D. Consultant shall obtain and maintain at its sole cost and expense such licenses, permits, and approvals as may be required by law for the performance of the Services required by this Agreement prior to the commencement of Services. Consultant shall have the sole obligation to pay for any fees, assessments, and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for Consultant's performance of the Services, and shall indemnify, defend, and hold harmless City and its elected and appointed officials, boards, members, officers, agents, representatives, employees, and volunteers ("**City Personnel**") against any such fees, assessments, taxes, penalties, or interest levied, assessed, or imposed against City related to the Services.

E. Consultant shall provide all Services rendered hereunder in accordance with all ordinances, resolutions, statutes, rules, and regulations of City and any Federal, State, or local governmental agency having jurisdiction in effect at the time Service is rendered. Each and every provision required by law to be included in this Agreement shall be deemed to be included, and this Agreement shall be read and enforced as though they were included.

F. Consultant shall assume all costs arising from the use of patented or copyrighted materials, including, but not limited to, equipment, devices, processes, and software programs, used or incorporated in the Services or Work performed by Consultant under this Agreement. Pursuant to Paragraph 7, Consultant shall indemnify, defend (with legal counsel acceptable to City), and hold City and City Personnel harmless from any and all suits, actions, or proceedings of every nature for or on account of the use of any patented or copyrighted materials.

G. Consultant shall not subcontract the performance of any of the Services without the prior written approval of City.

H. The Parties have determined that prevailing wage laws do not apply to this Agreement because the Services do not include construction, alteration, demolition, installation, or repair work or are otherwise exempt under California's prevailing wage laws (California Labor Code section 1720 et seq.). Notwithstanding the foregoing, it is agreed by the Parties that, in connection with performance of the Services, including, without limitation, any and all "public works" (as defined by applicable law), Consultant shall bear all risks of payment or non-payment of prevailing wages under California law and/or the implementation of California Labor Code section 1781, as the same may be amended from time to time, and/or any other similar law. Pursuant to Paragraph 7, Consultant shall indemnify, defend (with legal counsel acceptable to City), and hold City and City Personnel harmless from and against any liability, loss, damage, cost, or expenses (including but not limited to reasonable attorneys' fees, expert witness fees, court costs, and costs incurred related to any inquiries or proceedings) arising from or related to (i) the noncompliance by Consultant or any party performing the Services of any applicable local, State, and/or Federal law, including, without limitation, any applicable Federal and/or State labor laws

(including, without limitation, the requirement to pay State prevailing wages and hire apprentices); (ii) the implementation of California Labor Code section 1781, as the same may be amended from time to time, or any other similar law; and/or (iii) failure by Consultant or any party performing the Services on Consultant's behalf to provide any required disclosure or identification as required by California Labor Code section 1781, as the same may be amended from time to time, or any other similar law.

4. MANAGEMENT

City's Director of Parks & Recreation shall represent City in all matters pursuant to the administration of this Agreement and review the Services performed by Consultant. The City Manager shall have the authority, subject to the limitations set forth in Paragraph 5, to enlarge the Scope of Services or increase the compensation due to Consultant. Consultant's official representative in the administration of this Agreement shall be Daniel Berghauser, Senior Architect, who shall have the authority to make all decisions for Consultant and bind Consultant to the terms of this Agreement.

5. COMPENSATION

A. City agrees to pay Consultant an amount not to exceed \$312,000.00, based on the Scope of Services set forth in Exhibit A.

B. Consultant shall not be compensated for any Services rendered in connection with its performance of this Agreement that are in addition to those set forth herein, unless such additional services are authorized in advance, and in writing, by the City Manager. Consultant shall be compensated for any additional services in the amounts and in the manner as agreed to by City Manager and Consultant at the time City's written authorization is given. Unless otherwise agreed to by the Parties in writing, all provisions in this Agreement applicable to Consultant's performance of the Services shall also apply to any additional services.

C. Consultant shall be paid monthly and shall submit monthly invoices/reports to City, within ten (10) days following the end of each month, showing actual Services performed. Invoices shall include billings for all charges, including authorized direct costs incurred by Consultant during the month covered by the invoice. Consultant shall be paid on the next regular Council warrant after all required paperwork is submitted. If City disputes whether Consultant has earned its fee or any portion, City shall give written notice to Consultant within thirty (30) days of receipt of Consultant's monthly invoice/report stating the basis for such dispute.

6. SUSPENSION OR TERMINATION OF AGREEMENT

A. City may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving written notice upon Consultant. Upon receipt of said notice, Consultant shall immediately cease all Work under this Agreement, unless the notice provides otherwise. In the event this Agreement is suspended or terminated pursuant to this subparagraph (A), Consultant shall submit a final invoice/report to City pursuant to Paragraph 4, and City shall be entitled to receive a return of the fee paid to Consultant, or portion thereof, if the reason for the termination is failure by Consultant to have timely performed the Services set forth in Exhibit A. In City's sole and absolute discretion, prior to effecting a suspension or termination

pursuant to this subparagraph (A), City may first serve upon Consultant a written notice of the default specifying the default and the amount of time that Consultant shall have to cure, correct, or remedy the default. If Consultant fails to cure the default within the specified period of time, City shall have the right to immediately terminate this Agreement pursuant to this subparagraph (A). Notwithstanding any other provision of this Agreement to the contrary, City's termination of this Agreement pursuant to this subparagraph (A) shall not preclude or prejudice any other remedy to which City may be entitled in law or in equity.

B. Consultant may terminate this Agreement only due to a material breach by City, and only upon not less than thirty (30) days' prior written notice to City which notice shall specify the material default. Upon receipt of such notice, City may, but shall not be obligated to, effect to remedy such default, which remedy will cause the notice of termination to no longer apply, and this Agreement to continue in effect.

7. RECORDS AND OWNERSHIP OF DOCUMENTS

A. Consultant shall maintain complete and accurate records with respect to costs, expenses, receipts, and other such information required by City that relate to the performance of Services under this Agreement. Consultant shall maintain adequate records of Services provided in sufficient detail to produce an evaluation of Services. All such records shall be maintained in accordance with generally accepted accounting principles and shall be clearly identified and readily accessible. Consultant shall provide free access to the representatives of City or its designees at reasonable times to such books and records; shall give City the right to examine and audit said books and records; shall permit City to make transcripts therefrom as necessary; and shall allow inspection of all work, data, documents, proceedings, and activities related to this Agreement. Such records, together with supporting documents, shall be maintained for a period of six (6) years after receipt of final payment.

B. Upon completion of, or in the event of termination or suspension of this Agreement, all original documents, computer files, surveys, notes, and other documents prepared in the course of providing the Services to be performed pursuant to this Agreement ("**Work Product**") shall become the sole property of City and may be used, reused, or otherwise disposed of by City without the permission of Consultant. Consultant shall provide such items to City promptly upon completion of this Agreement. City acknowledges that such Work Product is not intended or represented to be suitable for use unless completed by Consultant, or for use or reuse by City or others on extensions of the Services or Work under this Agreement, or for any other use or purpose, without written verification or adaptation by Consultant. Any such use, reuse, or any modification of the Work Product, without written verification, completion, or adaptation by Consultant, as appropriate for the specific purpose intended, will be at City's sole risk and without liability or legal exposure to Consultant or to its officers, directors, members, partners, agents, employees, and consultants.

C. Any information gained by Consultant in the performance of this Agreement shall be considered confidential and such information and the reports, records, documents, and other materials prepared by Consultant in the performance of Services under this Agreement shall not be released publicly or to any other client of Consultant without the prior written approval of the City Manager.

8. INDEMNIFICATION

A. To the fullest extent permitted by law, except as set forth in subparagraph (B), Consultant shall indemnify, defend (with legal counsel acceptable to City), and hold harmless City and City Personnel from and against any and all claims, actions, suits, claims, demands, judgments, attorneys' fees, costs, damages, losses, penalties, obligations, expenses, or liabilities ("**Claims**") that may be asserted or claimed by any person or entity arising out of, or pertaining to, Consultant's negligence, recklessness, or willful misconduct, whether or not there is concurrent active or passive negligence on the part of City and/or any City Personnel, but excluding any Claims arising from the sole negligence or willful misconduct of City or any City Personnel. Consultant shall defend any action or actions filed in connection with any such claims or liabilities, and shall pay all costs and expenses, including attorneys' fees incurred in connection therewith. Consultant shall promptly pay any judgment rendered against City or any City Personnel for any such claims or liabilities. In the event City and/or any City Personnel is made a party to any action or proceeding filed or prosecuted for any such Claims arising out of or in connection with the Work being performed or Services being provided under this Agreement, Consultant shall pay to City any and all costs and expenses incurred by City or City Personnel in such action or proceeding, together with reasonable attorneys' fees and expert witness fees. Consultant's duty to defend shall consist of reimbursement of defense costs incurred by City in direct proportion to the Consultant's proportionate percentage of fault. Consultant's percentage of fault shall be determined, as applicable, by a court of law, jury, or arbitrator. In the event any loss, liability, or damage is incurred by way of settlement or resolution without a court, jury, or arbitrator having made a determination of Consultant's percentage of fault, the Parties agree to mediation with a neutral third-party to determine Consultant's proportionate percentage of fault for purposes of determining the amount of indemnity and defense cost requirement owed to City.

B. The provisions of this subparagraph (B) apply only if Consultant is a "design professional" within the meaning of California Civil Code section 2782.8(c). If Consultant is a "design professional," within the meaning of Section 2782.8(c), then notwithstanding subparagraph (A), to the fullest extent permitted by law (including, without limitation, California Civil Code sections 2782 and 2782.6), Consultant shall defend (with legal counsel acceptable to City), indemnify, and hold harmless City and City Personnel from and against any Claim that arises out of, pertains to, or relates to, directly or indirectly, in whole or in part, the negligence, recklessness, or willful misconduct of Consultant, any sub-consultant, subcontractor, or any other person directly or indirectly employed by them, or any person that any of them control, arising out of Consultant's performance of any task or Service for or on behalf of City under this Agreement. Such obligations to defend, hold harmless, and indemnify City or any City Personnel, shall not apply to the extent that such Claims are caused, in part, by the sole negligence or willful misconduct of City or City Personnel. Consultant's cost to defend City and/or City Personnel against any such Claim shall not exceed Consultant's proportionate percentage of fault with respect to that Claim; however, pursuant to California Civil Code section 2782.8(a), in the event that one or more of the defendants is unable to pay its share of defense costs due to bankruptcy or dissolution of the business, Consultant shall meet and confer with City (and, if applicable, other parties) regarding any unpaid defense costs. To the extent Consultant has a duty to indemnify City or any City Personnel under this subparagraph (B), Consultant shall be responsible for all incidental and consequential damages resulting directly or indirectly, in whole or in part, from Consultant's negligence, recklessness, or willful misconduct.

C. Consultant hereby authorizes City to deduct from any amount payable to Consultant (whether arising out of this Agreement or otherwise) any amounts the payment of which may be in dispute hereunder or which are necessary to compensate City for any losses, costs, liabilities, or damages suffered by City, and all amounts for which City may be liable to third parties, by reason of Consultant's negligent acts, errors, omissions, or willful misconduct, in performing or failing to perform Consultant's obligations under this Agreement. City in its sole and absolute discretion, may withhold any payment due to Consultant, without liability for interest, an amount sufficient to cover such claim. The failure of City to exercise such right to deduct or withhold shall not act as a waiver of Consultant's obligation to pay City any sums Consultant owes City.

9. INSURANCE

Without limiting Consultant's indemnification obligations of City as set forth in this Agreement, and prior to the commencement of Work, Consultant shall obtain, provide, and maintain, at its own expense, during the entire term of this Agreement including any extension thereof, policies of insurance of the type and amounts described in Exhibit B and in a form satisfactory to City.

A. No Work or Services under this Agreement shall commence until Consultant has provided City with Certificates of Insurance evidencing the required insurance coverages and said Certificates of Insurance are reasonably approved by City. Certificates are to reflect that the insurer will provide thirty (30) days' written notice to City of any cancellation of coverage. In the event any of said policies of insurance are reduced in limits or cancelled for any reason, Consultant shall, prior to the cancellation date, submit new evidence of insurance.

B. The provisions of any workers' compensation or similar law will not limit the obligations of Consultant under this Agreement. Consultant expressly agrees not to use any statutory immunity defenses under such laws with respect to City, its employees, officials, and agents.

C. Consultant agrees to provide immediate notice to City of any claim or loss against Consultant arising out of the Work performed under this Agreement. City assumes no obligation or liability by such notice, but has the right to monitor the handling of any such claim or claims if they are likely to involve City.

D. The City's Director of Administrative Services shall have the authority to adjust or amend the insurance requirements in Exhibit B of this Agreement so long as such amendment or adjustment is agreed to in writing by the Parties.

10. INDEPENDENT CONTRACTOR

A. Consultant is and shall at all times remain as to City a wholly independent contractor. The personnel performing the Services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Neither City nor any of its officers, officials, employees, or agents shall have control over the conduct of Consultant or any of Consultant's officers, employees, or agents. Consultant shall not at any time or in any manner represent that it or any of its officers, employees, or agents is in any manner officers, officials,

employees, or agents of City. Consultant shall not incur or have the power to incur any debt, obligation, or liability whatever against City, or bind City in any manner.

B. No City-provided employee benefits shall be available to Consultant in connection with the performance of this Agreement. Except for the fees paid to Consultant as provided in this Agreement, City shall not pay salaries, wages, or other compensation to Consultant for performing Services hereunder for City. City shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing Services hereunder.

11. NO UNDUE INFLUENCE

Consultant declares and warrants that no undue influence or pressure was or is used against or in concert with any officer or employee of City in connection with the award, terms, or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of City shall receive compensation, directly or indirectly, from Consultant, or from any officer, employee, or agent of Consultant, in connection with the award of this Agreement or any Work to be conducted as a result of this Agreement. Consultant further warrants that it has not employed or retained any company or person other than a bona fide employee working for Consultant, to solicit or secure this Agreement and that it has not paid or agreed to pay any company or person any fee, commission, percentage, brokerage fee, gift, or any other consideration contingent upon, or resulting from, the award or making of this Agreement. For breach or violation of this warranty, City shall have the right to annul this Agreement without liability or, in its discretion, to deduct from this Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

12. NO BENEFIT TO ARISE TO LOCAL EMPLOYEES

No member, officer, or employee of City, or their designees or agents, and no public official who exercises authority over or has responsibilities with respect to this Agreement during his/her tenure or for one (1) year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for Work to be performed in connection with the Services performed under this Agreement.

13. COVENANT AGAINST DISCRIMINATION

Consultant covenants that, by and for itself, its heirs, executors, assigns, and all persons claiming under or through them, that in the performance of this Agreement there shall be no discrimination against or segregation of, any person or group of persons on account of any impermissible classification including, but not limited to, race, color, creed, religion, sex, gender, gender identity, gender expression, physical or mental disability, age, military status, marital or familial status, sexual orientation, national origin, or ancestry.

14. NONLIABILITY OF CITY OFFICERS AND EMPLOYEES

No City Personnel shall be personally liable to Consultant, or any successor in interest, in the event of any default or breach by City or for any amount which may become due to Consultant or to its successor, or for breach of any obligation of the terms of this Agreement.

15. NOTICES

Any notices which either Party may desire to give or may be required to give to the other Party under this Agreement must be in writing and may be given either by (a) personal service; (b) delivery by a reputable document delivery service, such as but not limited to, Federal Express, which provides a receipt showing date and time of delivery; or (c) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, addressed to the address of the Party as set forth below or at any other address as that Party may later designate by notice:

If to City: City of Duarte
 Department of Parks & Recreation
 Attn: Manuel Enriquez
 1600 Huntington Drive
 Duarte, California 91010

If to Consultant: Dahlin Group, Inc.
 Attn: Daniel Berghauser
 505 Technology Drive, Suite 200
 Irvine, CA 92618

16. GOVERNING LAW; ATTORNEYS' FEES; LITIGATION MATTERS

The internal laws of the State of California, without regard to principles of conflicts of laws, shall govern the interpretation of this Agreement. In addition to any other rights or remedies, either Party may take legal action, in law or in equity, to cure, correct, or remedy any default, to recover damages for any default, to compel specific performance of this Agreement, to obtain declaratory or injunctive relief, or to obtain any other remedy consistent with the purposes of this Agreement. Notwithstanding anything in this Agreement to the contrary, in no event shall Consultant be entitled to economic or consequential damages or to punitive damages. In the event of any litigation arising from or related to this Agreement, the prevailing Party shall be entitled to recover from the non-prevailing Party all reasonable costs incurred, including staff time, court costs, attorneys' fees, expert witness fees, and other related expenses. The Superior Court of the County of Los Angeles shall have exclusive jurisdiction over any litigation between the Parties concerning this Agreement. Service of process on City shall be made in the manner required by law for service on a public entity. Service of process on Consultant shall be made in any manner permitted by law and shall be effective whether served inside or outside of California.

17. RIGHTS AND REMEDIES ARE CUMULATIVE; WAIVER

A. Except with respect to rights and remedies expressly declared to be exclusive in this Agreement, the rights and remedies of the Parties are cumulative and the exercise by either Party of one or more of such rights or remedies shall not preclude the exercise by it, at the same or different times, of any other rights or remedies for the same default or any other default by the other Party.

B. No delay or omission in the exercise of any right or remedy by a non-defaulting Party on any default shall impair such right or remedy or be construed as a waiver. No waiver by

either Party of any of the provisions of this Agreement shall be effective unless explicitly set forth in writing and signed by the Party so waiving. Except as otherwise set forth in this Agreement, no failure to exercise, or delay in exercising, any right, remedy, power, or privilege arising from this Agreement shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power, or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power, or privilege.

18. SEVERABILITY

If any portion of this Agreement is found by a court of competent jurisdiction to be invalid, void, illegal, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect and shall in no way affect, impair, or invalidate any other term, covenant, or condition, or provision contained in this Agreement. Upon a determination that any term or provision is invalid, illegal, or unenforceable, the Parties shall negotiate in good faith to modify this Agreement to give effect to the original intent of the Parties as closely as possible in order that the transactions contemplated hereby be performed as originally contemplated to the greatest extent possible.

19. INTERPRETATION; ENTIRE AGREEMENT

The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either Party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply. This Agreement contains the entire understanding between the Parties relating to the obligations of the Parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations, and statements, oral or written, relating to the obligations of the Parties described in this Agreement, are merged into this Agreement and shall be of no further force or effect.

20. CONFLICTS OF INTEREST

Consultant represents, warrants, and covenants that he, she, or it presently has no interest, direct or indirect, which would interfere with or impair in any manner or degree the performance of Consultant's obligations and responsibilities under this Agreement. Consultant further agrees that while this Agreement is in effect, Consultant shall not acquire or otherwise obtain any interest, direct or indirect, that would interfere with or impair in any manner or degree the performance of Consultant's obligations and responsibilities under this Agreement. Consultant acknowledges that pursuant to the provisions of the Political Reform Act (California Government Code section 87100 et seq.), City may determine Consultant to be a "consultant" as that term is defined by the Political Reform Act. In the event City makes such a determination, Consultant agrees to complete and file a "Statement of Economic Interest" with the City Clerk to disclose such financial interests as required by City. In such event, Consultant further agrees to require any other person doing Work under this Agreement to complete and file a "Statement of Economic Interest" to disclose such other person's financial interests as required by City.

21. NO THIRD-PARTY BENEFICIARIES

This Agreement benefits solely the Parties to this Agreement and their respective permitted successors and assigns and nothing in this Agreement, express or implied, confers on any other

person any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement.

22. PARAGRAPH HEADINGS AND SUBHEADINGS

The paragraph headings and subheadings contained in this Agreement are included for convenience only and shall not limit or otherwise affect the terms of this Agreement.

23. COUNTERPARTS

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, and such counterparts shall constitute one and the same instrument.

24. EXECUTION OF CONTRACT

The persons executing this Agreement on behalf of each of the Parties represent and warrant that (i) such Party is duly organized and existing; (ii) they are duly authorized to execute and deliver this Agreement on behalf of said Party; (iii) by so executing this Agreement, such Party is formally bound to the provisions of this Agreement; and (iv) that entering into this Agreement does not violate any provision of any other Agreement to which said Party is bound.

25. CITY MANAGER AUTHORITY

City's City Manager shall have the authority to make non-material changes, non-material amendments, or clerical edits to this Agreement on behalf of the City.

[Signatures on following page.]

IN WITNESS WHEREOF, the City Council of the City of Duarte caused the Agreement to be subscribed by its Mayor or City Manager and said Consultant has executed or caused this Agreement to be executed by its duly authorized officer(s).

CITY OF DUARTE

Dahlin Group, Inc.



City Manager

By: Emily Bonato, AIA

Its: Chief Operating Officer

Date: _____

Date: 9/16/2025

ATTEST

City Clerk

Date: _____

APPROVED AS TO FORM
RUTAN & TUCKER, LLP

City Attorney, City of Duarte

Date: _____

EXHIBIT A

Scope of Services

A. PHASE 10.00 – PROJECT KICK-OFF & SITE ASSESMENT

1. DAHLIN and DAHLIN's Consultants will attend one (1) on-site meeting with OWNER to review the overall PROJECT objectives and conceptual plan, including scope, schedule, program, identified stakeholders, construction cost targets, site data, and requirements of governmental agencies having jurisdiction over PROJECT.
2. DAHLIN and DAHLIN's Consultants will provide the following Site Investigations and Analysis Services:
 - a. On-site observation of existing conditions to the extent those conditions are visible and/or reasonably accessible.
 - b. Boundary, Topographic and Underground Utility survey of PROJECT area, as outlined in Exhibit C.
 - c. Underground Utility locating of PROJECT area, as outlined in Exhibit C.
 - d. ADA Topographic survey.
 - e. Geotechnical Investigation and Reporting; to include soils and percolation testing.
 - f. Review of existing as-built documents, provided by OWNER.
3. DAHLIN will provide written summary including all relevant known conditions that may impact PROJECT objectives, including, but not limited to:
 - a. Review of applicable CITY zoning and land use requirements;
 - b. Summary of primary work areas, reviewing elements of path of travel;
 - c. Relevant Conditions of Approval by CITY;
 - d. Preliminary code assessment;
 - e. Description of PROJECT phasing as it relates to construction cost targets identified by OWNER.
 - f. Review of Conceptual Design, as provided by CITY, in Exhibit C.
 - g. With OWNER's written approval of the PROJECT Scope Description, it will become the Basis of Design in all further phases of PROJECT, unless revised according to terms provided herein.
4. DAHLIN and DAHLIN's Consultants will attend the following meetings as part of this Phase:
 - a. Up to one (1) virtual meeting with CITY and team
 - b. Virtual meetings with the Design Team as needed

B. PHASE 30.0 – SCHEMATIC DESIGN – *Not included in this agreement*

C. PHASE 40.0 - DESIGN DEVELOPMENT

1. With OWNER's written approval of the Site Assessment, DAHLIN and DAHLIN's Consultants will produce Design Development documents that refine the site and building plans utilizing the OWNER provided approved Schematic Design, Exhibit C. DAHLIN will produce the following Design Development documents:
 - a. Architectural Site Plan;
 - b. Accessibility, Notes/Details Sheets;
 - c. Code analysis - Exiting and occupancy plans;
 - d. Floor plans and building plans;
 - e. Enlarged floor plans as required;
 - f. Furniture, fixtures and equipment (FFE) layouts;
 - g. Reflected Ceiling Plan(s);
 - h. Roof plan(s);
 - i. Exterior Elevation(s);
 - j. Typical Building section(s);

-
- k. Wall sections;
 - l. Interior elevations for major building elements;
 - m. Typical details and schedules;
 - n. DAHLIN's Consultant Documentation according to Exhibit B.
2. DAHLIN will incorporate applicable OWNER's Standard Features / Specifications List that identifies major materials, systems, and appliances, which establish, in general, their quality levels, as well as Construction Standards. These items will be used for the basis of design and detailing. Changes to the OWNER's Standard Features / Specifications List that result in revisions to the drawings may result in Additional Services.
 3. Pre-manufactured structure drawings will be provided by OWNER selected vendor.
 4. Coordination with OWNER's consultants during Design Development is included in this scope of services. Minor revisions and adjustments that refine and improve PROJECT design are also included. Substantial revisions to the design initiated by OWNER or OWNER's consultants may require Additional Services
 5. Probable Cost Model Value Engineering:
 - a. DAHLIN will provide Probable Cost Model to the Design Development Documents. Substantial revisions or cost model design options may require Additional Services.
 6. DAHLIN will attend the following meetings as part of this Phase:
 - a. Up to one (1) meeting with CITY Agencies;
 - b. Up to four (4) virtual meetings with OWNER and consultant team;
 - c. Up to one (1) Council or Community Meeting Presentation;
 - d. Virtual meetings with the Design Team as needed.

D. PHASE 50.0 - CONSTRUCTION DOCUMENTS

1. With OWNER's written approval of the Design Development documents and the current probable cost models reviewed and approved with the OWNER, DAHLIN will prepare Construction Documents that will set forth the requirements for construction of the PROJECT.
2. Construction Documents will be produced solely for use by a knowledgeable and experienced General Contractor. Any or part of all systems, materials, connections, and details not specifically provided in these plans are the sole and complete responsibility of the General Contractor to properly verify and install.
3. Construction Documents will reflect information required for general construction and building permit purposes. These documents will include:
 - a. All documents in previous phase.
 - b. Title Sheet and CITY/Agency-required Project Data;
 - c. Generic Code-required signage details and specifications;
 - d. CalGreen Compliance Forms;
 - e. Accessibility, Notes/Details Sheets;
 - f. Code Analysis, Building Occupancy and Exiting Plans and Details;
 - g. Architectural Site Plan;
 - h. Consultant documentation according to Exhibit B.
4. Pre-manufactured drawings and T24 compliance documentation will be provided by OWNER selected vendor.
5. At the completion of Construction Documents phase, DAHLIN will provide a PROJECT Manual that includes the Conditions of the Contract for Construction and Specifications in a "Master Spec" format to support the design documents. Specifications for products may also be called out by notes on the plans and will be considered "or equal" to establish the general

product standards for quality, finish and design intent. DAHLIN will work with OWNER to coordinate their construction / finish standards and general PROJECT specifications with OWNER's required materials to be used on PROJECT. For the architectural components of PROJECT, DAHLIN will coordinate with OWNER's consultants to include their appropriate sections into the PROJECT Manual.

6. DAHLIN will attend the following meetings as part of this Phase:
 - a. Up to one (1) meetings with CITY Agencies;
 - b. Up to eight (8) virtual meetings with OWNER and consultant team.

E. PHASE 50.2 - GOVERNMENT AND AGENCY PLAN REVIEW

1. After completion of Construction Documents, DAHLIN will provide copies of Construction Documents, as a single submittal set for all buildings, to OWNER for submittal to CITY's Building Department for building permit. CITY may elect to send these documents to subcontractors for Plan Check review. OWNER is responsible for the preparation and submission of applications to any building department, agency, or governing body having jurisdiction over PROJECT, including the paying of any and all fees associated with required applications.
2. DAHLIN will revise the documents as required by CITY and/or its Plan Check subcontractor for Plan Review comments returned to DAHLIN.
3. DAHLIN's fee is based on the assumption of a customary number of modifications to the Construction Documents resulting from Government and Agency Plan Review. Substantial revisions, generated by multiple, unanticipated rounds of review, may require Additional Services. Substantial or atypical revisions may also include responses related to Peer Review comments, construction means and methods, exhaustive and/or duplicative detailing, notes, and reviews.
4. OWNER is responsible for ensuring that any Plan Check comments are reviewed and revised by OWNER's consultants.

F. PHASE 60.0 – BIDDING

1. Bidding Assistance services will be provided by DAHLIN as requested by OWNER.
2. If required, advertising for and solicitation of construction bidders shall be provided by OWNER and is not included in DAHLIN's Scope of Services.
3. DAHLIN will coordinate the reproduction of Construction Documents for distribution to CITY, construction bidders and others, as may be required for PROJECT.
4. During the Bidding phase, DAHLIN will participate in a pre-bid conference and the bid-opening if requested, and will provide consultation as requested by OWNER for architectural opinions on the bids, methods, and cost of construction. DAHLIN will also answer bidding questions, review substitution requests and issue addenda, and prepare additions and revisions to Construction Documents as clarifications for bid purposes as Additional Services.
5. OWNER and General Contractor will review and select subcontractor's bids, materials, finishes, fixtures, and items for PROJECT and is responsible for all issues of quality control and installation.
6. DAHLIN will attend the following meetings as part of this Phase:
 - a. Up to one (1) Pre-Bid Conference (Bid Walk);
 - b. Up to one (1) Bid opening

III. COMPENSATION

A. FEE SUMMARY

SCOPE OF SERVICES	FIXED FEE
II.A PH 10.0 – PROJECT KICK-OFF & SITE ASSESSMENT	\$50,000
II.C. PH 40.0 – DESIGN DEVELOPMENT	\$93,000
II.D. PH 50.0 – CONSTRUCTION DOCUMENTS	\$154,000
II.E. PH 50.2 – GOVERNMENT AND AGENCY PLAN REVIEW	\$4,000
II.F. PH 60.0 – BIDDING	\$9,000
TOTAL FEES:	\$310,000

VI. PH 99.0 – REIMBURSABLE EXPENSE ESTIMATE: \$2,000

EXHIBIT B

Insurance Requirements

A. Insurance Required

(1) Commercial General Liability insurance in an amount not less than \$1,000,000 per occurrence, \$2,000,000 general aggregate, for bodily injury, personal injury, and property damage.

(2) Automobile Insurance covering bodily injury and property damage for all activities of Consultant arising out of or in connections with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned, or rented vehicles in an amount not less than \$1,000,000 combined single limit for each accident.

(3) Workers' Compensation Insurance providing statutory benefits as required by California law.

(4) Employer's Liability Insurance with limits in an amount not less than \$1,000,000.

(5) Professional Liability or Errors and Omissions Insurance designed to protect against acts, errors, or omissions of Consultant and "Covered Professional Services" as designated in the policy must specifically include work performed under this Agreement. The policy limit shall be no less than \$1,000,000 per claim and in the aggregate. Any policy inception date, continuity date, or retroactive date must be before the Effective Date of this Agreement, and Consultant agrees to maintain continuous coverage through a period no less than three (3) years after completion of the Services required by this Agreement.

B. All insurance policies required hereunder, except the workers' compensation insurance, shall comply with the following requirements:

(1) All insurance shall be written by insurers that are admitted and licensed to do business in the State of California and with A.M. Best's rating of A- or better and a minimum financial size VII in accordance with the latest edition of Best's Key Rating Guide.

(2) The policies shall be endorsed to name City and its officers, officials, employees, agents, and volunteers as additional insureds.

(3) All of Consultant's insurance: (i) shall contain no special limitations on the scope of protection afforded to the additional insureds; (ii) shall be primary insurance and any insurance or self-insurance maintained by the additional insureds or any of them shall be in excess of Consultant's insurance and shall not contribute with it; (iii) shall be "occurrence" rather than "claims made" insurance; (iv) shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability; (v) shall prohibit Consultant from waiving the right of subrogation prior to a loss except for professional liability;

and (vi) shall not contain any provision or definition that would serve to eliminate so-called “third party action over” claims, including any exclusion for bodily injury to an employee of the insured.

(4) City reserves the right at any time during the term of this Agreement to change the amounts and types of insurance required by giving Consultant ninety (90) days’ advance written notice of such change.

C. Consultant shall renew the required coverage annually as long as City or its employees or agents face an exposure from Consultant’s operations pursuant to this Agreement. Termination of this obligation shall survive the termination or expiration of this Agreement and shall not be effective until City executes a written statement to that effect.



AGENDA REPORT

MEETING DATE: September 23, 2025

TO: Mayor and Members of the City Council

FROM: Craig Hensley, Community Development Director

BY: Marvin Carpio, Assistant Civil Engineer

SUBJECT: Notice of Completion: Fiscal Year 24-25 Street Rehabilitation Project No. 25-6 for ONYX Paving Company Inc.

RECOMMENDATION: It is recommended that the City Council accept the project as complete in the amount of \$1,030,274.33

FISCAL IMPACT: The Fiscal Year 24-25 Street Rehabilitation Project was included in the 24-25 Capital Improvement Program Budget and was funded by the Measure M, SB1, and Measure R allocations. City Council approved the contract with a 10% contingency for \$1,112,100.00 and the final project cost was \$1,030,274.33

BACKGROUND

On April 8, 2025, City Council awarded the contract for FY 24-25 Street Rehabilitation Project to ONYX Paving Company Inc. The scope of the work includes the rehabilitation of the existing asphalt roadway with rubberized asphalt and removal and reconstruction of localized fail pavement. All pavement markings and striping were replaced with reflective thermoplastic. Lastly the project included the installation of ADA ramps, reconstruction of cross gutters and removal and replacement of broken and off grade sidewalk.

The following street segments were included in this project:

1. Bloomdale St from Bradbury Ave to Broadland Ave
2. Bloomdale St from Mountain Ave to Park Rose Ave
3. Bradbury Ave from Broach Ave to Duarte Rd
4. Broadland Ave from Bloomdale St to Maynard Dr
5. Capehart Ave from Broach Ave to Broadland Ave
6. Citrus View Ave from Hurstview St to Duarte Rd
7. Galen St from Buena Vista St to E'ly Terminus
8. Hurlock Ave from Broach Ave to Galen Ave
9. Hurstview St from Mountain Ave to Broach Ave

10. Kellwil Way from Warrington Ave to Bradbury Ave
11. Maynard Dr from Bradbury Ave to Broadland Ave
12. Maynard Dr from Park Rose Ave to E'ly Terminus
13. Park Rose Ave from Hurstview St to Duarte Rd
14. Park Rose Ave from Bloomdale St to S'ly Terminus
15. Starhaven St from Buena Vista to E'ly Terminus
16. Tuckaway Ln from Buena Vista to E'ly Terminus
17. Wardell Ave from Hurstview St to Kellwil Way
18. Warrington Ave from Hurstview St to Duarte Rd

FISCAL IMPACT

The Fiscal Year 24-25 Street Rehabilitation Project was included in the 24-25 Capital Improvement Program Budget and was funded by the Measure M, SB1, and Measure R allocations. City Council approved the contract with a 10% contingency for \$1,112,100.00 and the final project cost was \$1,030,274.33.

RECOMMENDATION

It is recommended that the City Council accept the project as complete in the amount of \$1,030,274.33.

ATTACHMENTS

- A. Before and After Photos
- B. Notice of Completion

Fiscal Review:



Kristen Petersen
Assistant City Manager/

Reviewed and Approved:



Brian Villalobos
City Manager

ATTACHMENT "A"

BEFORE

AFTER



ATTACHMENT “B”

(Please see next page)

RECORDING REQUESTED BY:

CITY OF DUARTE

WHEN RECORDED MAIL TO THIS ADDRESS:

**CITY CLERK
CITY OF DUARTE
1600 Huntington Dr.
Duarte, CA 91010**

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN THAT:

1. The undersigned is OWNER or AGENT of the OWNER of the interest or estate stated below in the property hereinafter described.
2. The full name of the OWNER is: **CITY OF DUARTE**
3. The full address of the OWNER is: **1600 Huntington Dr. Duarte, CA 91010**
4. The nature of the interest or estate of the undersigned is: (i.e., In Fee.) **Fee Interest.**
5. A work of improvement on the property hereinafter described was COMPLETED on **Wednesday, August 27, 2025**
6. The work of improvement completed is described as follows: **FY 24-25 Street Rehabilitation Project**
7. The name of the original contractor, if any, for such work of improvement is: **ONYX Paving Company Inc.**
8. The street address of said property is: **Bloomdale St from Bradbury Ave to Broadland Ave, Bradbury Ave from Broach Ave To Park Rose Ave, Citrus View Ave from Hurstview St to Duarte Rd, Park Rose Ave from Hurstview St to Duarte Rd, Wardell Ave from Hurstview St to Duarte Rd, Warrington Ave from Hurstview St to Duarte Rd, Tuckaway Ln from Buena Vista to E'ly Terminus, Starhaven St from Buena Vista to E'ly Terminus.**
9. The property on which said work of improvement was completed is in the City of Duarte, County of LOS ANGELES, State of CALIFORNIA, and is described as follows: **The scope of the work includes cold milling of asphalt concrete and resurfacing using rubberized asphalt, adjustment of existing utility covers, installing pavement markings and striping, constructing ADA Ramps.**

CITY OF DUARTE

September 23, 2025

Signature of Owner or agent: **Brian Villalobos, City Manager**

VERIFICATION

I, the undersigned, declare under penalty of perjury under the laws of the State of California, that I am the **City Manager of the City of Duarte** of the aforesaid interest or estate in the property described in the above Notice, that I have read the said Notice, that I know and understand the contents thereof, and that the facts stated therein are true and correct.

September 23, 2025 at Duarte, California

Brian Villalobos, City Manager



AGENDA REPORT

MEETING DATE: September 23, 2025

TO: Mayor and Members of the City Council

FROM: Craig Hensley, Community Development Director

BY: Brian Chau, Assistant Civil Engineer

SUBJECT: Notice of Completion: Huntington Drive Median Islands Landscape Improvements Project, No. 25-5, for FS Contractors, Inc.

RECOMMENDATION: It is recommended that the City Council: 1) Accept the project as complete in the amount of \$2,561,282.92 and 2) Approve a budget amendment to the General Fund in the amount of \$28,833.42

FISCAL IMPACT: The Huntington Drive Median Islands Landscape Improvements Project was funded by the General Funds/Special Projects account. City Council approved the contract for \$2,202,130.00 with a 15% contingency totaling \$2,532,449.50. The final project cost was \$2,561,282.92

BACKGROUND

On November 12th, 2024, the City awarded the contract for the Huntington Drive Median Islands Landscape Improvements Project to FS Contractors. The project included the removal of existing concrete, turf, and selective trees and shrubs to install new decorative rock, mulch, and water efficient landscaping. A total of 42 new trees and 2,540 drought resistant plants were planted along the 28 islands on Huntington Drive stretching from Mountain Ave to Encanto Parkway.

The project primarily incurred additional cost due to the upgrade of irrigation electrical system, and the median modification in front of 1230 E. Huntington Dr.

- Electrical Components for Irrigation System – During design, it was believed that the existing irrigation components could be reused. However, when construction began and the components were exposed, it was determined the system had too many intermittent failures and full replacement would be the best option to prevent future recurring maintenance issues.

- Median Modifications at 1230 E. Huntington Dr. – Since the demolition at 1230 E Huntington Dr. (the future hotel site), the old driveway is no longer in use and the new and future access is located further west. The modification of the median layout was required to align properly with the new primary access for the future development and it was more efficient to make this modification now prior to installing the new landscaping improvements.

All changes due to unforeseen field conditions were within the project's approved 15 percent contingency. However, the median modifications at 1230 E. Huntington Dr. cost of \$69,560 brought the total cost of the project to \$2,561,282.92 which is \$28,833.42 above the originally approved amount.

FISCAL IMPACT

The Huntington Drive Median Islands Landscape Improvements Project was funded by the General Funds/Special Projects account. City Council approved the contract for \$2,202,130.00 with a 15% contingency totaling \$2,532,449.50. The final project cost was \$2,561,282.92.

RECOMMENDATION

It is recommended that the City Council: 1) Accept the project as complete in the amount of \$2,561,282.92 and 2) Approve a budget amendment to the General Fund in the amount of \$28,833.42.

ATTACHMENTS

- A. Before and After Pictures
- B. Notice of Completion

Fiscal Review:



Kristen Petersen
Assistant City Manager/
Director of Administrative Services

Reviewed and Approved:



Brian Villalobos
City Manager

ATTACHMENT “A”

Before & After Photos



Before



After



Before



After



After



Before



After

RECORDING REQUESTED BY:

CITY OF DUARTE

WHEN RECORDED MAIL TO THIS ADDRESS:

**CITY CLERK
CITY OF DUARTE
1600 Huntington Dr.
Duarte, CA 91010**

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN THAT:

1. The undersigned is OWNER or AGENT of the OWNER of the interest or estate stated below in the property hereinafter described.
2. The full name of the OWNER is: **CITY OF DUARTE**
3. The full address of the OWNER is: **1600 Huntington Dr. Duarte, CA 91010**
4. The nature of the interest or estate of the undersigned is: (i.e., In Fee.) **Fee Interest.**
5. A work of improvement on the property hereinafter described was COMPLETED on **Wednesday, August 27, 2025**
6. The work of improvement completed is described as follows: **Huntington Drive Island Median Landscape Improvements Project**
7. The name of the original contractor, if any, for such work of improvement is: **FS Contractors, Inc.**
8. The street address of said property is: **The 28 medians on Huntington Drive starting from East Side Mountain Ave to West Side of Encanto Parkway**
9. The property on which said work of improvement was completed is in the City of Duarte, County of LOS ANGELES, State of CALIFORNIA, and is described as follows: **The project scope includes removal of existing decorative concrete, turf, and selective trees and shrubs to install new decorative rock, mulch, and water efficient landscaping.**

CITY OF DUARTE

September 23, 2025

Signature of Owner or agent: **Brian Villalobos, City Manager**

VERIFICATION

I, the undersigned, declare under penalty of perjury under the laws of the State of California, that I am the **City Manager of the City of Duarte** of the aforesaid interest or estate in the property described in the above Notice, that I have read the said Notice, that I know and understand the contents thereof, and that the facts stated therein are true and correct.

September 23, 2025 at Duarte, California

Brian Villalobos, City Manager



AGENDA REPORT

MEETING DATE: September 23, 2025

TO: Mayor and Members of the City Council

FROM: Larry Breceda, Director of Public Safety

SUBJECT: Approval of Lodging for California League of Cities Annual Conference

RECOMMENDATION: Staff recommends that the City Council approve overnight lodging accommodations for Director of Public Safety Services, Larry Breceda, to attend the California League of Cities Annual Conference in Long Beach, California from October 8–10, 2025.

FISCAL IMPACT: Budgeted item in the fiscal year 25/26 annual budget

BACKGROUND

The City of Duarte's Travel Policy (Section 6.E) provides that lodging within fifty (50) miles of the City requires prior City Council approval. The California League of Cities Annual Conference is scheduled to take place at the Long Beach Convention Center in Long Beach, California, approximately 36 miles from Duarte.

The Director of Public Safety Services has been invited to serve as a speaker at the Conference, requiring early morning attendance and participation. In addition, the Conference includes evening networking and educational events.

DISCUSSION/ANALYSIS

Attendance at the Conference provides valuable opportunities for:

- Representing the City of Duarte as a presenter at a statewide municipal forum.
- Gaining current legislative and best-practice knowledge relevant to local government operations.
- Networking with municipal leaders and policymakers to further Duarte's policy objectives.

Overnight lodging will:

- Ensure timely participation in early morning speaking engagements.
- Support full participation in both daytime and evening Conference sessions.

Pursuant to City policy, overnight accommodations less than 50 miles from Duarte require Council approval. Since Long Beach is 36 miles away, this request is presented for formal authorization.

RECOMMENDATION

Staff recommends that the City Council approve overnight lodging accommodations for Director of Public Safety Services, Larry Breceda, to attend the California League of Cities Annual Conference in Long Beach, California from October 8–10, 2025.

FISCAL IMPACT

This is a budgeted item in the FY 25/26 Annual Budget.

ATTACHMENTS

A. Hotel Reservation Confirmation (Hyland Inn Long Beach, Oct. 8–10, 2025)

Fiscal Review:



Kristen Petersen
Assistant City Manager/
Director of Administrative Services

Reviewed and Approved:



Brian Villalobos
City Manager

Stay in Long Beach

Oct 8, 2025 - Oct 10, 2025

Hyland Inn Long Beach

Confirmation:

Expedia itinerary:

Reservation details

Booked

Check in

Wed, Oct 8

3:00 PM

Check out

Fri, Oct 10

10:30 AM

Check in and special instructions

Check-in time starts at 3:00 PM

Check-in time ends at 9:00 PM

Minimum check-in age is: 18

An adult age 18 or older must assume all liability for the booking. This property doesn't offer after-hours check-in. Front desk staff will greet guests on arrival at the property.

Location

2471 Long Beach Blvd, Long Beach, CA, 90810 United States of America

Room details

Standard Room, 1 King Bed, Non Smoking

Reserved for

Larry Breceda, 2 adults

Requests

Nonsmoking

Change and cancellation rules

Free cancellation until Oct 7 at 6:00pm (property local time)

If you cancel or change your plans, please cancel your reservation in accordance with the property's cancellation policies to avoid a no-show charge.

There is no charge for cancellations made before 6:00pm (property local time) on Oct 7, 2025.

Cancellations or changes made after 6:00pm (property local time) on Oct 7, 2025 or no-shows are subject to a property fee equal to the first night's rate plus taxes and fees.

Payment details

Room price

Wed, Oct 8	\$96.80
Thu, Oct 9	\$96.80
Taxes	\$25.16

Total

\$218.76

Pay at property

Save:20%

Prices shown after \$48.40 savings

Expedia support

Contact Expedia if you need help managing this itinerary.



AGENDA REPORT

MEETING DATE: September 23, 2025

TO: Mayor and Members of the City Council

FROM: Manuel Enriquez, Director of Parks and Recreation

BY: Alyssa Rico, Recreation Manager

SUBJECT: Award of Contract - Duarte Teen Center Roof Replacement – Project No. 26-8

RECOMMENDATION: Staff recommends City Council award the construction contract for the Duarte Teen Center Roof Replacement to Commercial & Industrial Roofing Co Inc., as the lowest responsive and responsible bidder, in the amount of \$190,046, plus a fifteen percent contingency.

FISCAL IMPACT: Funds are available and budgeted for in Fiscal Year 2025/26 from the General Fund (100-1610-8100).

BACKGROUND

On June 24, 2025, the City Council approved the Fiscal Year 2025/26 Budget and Capital Improvement Program (CIP), which includes funding for the Duarte Teen Center Roof Replacement. The Teen Center, constructed in 1996, has undergone periodic minor roof repairs since 2015, primarily above the game and multipurpose rooms, and the boxing gym. Given the roof's age and the recurring small leaks during the rainy season, a full roof replacement is necessary.

DISCUSSION/ANALYSIS

The Duarte Teen Center Roof Replacement consists of furnishing all labor, material, equipment, services, and incidentals required for the complete roof system replacement for the facility. The scope of work includes the removal and disposal of the existing roof tiles, flashing, rain gutters, downspouts, and damaged plywood. Additionally, the scope calls for the replacement of any necessary plywood, the application of a synthetic waterproof underlayment system, installation of Boral Saxony lightweight roof tile, and a new rain gutter flashing system.

On August 18, 2025, the City published an invitation to bid on the Duarte Teen Center Roof Replacement Project No. 26-8, in accordance with Duarte Municipal Code (DMC) Section

2.36.060. On September 8, 2025, the City received nine (9) bids for the subject project. All bids were reviewed for responsiveness to the bid specification requirements.

The bid results were as follows:

Contractor	Cost Estimate
1. Commercial & Industrial Roofing Co Inc.	\$190,046.00
2. Danny Letner Inc dba Letner Roofing Company	\$215,610.00
3. Southland Roofing, Inc.	\$232,375.00
4. Western States Roofing, Inc.	\$239,488.00
5. C.I. Services, Inc.	\$245,080.00
6. AOS Inc.	\$258,400.00
7. Solar Roofing and Energy Storage Inc.	\$325,080.00
8. Felsen Group, Inc.	\$386,194.00
9. 4 Seasons Roofing, Inc.	\$494,744.00

RECOMMENDATION

Staff recommends City Council award the construction contract for the Duarte Teen Center Roof Replacement to Commercial & Industrial Roofing Co Inc., as the lowest responsive and responsible bidder, in the amount of \$190,046, plus a fifteen percent contingency.

FISCAL IMPACT

Project funds are available and budgeted for in Fiscal Year 2025/26, from the General Fund (100-1610-8100).

ATTACHMENTS

- A. Agreement for Construction or Maintenance Services

Fiscal Review:



Kristen Petersen
Assistant City Manager/
Director of Administrative Services

Reviewed and Approved:



Brian Villalobos
City Manager

CITY OF DUARTE
AGREEMENT FOR CONSTRUCTION OR MAINTENANCE SERVICES

THIS AGREEMENT FOR CONSTRUCTION OR MAINTENANCE SERVICES (“**Agreement**”), made and effective as of _____ (“**Effective Date**”), by and between the City of Duarte (“**City**”), and Commercial & Industrial Roofing Co Inc. a California corporation, (“**Contractor**”). Contractor and the City are hereafter together referred to as the “**Parties**” and each individually as a “**Party**.” In consideration of the mutual covenants and conditions set forth herein, and for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, the Parties agree as follows:

1. RECITALS.

This Agreement is made and entered into with respect to the following facts:

- A. That City desires to obtain through Contractor the work set forth and described in the Scope of Work attached hereto as Exhibit A and incorporated herein by this reference (“**Contractor Services**”).
- B. That Contractor represents to the City that Contractor is well qualified to perform the Contractor Services by reason of Contractor’s training, expertise, experience, and background.
- C. That the public interest, convenience, and necessity require that City obtain the Contractor Services upon the terms and conditions set forth herein.
- D. That City and Contractor mutually desire to enter into this Agreement for the provision of the Contractor Services by Contractor for and on behalf of City, in accordance with the terms and conditions set forth herein.

2. SERVICES AND WORK

- A. Provision of Contractor Services. During the term of this Agreement, Contractor shall provide the Contractor Services as set forth in Exhibit A. Time is of the essence for this Agreement.
- B. Additional Services. If City desires to add additional work, services, work locations, or service locations not specifically described in Exhibit A (“**Additional Services**”), City shall notify Contractor thereof at least thirty (30) days in advance of the time such Additional Services shall commence. Contractor shall perform such Additional Services, and compensation for the work performed shall be paid by City in accordance with the Budget and Fee Schedule attached hereto as Exhibit B and incorporated herein by this reference, or as otherwise may be agreed in writing by City and Contractor. It is expressly understood by Contractor that the provisions of this Subsection 2(B) shall not apply to work specifically set forth in Exhibit A or reasonably contemplated therein. Contractor hereby acknowledges that it accepts the risk that the work to be performed as included in Scope of Work

may be more costly or time consuming than Contractor anticipates and that Contractor shall not be entitled to additional compensation. Unless contradictory of this Subsection 2(B), all provisions in this Agreement applicable to Contractor's performance of the Contractor Services shall also apply to the Additional Services.

- C. Standard of Performance. In performing the Contractor Services, Contractor shall use the skill and care that a highly specialized professional with significant expertise in the field would use under similar circumstances. To the extent that Contractor retains subcontractors to perform any portion of any of the Contractor Services, Contractor has a duty to City to ensure that the tasks, work, and services performed by such subcontractors meet the same highly specialized professional level, skill, and expertise expected of Contractor.
- D. Labor, Equipment, Materials. Contractor shall equip itself with all necessary labor, equipment, and materials to perform the Contractor Services specified in this Agreement. Contractor represents that the Contractor Services will be performed by Contractor or under its direct supervision, and that all personnel engaged in such work shall be fully qualified and shall be authorized and permitted under applicable Federal, State, and local laws to perform the Contractor Services. Contractor shall pay all wages, salaries, and other amounts due such personnel in connection with their performance of the Contractor Services and as required by law. Contractor ensures that all goods, materials, equipment, or personal property included within the Contractor Services shall be of good quality and fit for the purpose intended.
- E. Work Site. Contractor has or will investigate the work site and is or will be fully acquainted with the conditions there existing, prior to commencement of the Contractor Services. Should Contractor discover any conditions, including any latent or unknown conditions, which will materially affect the performance of the Contractor Services, Contractor shall immediately inform City of such fact in writing and shall not proceed except at Contractor's risk until written instructions are received from the City Representative (as defined below).
- F. Independent Contractor. All Contractor Services, and all work, services, labor, equipment, and materials furnished in conjunction therewith shall be furnished by Contractor as an independent contractor, subject to the inspection and approval of City, or the City Representative (as defined below). City shall have the right to control Contractor only as to results of the Contractor Services rendered pursuant to this Agreement. Neither City nor any of its officers, officials, employees, or agents shall have control over the conduct of Contractor or any of Contractor's officers, employees, or agents. Contractor shall not at any time or in any manner represent that it or any of its officers, employees, or agents is in any manner officers, officials, employees, or agents of City. Contractor shall not incur or have the power to incur any debt, obligation, or liability whatsoever against City, or bind City in any manner. No City-provided employee benefits shall be available to the Contractor or any of Contractor's employees in connection with this Agreement. Except for the fees paid to Contractor as provided in this Agreement, City shall not pay salaries, wages, or other compensation to Contractor for performing Contractor

Services hereunder for City. City shall not be liable for compensation or indemnification to Contractor for injury or sickness arising out of performing Contractor Services hereunder.

3. AUTHORITY OF THE CITY REPRESENTATIVE

- A. City Representative. The “**City Representative**” shall be the Facilities Maintenance Supervisor, of the City of Duarte, acting personally or through their duly authorized agents, each agent acting only within the scope of authority delegated to them.
- B. Scope of Authority. The City Representative shall convey to Contractor the decision of City regarding any and all questions which may arise as to the quality or acceptability of materials furnished and work performed, and as to the manner of performance and rate of progress of the work. The City Representative shall further convey to Contractor the decision of City regarding all questions which may arise as to the acceptable fulfillment of this Agreement on the part of Contractor; and all questions as to claims and compensations. The City Representative’s communicated decisions shall be final, and the City Representative shall have authority to enforce and make effective such communicated decisions so that Contractor can carry out such decisions promptly.

4. TERM OF AGREEMENT

This Agreement shall commence and terminate on the dates set forth in Exhibit A.

5. SUSPENSION OR TERMINATION OF AGREEMENT

- A. City may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving written notice upon Contractor. Upon receipt of said notice, Contractor shall immediately cease all Contractor Services under this Agreement, unless the notice provides otherwise. In the event this Agreement is suspended or terminated pursuant to this Subsection 5(A), Contractor shall submit a final invoice/report to City pursuant to Section 6, and City shall be entitled to receive a return of the fee paid to Contractor, or portion thereof, if the reason for the termination is failure by Contractor to have timely performed the Services set forth in Exhibit A. In City’s sole and absolute discretion, prior to effecting a suspension or termination pursuant to this Subsection 5(A), City may first serve upon Contractor a written notice of the default specifying the default and the amount of time that Contractor shall have to cure, correct, or remedy the default. If Contractor fails to cure the default within the specified period of time, City shall have the right to immediately terminate this Agreement pursuant to this Subsection 5(A). Notwithstanding any other provision of this Agreement to the contrary, City’s termination of this Agreement pursuant to this Subsection 5(A) shall not preclude or prejudice any other remedy to which City may be entitled in law or in equity.

- B. Contractor may terminate this Agreement only due to a material breach by City, and only upon not less than thirty (30) days' prior written notice to City which notice shall specify the material default. Upon receipt of such notice, City may, but shall not be obligated to, effect to remedy such default, which remedy will cause the notice of termination to no longer apply, and this Agreement to continue in effect.

6. COMPENSATION

- A. Amount of Compensation. Compensation will be determined according to the Budget and Fee Schedule set forth in Exhibit B.
- B. Invoices. Contractor shall invoice City monthly for all work performed by Contractor under this Agreement. Invoices shall include billings for all charges, including authorized direct costs incurred by Contractor during the month covered by the invoice. All charges for labor, work, or services shall describe with specificity the services rendered and shall set forth the number of hours worked and hourly rates in accordance with Exhibit B. Within thirty (30) days of receipt of an invoice, and upon determination by City that the invoice is in order and that Contractor has performed all requested or required work or services in a timely and competent manner, City shall pay such invoice.
- C. Records of Contractor Services and Payments. Contractor shall maintain complete and accurate records with respect to costs, expenses, receipts, and other such information required by City that relate to the performance of Contractor Services under this Agreement. Contractor shall also maintain adequate records of Services provided in sufficient detail to produce an evaluation of Services. All such records shall be maintained in accordance with generally accepted accounting principles and shall be clearly identified and readily accessible. Contractor shall provide free access to the representatives of City or its designees at reasonable times to such books and records; shall give City the right to examine and audit said books and records; shall permit City to make transcripts therefrom as necessary; and shall allow inspection of all work, data, documents, proceedings, and activities related to this Agreement. Such records, together with supporting documents, shall be maintained for a period of six (6) years after receipt of final payment.

7. LICENSES, PERMITS, APPROVALS, FEES

- A. Contractor must possess at the time of commencing the Contractor Services and throughout the duration of this Agreement, a Contractor's License, issued by the State of California, which is current and in good standing. Contractor shall ensure that any subcontractor working on the Contractor Services possesses at the time of commencing work and throughout the duration of such subcontractor's work on the Contractor Services, a Contractor's License, issued by the State of California, which is current and in good standing. Contractor shall take out and maintain during the life of this Agreement a valid City Business License.

- B. Contractor shall obtain at its sole cost and expense such licenses, permits, and approvals as may be required by law for the performance of the Contractor Services prior to commencing work. Contractor and its employees, agents, and subcontractors shall, at their sole cost and expense, keep in effect during the term of this Agreement any licenses, permits, and approvals that are legally required for the performance of the Contractor Services. Contractor shall have the sole obligation to pay for any fees, assessments, and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for Contractor's performance of the Contractor Services, and shall indemnify, defend and hold harmless City and its elected and appointed officials, boards, members, officers, agents, representatives, employees, and volunteers ("**City Personnel**") against any such fees, assessments, taxes, penalties or interest levied, assessed, or imposed against City hereunder.

8. INSURANCE AND LIABILITY

- A. Contractor shall not commence work under this Agreement until it has secured all types and amounts of insurance required under this Section 8, nor shall it allow any subcontractor to commence work on any subcontract to this Agreement until all similar insurance required of the subcontractor has been obtained. Without limiting Contractor's indemnification obligations, Contractor shall procure and maintain, at its sole cost and for the duration of this Agreement, insurance coverage as provided in Exhibit C, against all claims for injuries against persons or damage to property which may arise from or in connection with the performance of the work hereunder by Contractor, its agents, representatives, employees, and/or subcontractors. If Contractor subcontracts any portion of the work, the contract between Contractor and such subcontractor shall require the subcontractor to maintain the same policies of insurance that Contractor is required to maintain pursuant to this Section 8.
- B. The City's Director of Administrative Services shall have the authority to adjust or amend the insurance requirements in Exhibit C of this Agreement so long as such amendment or adjustment is agreed to in writing by the Parties.

9. INDEMNIFICATION

- A. Contractor shall indemnify, defend (with legal counsel approved by City), and hold harmless City and City Personnel from and against all liability, loss, damage, expense, cost (including without limitation reasonable attorneys' fees, expert fees, and all other costs and fees of litigation) of every nature ("**Claims**") arising out of or in connection with Contractor's negligence, recklessness, or willful misconduct in the performance of work hereunder or its failure to comply with any of its obligations contained in this Agreement, except such loss or damage which is caused by the sole or active negligence or willful misconduct of City. Should conflict of interest principles preclude a single legal counsel from representing both City and Contractor, or should City otherwise find Contractor's legal counsel unacceptable, then Contractor shall reimburse City its costs of defense, including without limitation reasonable attorneys' fees, expert fees, and all other costs and

fees of litigation. Contractor shall promptly pay any final judgment rendered against City and City Personnel with respect to Claims determined by a trier of fact to have been the result of Contractor's negligent, reckless, or wrongful performance. It is expressly understood and agreed that the foregoing provisions are intended to be as broad and inclusive as is permitted by the law of the State of California and will survive the expiration or termination of this Agreement.

- B. Contractor's obligations under this Section 9 apply regardless of whether such claim, charge, damage, demand, action, proceeding, loss, stop notice, cost, expense, judgment, civil fine or penalty, or liability was caused in part or contributed to by City or City Personnel. However, without affecting the rights of City under any provision of this Agreement, Contractor shall not be required to indemnify and hold harmless City for liability attributable to the active negligence of City, provided such active negligence is determined by agreement between the Parties or by the findings of a court of competent jurisdiction. In instances where City is shown to have been actively negligent and where City's active negligence accounts for only a percentage of the liability involved, the obligation of Contractor will be for that entire portion or percentage of liability not attributable to the active negligence of City.
- C. Contractor hereby authorizes City to deduct from any amount payable to Contractor (whether arising out of this Agreement or otherwise) any amounts the payment of which may be in dispute hereunder or which are necessary to compensate City for any losses, costs, liabilities, or damages suffered by City, and all amounts for which City may be liable to third parties, by reason of Contractor's negligent acts, errors, or omissions, or willful misconduct, in performing or failing to perform Contractor's obligations under this Agreement. City in its sole and absolute discretion, may withhold from any payment due to Contractor, without liability for interest, an amount sufficient to cover such claim. The failure of City to exercise such right to deduct or withhold shall not act as a waiver of Contractor's obligation to pay City any sums Contractor owes City.

10. OBSERVING LAWS AND ORDINANCES

Contractor shall keep itself fully informed of all existing and future Federal, State, regional, county, and municipal laws, ordinances, and regulations, which in any manner affect the conduct of the work, and of all applicable orders and decrees of bodies or tribunals having any jurisdiction or authority over the work. If any discrepancy or inconsistency is discovered in this Agreement in relation to any such law, ordinance, regulation, order, or decree, Contractor shall forthwith report the same to the City Representative in writing. Contractor shall at all times observe and comply with and shall cause all its agents and employees to observe and comply with all such existing and future laws, ordinances, regulations, orders, and decrees, and shall protect, indemnify, hold harmless, and defend to the fullest extent permitted by law City and City Personnel against any claim or assertion of liability, or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by Contractor or by its agents, representatives, employees, or subcontractors.

11. NON-DISCRIMINATION

Contractor covenants that, by and for itself, its heirs, executors, assigns, and all persons claiming under or through them, that in the performance of this Agreement there shall be no discrimination against or segregation of, any person or group of persons on account of any impermissible classification including, but not limited to, race, color, creed, religion, sex, gender, gender identity, gender expression, physical or mental disability, age, military status, marital or familial status, sexual orientation, national origin, or ancestry. Contractor shall incorporate the foregoing provisions in all subcontracts.

12. PATENTED AND COPYRIGHTED MATERIALS

Contractor shall assume all costs arising from the use of patented or copyrighted materials, including, but not limited to, equipment, devices, processes, and software programs, used or incorporated in the Contractor Services performed by Contractor under this Agreement. Pursuant to Section 8, Contractor shall indemnify, defend (with legal counsel acceptable to City), and hold City and City Personnel harmless from any and all suits, actions, or proceedings of every nature for or on account of the use of any patented or copyrighted materials.

13. PREVAILING WAGE REQUIREMENTS

- A. Public Work. Contractor expressly acknowledges and agrees that City has never previously affirmatively represented to Contractor, its employees, or its agents in writing or otherwise that the work to be covered under this Agreement is not a “public work,” as defined in California Labor Code section 1720 of the Labor Code. In connection with the development, construction (as defined by applicable law), and operation of the project, including, without limitation, any public work (as defined by applicable law), if any, Contractor shall bear all risks of payment or non-payment of Federal and/or State prevailing wages and/or the implementation of California Labor Code sections 1726 and 1781, as the same may be enacted, adopted, or amended from time to time, and/or any other provision of law. To the extent applicable, City will enforce all penalties required by law for Contractor’s failure to pay prevailing wages.
- B. California Labor Code. Contractor’s attention is directed to Division 2, Part 7, Chapter 1 of the Labor Code of the State of California and especially to Article 2 (Wages) and Article 3 (Working Hours), thereof.

(i) In accordance with California Labor Code sections 1773 and 1773.2, City has found and determined the general prevailing rates of wages in the locality in which the public work is to be performed are those determined by the Director of Industrial Relations and available at <https://www.dir.ca.gov/OPRL/2022-1/PWD/Southern.html>. Copies of the prevailing rates of wages are maintained with City’s principal office and are available to any interested party on request. Contractor shall post a copy of the prevailing rate of per diem wages at each job site.

(ii) Contractor is aware of and will comply with the provisions of California Labor Code section 1776, including the keeping of payroll records and furnishing certified copies thereof in accordance with said section. Pursuant to California Labor Code section 1771.4, Contractor must submit certified payroll records to the Labor Commissioner using the Department of Industrial Relations' electronic certified payroll reporting (eCPR) system.

(iii) Pursuant to California Labor Code section 1810 it is stipulated hereby that eight (8) hours labor constitutes a legal day's work hereunder.

(iv) Pursuant to California Labor Code section 1815, work performed by employees of contractors in excess of eight (8) hours per day, and forty (40) hours during any one week, shall be permitted upon public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than 1 ½ times the basic rate of pay.

(v) Pursuant to California Labor Code section 1813, it is stipulated hereby that Contractor shall, as a penalty to City, forfeit \$25 for each worker employed in the execution of this Agreement by Contractor or by any subcontractor hereunder for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one (1) calendar week in violation of the provisions of Article 3 (commencing with Section 1810), Chapter 1, Part 7, Division 2 of the California Labor Code.

(vi) Contractor is aware of and will comply with the provisions of California Labor Code sections 1777.5 and 1777.6 with respect to the employment of apprentices. Pursuant to section 1777.5 it is hereby stipulated that Contractor will be responsible for obtaining compliance therewith on the part of any and all subcontractors employed by them in connection with this Agreement.

(vii) Pursuant to California Labor Code section 1775, it is hereby stipulated that Contractor shall, as a penalty to City, forfeit not more than \$200 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of Industrial Relations for the work or craft in which the worker is employed for the Contractor Services by Contractor or any subcontractor.

- C. Bidding Eligibility. Pursuant to California Labor Code section 1771.1, no contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations.
- D. DIR Monitoring. Pursuant to California Labor Code section 1771.4, Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

14. CONFLICTS OF INTEREST

- A. City Personnel. No member, officer, or employee of City, or their designees or agents, and no public official who exercises authority over or has responsibilities with respect to this Agreement during his/her tenure or for one (1) year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for work to be performed in connection with the Contractor Services performed under this Agreement.
- B. Contractor. Contractor represents, warrants, and covenants that he, she, or it presently has no interest, direct or indirect, which would interfere with or impair in any manner or degree the performance of Contractor's obligations and responsibilities under this Agreement. Contractor further agrees that while this Agreement is in effect, Contractor shall not acquire or otherwise obtain any interest, direct or indirect, that would interfere with or impair in any manner or degree the performance of Contractor's obligations and responsibilities under this Agreement. Contractor acknowledges that pursuant to the provisions of the Political Reform Act (California Government Code section 87100 et seq.), City may determine Contractor to be a "Contractor" as that term is defined by the Political Reform Act. In the event City makes such a determination, Contractor agrees to complete and file a "Statement of Economic Interest" with the City Clerk to disclose such financial interests as required by City. In such event, Contractor further agrees to require any other person doing work under this Agreement to complete and file a "Statement of Economic Interest" to disclose such other person's financial interests as required by City.

15. NO UNDUE INFLUENCE

Contractor declares and warrants that no undue influence or pressure was or is used against or in concert with any officer or employee of City in connection with the award, terms, or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of City shall receive compensation, directly or indirectly, from Contractor, or from any officer, employee, or agent of Contractor, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement. Contractor further warrants that it has not employed or retained any company or person other than a bona fide employee working for Contractor, to solicit or secure this Agreement and that it has not paid or agreed to pay any company or person any fee, commission, percentage, brokerage fee, gift, or any other consideration contingent upon, or resulting from, the award or making of this Agreement. For breach or violation of this warranty, City shall have the right to annul this Agreement without liability or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

16. ASSIGNMENT

Contractor shall not assign, hypothecate, or otherwise transfer this Agreement or any portion hereof, without first obtaining the written consent of City. If such an assignment,

hypothecation, or transfer is made or attempted by Contractor, the assignment, hypothecation, or transfer shall be void; and City, at its sole option, may terminate this Agreement upon the giving of a 24-hour written notice to Contractor of such termination.

17. PERFORMANCE

If Contractor should neglect to prosecute the work to City's satisfaction, or, in City's reasonable discretion, fail to perform any provisions of this Agreement, City, after five (5) days written notice to Contractor, may without prejudice to any other remedy City may take appropriate action, including, but not limited to, any of the following: (i) meeting with Contractor and/or its agents or subcontractors to review the quality of the work and resolve matters of concern; (ii) requiring Contractor to have the work repeated at no additional fee until it is satisfactory; (iii) withholding payment of City's compensation to Contractor for any unsatisfactory work performed; (iv) suspending delivery of work to Contractor for an indefinite time; (v) correcting such deficiencies and deducting the cost thereof from the payment then or thereafter due Contractor, provided, however, that the City Representative shall approve such action and certify the amount thereof to be charged to Contractor; and/or (vi) terminating this Agreement. Except as may be expressly set forth in this Agreement, the rights and remedies of the Parties are cumulative and the exercise by either Party of one or more of such rights or remedies or other rights or remedies as may be permitted by law or in equity shall not preclude the exercise by such Party, at the same or different times, of any other rights or remedies to which such Party may be entitled.

18. FORCE MAJEURE

Any time period specified in this Agreement for performance of work and services shall be extended because of any delays due to unforeseeable causes beyond the control and without the fault or negligence of City or Contractor, including, but not restricted to, acts of God or of the public enemy, unusually severe weather, fires, earthquakes, floods, epidemics, quarantine restrictions, riots, strikes, freight embargoes, wars, litigation, and/or acts of any governmental agency, including City, if the delaying Party shall within ten (10) days of the commencement of such delay notify the other Party in writing of the causes of the delay ("**Force Majeure Event**"). If Contractor is the delaying Party, City shall ascertain the facts and the extent of delay and extend the time for performing the work and services for the period of the enforced delay when and if in the judgment of City such delay is justified. City's determination shall be final and conclusive upon the Parties. In no event shall Contractor be entitled to recover damages against City for any delay in the performance of this Agreement, however caused. Contractor's sole remedy shall be an extension of this Agreement pursuant to this Section 18. For the avoidance of doubt, Force Majeure Event shall not include (i) financial distress nor the inability of either Party to make a profit or avoid a financial loss; (ii) changes in the market prices or conditions; or (iii) a Party's financial inability to perform its obligations hereunder. The current events related to the COVID-19 pandemic are known and shall not constitute Force Majeure Event, future impacts of the COVID-19 pandemic may be considered a Force Majeure Event to the extent that they prevent the performance of a Party's obligations under this Agreement.

19. NOTICE

Any notice, payment, or instrument required or permitted to be given or delivered by this Agreement may be given or delivered by personal delivery or by depositing the same in any United States mail depository, first class postage prepaid, and addressed as follows, or to such other address provided by a written notice from one Party to the other or by e-mailing the notice to the e-mail addresses as set forth below:

If to City:	City of Duarte 1600 Huntington Drive Duarte, CA 91010 Attn: Jeff Risley, Facilities Maintenance Supervisor
If to Contractor:	Commercial & Industrial Roofing Co Inc 9239 Olive Dr. Spring Valley CA. 91977 Attn: Berry Lee Turnour, President & Treasurer

20. WARRANTY

Contractor warrants all work under this Agreement (which for purposes of this Section 20 shall be deemed to include unauthorized work which has not been removed and any non-conforming materials incorporated into the work) to be of good quality and free from any defective or faulty material and workmanship. Contractor agrees that for a period of one (1) year (or the period of time specified elsewhere in this Agreement or in any guarantee or warranty provided by any manufacturer or supplier of equipment or materials incorporated into the work, whichever is later) after the date of final acceptance, Contractor shall within ten (10) days after being notified in writing by City of any defect in the work or non-conformance of the work to this Agreement, commence and prosecute with due diligence all work necessary to fulfill the terms of the warranty at Contractor's sole cost and expense. Contractor shall act sooner as requested by City in response to an emergency. In addition, Contractor shall, at its sole cost and expense, repair and replace any portions of the work (or work of other contractors) damaged by Contractor's defective work or which becomes damaged in the course of repairing or replacing defective work. For any work so corrected, Contractor's obligation hereunder to correct defective work shall be reinstated for an additional one (1) year period, commencing with the date of acceptance of such corrected work. Contractor shall perform such tests as City may require to verify that any corrective actions, including, without limitation, redesign, repairs, and replacements, comply with the requirements of this Agreement. All costs associated with such corrective actions and testing, including the removal, replacement, and reinstitution of equipment and materials necessary to gain access, shall be the sole responsibility of Contractor. All warranties and guarantees of subcontractors, suppliers, and manufacturers with respect to any portion of the work, whether express or implied, are deemed to be obtained by Contractor for the benefit of City, regardless of whether such warranties and guarantees have been transferred or assigned to City by separate agreement and Contractor agrees to enforce such warranties and guarantees, if necessary, on behalf of City. This provision may be waived in Exhibit A if the Contractor Services hereunder do not include construction of any improvements or the supplying of equipment or materials.

21. ATTORNEYS' FEES

Notwithstanding anything in this Agreement to the contrary, in no event shall Contractor be entitled to economic or consequential damages or to punitive damages. In the event of any litigation arising from or related to this Agreement, the prevailing Party shall be entitled to recover from the non-prevailing Party all reasonable costs incurred, including staff time, court costs, attorneys' fees, expert witness fees, and other related expenses.

22. NON-LIABILITY OF CITY OFFICERS AND EMPLOYEES

No City Personnel shall be personally liable to Contractor, or any successor in interest, in the event of any default or breach by City or for any amount which may become due to Contractor or to its successor, or for breach of any obligation of the terms of this Agreement.

23. SEVERABILITY

If any portion of this Agreement is found by a court of competent jurisdiction to be invalid, void, illegal, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect and shall in no way affect, impair, or invalidate any other term, covenant, or condition, or provision contained in this Agreement. Upon a determination that any term or provision is invalid, illegal, or unenforceable, the Parties shall negotiate in good faith to modify this Agreement to give effect to the original intent of the Parties as closely as possible in order that the transactions contemplated hereby be performed as originally contemplated to the greatest extent possible.

24. EXECUTION

The persons executing this Agreement on behalf of each of the Parties hereto represent and warrant that (i) such Party is duly organized and existing; (ii) they are duly authorized to execute and deliver this Agreement on behalf of said Party; (iii) by so executing this Agreement, such Party is formally bound to the provisions of this Agreement; and (iv) that entering into this Agreement does not violate any provision of any other Agreement to which said Party is bound. This Agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the Parties.

25. NO WAIVER

No delay or omission in the exercise of any right or remedy by a non-defaulting Party on any default shall impair such right or remedy or be construed as a waiver. No waiver by either Party of any of the provisions of this Agreement shall be effective unless explicitly set forth in writing and signed by the Party so waiving. Except as otherwise set forth in this Agreement, no failure to exercise, or delay in exercising, any right, remedy, power, or privilege arising from this Agreement shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power, or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power, or privilege.

26. NO THIRD-PARTY BENEFICIARIES

This Agreement benefits solely the Parties to this Agreement and their respective permitted successors and assigns and nothing in this Agreement, express or implied, confers on any other person any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement.

27. NON-LIABILITY OF CITY PERSONNEL

No City Personnel shall be personally liable to Contractor, or any successor in interest, in the event of any default or breach by City, or for any amount which may become due to Contractor or its successor, or for breach of any obligation of the terms of this Agreement.

28. GOVERNING LAW AND VENUE

The internal laws of the State of California, without regard to principles of conflicts of laws, shall govern the interpretation of this Agreement. In addition to any other rights or remedies permitted by law, either Party may take legal action, in law or in equity, to cure, correct, or remedy any default, to recover damages for any default, to compel specific performance of this Agreement, to obtain declaratory or injunctive relief, or to obtain any other remedy consistent with the purposes of this Agreement. The Superior Court of the County of Los Angeles shall have exclusive jurisdiction over any litigation between the Parties concerning this Agreement. Service of process on City shall be made in the manner required by law for service on a public entity. Service of process on Contractor shall be made in any manner permitted by law and shall be effective whether served inside or outside of California.

29. SURVIVAL

The terms, provisions, representations, and certification contained in this Agreement, or inferable therefrom, shall survive the expiration or termination of this Agreement and the payment of the compensation hereinabove provided.

30. SECTION HEADINGS AND SUBHEADINGS

The section headings and subheadings contained in this Agreement are included for convenience only and shall not limit or otherwise affect the terms of this Agreement.

31. INTEGRATION, CONSTRUCTION, AND AMENDMENT

1. This Agreement contains the entire understanding of the Parties and supersedes any and all other written or oral understandings as to those matters contained herein, and no prior oral or written understanding shall be of any force or effect with respect to those matters covered thereby. The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either Party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply. This Agreement shall be construed and interpreted with and shall be governed and enforced in all respects according to the laws of the State of California and as if drafted by both Parties. No amendment, change or modification of this Agreement

shall be valid unless in writing, stating that it amends, changes, or modifies this Agreement, signed by all the Parties hereto.

32. COUNTERPARTS

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, and such counterparts shall constitute one and the same instrument.

33. SPECIAL PROVISIONS

1. Any special provisions applicable to this Agreement are set forth in Exhibit D, attached hereto and incorporated herein by this reference.

34. CITY MANAGER AUTHORITY

City's City Manager shall have the authority to make non-material changes, non-material amendments, or clerical edits to this Agreement on behalf of the City.

[Signatures on following page.]

IN WITNESS WHEREOF, the City of Duarte caused the Agreement to be subscribed by its City Manager and said Contractor has executed or caused this Agreement to be executed by its duly authorized officer(s).

CITY OF DUARTE

CONTRACTOR

Commercial & Industrial Roofing Co Inc.

City Manager

Date: _____

City Clerk

Date: _____

City Attorney, City of Duarte

Date: _____

By: Barry Lee Turnour

BARRY LEE TURNOUR

Its: PRESIDENT / CFO

Date: SEPTEMBER 16, 2025

By: _____

Its: _____

Date: _____

EXHIBIT A

Scope of Work

The Duarte Teen Center Roof Replacement consists of furnishing all labor, material, equipment, services, and incidentals required for the complete roof system replacement of the Duarte Teen Center, 1400 Buena Vista Street. The scope of work includes the removal and disposal of the existing roof tiles, flashing, rain gutters, downspouts, and damaged plywood. The scope of work also involves the installation of Boral Saxony lightweight roof tile, the application of a synthetic waterproof underlayment system, rain gutter system flashing system, and any necessary plywood replacement. Contractor will provide a 2-year installation warranty.

Item 1. Removal and disposal of existing roof tile.

Item 2. Replace damaged plywood.

Item 3. Apply synthetic waterproof underlayment.

Item 4. Remove and replace flashing system.

Item 5. Install new concrete roof tile.

Item 6. Remove and replace rain gutter system.

Work Duration:

Construction shall be completed within 30 working days after the date stipulated on the Notice to Proceed.

EXHIBIT B

Budget and Fee Schedule

BASE BID FOR DUARTE TEEN CENTER ROOF REPLACEMENT

Line Item	Bid Items	UofM	Quantity	Unit Price	Extension
1.	Removal and disposal of existing roof tile.	SF	13,000	\$3.00	\$39,000.00
2.	Replace damaged plywood.	EA	20	\$192.00	\$3,840.00
3.	Apply synthetic waterproof underlayment.	SF	13,000	\$3.00	\$39,000.00
4.	Remove and replace flashing system.	EA	1	\$15,000.00	\$15,000.00
5.	Install new concrete roof tile.	SF	13,000	\$5.60	\$72,800.00
6.	Remove and replace rain gutter system.	EA	1	\$17,430.00	\$17,430.00
7.	Provide 2-year installation warranty.	EA	1	\$2,976.00	\$2,976.00

PROJECT COMPENSATION TOTAL: \$190,046.00

EXHIBIT C

Insurance Requirements

Not all forms of insurance listed below are applicable for all projects. The Director of Administrative Services shall determine which provisions are necessary. This bracket should be removed before sending this template to anyone outside the City.]

A. Insurance Coverage Required. The policies and amounts of insurance required hereunder shall be as follows:

(i) Commercial General Liability (including premises and operations, contractual liability, personal injury, death, and independent contractor liability): Not less than Five Million Dollars (\$5,000,000.00) per occurrence.

(ii) Automobile Liability (including owned, non-owned, leased, and hired autos): One Million Dollars (\$5,000,000.00), combined single limit, per occurrence for bodily injury, death, and property damage.

(iii) Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least \$1,000,000) for Contractor's employees in accordance with the laws of the State of California, including California Labor Code section 3700.

(iv) Contractor's pollution liability insurance: Coverage shall provide for liability arising out of sudden, accidental, and gradual pollution, and remediation. The policy limit shall be no less than \$5,000,000 per claim and in the aggregate. All activities contemplated in this agreement shall be specifically scheduled on the policy as "covered operations." The policy shall provide coverage for remediation of the site in the event of an environmental contamination event arising out of the materials, supplies, products, work, operations, or workmanship.

(v) Umbrella or Excess Liability Insurance that will provide bodily injury, personal injury, death, and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability, automobile liability, and employer's liability. Such policy or policies shall include the following terms and conditions:

(A) A drop-down feature requiring the policy to respond in the event that any primary insurance that would otherwise have applied proves to be uncollectable in whole or in part for any reason;

(B) Pay on behalf of wording as opposed to reimbursement;

(C) Concurrency of effective dates with primary policies;

(D) Policies shall “follow form” to the underlying primary policies; and

(E) Insureds under primary policies shall also be insureds under the umbrella or excess policies.

B. Contractor’s Insurance General Requirements.

(i) All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders’ Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best’s Key Rating Guide, unless otherwise approved by the City Representative.

(ii) Commercial General Liability, Automobile Liability, and Employer’s Liability shall name City and City Personnel as additional insureds and contain no special limitations on the scope of protection afforded to City and City Personnel. All insurance provided hereunder shall include the appropriate endorsements.

(iii) All insurance policies shall be primary insurance and any insurance or self-insurance maintained by City and/or City Personnel shall be in excess of Contractor’s insurance and shall not contribute with it.

(iv) All insurance policies shall be “occurrence” rather than “claims made” insurance.

(v) All insurance policies shall apply separately to each insured against whom a claim is made or suit brought, except with respect to the limits of the insurer’s liability.

(vi) All insurance policies shall be endorsed to state that the insurer shall waive all rights of subrogation against City and City Personnel.

(vii) All insurance policies shall be written by good and solvent insurer(s) admitted to do business in the State of California and approved in writing by City.

(viii) All insurance policies shall be endorsed to state that coverage shall not be suspended, voided, cancelled, reduced in coverage or in limits, non-renewed, or materially changed for any reason, without thirty (30) days prior written notice thereof given by the insurer to City by U.S. mail, or by personal delivery, except for nonpayment of premiums, in which case ten (10) days prior notice shall be provided.

(ix) All insurance policies shall state that City shall not be liable for the payment of premiums or assessments under the policy.

(x) Insurance policies shall not contain any limiting provision or endorsement that has not been submitted to City for approval. By way of example, additional insured endorsements shall not be limited to "ongoing operations," exclude contractual liability, restrict coverage to the "sole" liability of Contractor, or contain any other limitation contrary to this Agreement.

- C. Deductibles. Any deductibles or self-insured retentions must be declared to and approved by City. City reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved in writing by City.
- D. Evidence of Coverage. Contractor shall furnish City with certificates of insurance demonstrating the coverage required by this Agreement which shall be received and approved by City not less than five (5) working days before work on the Contractor Services commences. At least thirty (30) days prior to the expiration of any policy of insurance required under this Agreement, a signed complete certificate of insurance, with all endorsements provided herein, showing that such insurance coverage has been renewed or extended, shall be filed with City.
- E. Workers Compensation Insurance. Contractor shall file with City the following signed certification:

"I am aware of, and will comply with, Divisions 4 and 5 of the California Labor Code by securing, paying for, and maintaining in full force and effect for the duration of the Agreement, complete Workers' Compensation Insurance, and shall furnish a Certificate of Insurance to City before execution of the Agreement."

In the event Contractor has no employees requiring Contractor to provide Workers' Compensation Insurance, Contractor shall so certify to City in writing prior to City's execution of the Agreement. City and City Personnel shall not be responsible for any claims in law or equity occasioned by failure of Contractor to comply with this Section E - Workers Compensation Insurance or with the provisions of law relating to workers' compensation.

- F. Default of Insurance Requirements. In addition to any other remedies at law or equity City may have if Contractor fails to provide or maintain any insurance policies or policy endorsements to the extent and within the time required by this Section F – Default of Insurance Requirements, City may, at its sole option, exercise any of the following remedies, which are alternatives to other remedies City may have and are not the exclusive remedy for Contractor's breach: (i) obtain such insurance and deduct and retain the amount of the premiums for such insurance from any sums due under this Agreement; (ii) order Contractor to stop work under this Agreement or withhold any payment that becomes due to Contractor hereunder, or both, until Contractor demonstrates compliance with the insurance requirements herein; and/or (iii) terminate this Agreement.



AGENDA REPORT

MEETING DATE: September 23, 2025

TO: Mayor and Members of the City Council

FROM: Craig Hensley, Community Development Director

SUBJECT: Andres Duarte School Project
1433 Crestfield Drive (Former Andres Duarte School and Otis Gordon Park)
General Plan Amendment 24-02; Changing the General Plan designation from Public Facilities to High Density Residential
Zone Change 24-02; Changing the zoning from Public Facilities to R-4
Tentative Parcel Map (84544) 24-01; Subdividing the property into two lots
Site Plan and Design Review 25-19 and Planned Development Permit 24-01; Approval to construct 169 townhome unit and renovate Otis Gordon Park; and the related **Final Environmental Impact Report**

RECOMMENDATION: That the City Council certify and approve the Final Environmental Impact Report (Resolution 25-19) and approve: General Plan Amendment 24-02 (Resolution 25-20); Tentative Parcel Map 24-01 (Resolution 25-21); Site Plan and Design Review 25-19 (Resolution 25-22); and Planned Development Permit 24-01 (Resolution 25-23) and Introduce Ordinance 25-04 (Zone Change 24-02)

FISCAL IMPACT: There is no direct fiscal impact created by the proposed project; however, there will be new ongoing revenue generated by property tax that will be collected as the current school use does not generate property tax. Costs related to additional public services needs are determined to be less than significant

BACKGROUND

The proposed project is located at 1433 Crestfield Drive and includes the former school site and Otis Gordon Park. The Duarte Unified School District (DUSD) has decided to close Andres Duarte School and relocate the existing Mt. Olive Innovation and Technology (MIT) campus and the DUSD day care operation that are located at the former Andres Duarte campus.

DUSD has initiated a lease agreement with Crestfield Townhomes, LLC to develop the property. The entire project site is approximately 13 net acres in size.

The proposed development includes 169 townhome units on seven acres of the site resulting in a residential density of approximately 24 units per acre. Otis Gordon will remain as a six acre park and be leased to the City. A parking lot with 57 spaces is being added to Otis Gordon Park.

The project site currently has a General Plan land use designation of Public Facility and is zoned PF (Public Facility). The proposed project would change the general plan designation to High Density Residential and the zoning to R-4, for the townhome portion of the property. The park portion of the property would be changed to the Open Space land use designation and the Open Space zone. The project requires a Site Plan and Design Review and Planned Development Permit approval; and a two lot parcel map to divide the property. An Environmental Impact Report (EIR) has been prepared for the project.

The City hired Rincon Consultants to prepare the EIR. The EIR has been completed. The EIR process includes a public scoping meeting and the required public comment period. The public comment period started on June 16, 2025 and ended on July 31, 2025.

The Architectural Review Board reviewed the site plan and design review case and the planned development permit items at its August 4, 2025 meeting and recommended approval to the Planning Commission.

The Planning Commission held a public hearing at its August 18, 2025 meeting. At the meeting the Commission heard a detailed Staff presentation, held a public hearing, considered all the available information and public comment and recommends that the City Council approve the proposed EIR and development project. The Planning Commission vote was 3 in favor and 2 opposed on all the Resolutions.

Staff has reviewed the proposed project with the intent to recommend the best possible solution for development of the property. The proposed development preserves and improves Otis Gordon Park and provides a townhome community that blends well with the neighborhood. The EIR determines that all impacts will be less than significant with mitigation.

DISCUSSION/ANALYSIS

The proposed development of the Andres Duarte School site is a unique land use issue. Since DUSD has decided to close a school that is in a public facilities (PF) zone, there are only a few other uses that are allowed in the PF zone. For example, other uses allowed in the zone are commercial recreation, museum, plant nurseries and emergency shelters. So, the land use issue for the City becomes, if the property is not going to be a school, what is the best use for the property?

It is also important to note that State Law has provisions that would take this decision away from the City. AB 2295 was adopted in 2022 and it would allow DUSD to have the property developed with no ability for the City to have input as to general plan, zoning, or on some design issues. The EIR uses the AB 2295 option for two alternatives, a partial site buildout with park with 353 units and a full buildout removing the park with 638 units. The proposed project is more compatible

with the neighborhood than either of the AB 2295 options. This is a good example of the potential negatives of a loss of local control in State housing policy.

DUSD has decided that the site is not necessary for a school, so the City is in the position of determining the best use for the property. DUSD entered into a ground lease with the Developer and as a result the development must be a for lease product rather than ownership.

When the General Plan was adopted in 2008 and when the most recent Housing Element of the General Plan was adopted in January 2022, the application for development had not been filed. So, both documents do not specifically include a plan for the use of this property other than a public facility. But both documents set development policies that apply:

From the General Plan Land Use Element –

Land Use Goal 1: Maintain a balanced community consisting of various residential housing types and densities, commercial activities, industrial development, mixed use where appropriate, and open space.

LU 1.1.2 Encourage the development of a mix of housing types and densities to ensure a variety of housing to accommodate a range of tastes and incomes.

Land Use Goal 2: Develop compatible and harmonious land uses by providing a mix of uses consistent with projected future social, environmental and economic conditions.

LU 2.1.1 New infill residential development should be compatible in design, bulk, and height with existing nearby residential development as referenced in Duarte's Architectural Design Guidelines and applicable Specific Plans.

From the Housing Element –

The City's 2021-2029 Housing Element did not specifically designate the Andres Duarte property as a housing site and did not project that the site would provide affordable housing. There were other sites selected that addressed those requirements. However, at the time DUSD was analyzing the possibility of closing schools, so the Housing Element did address this possibility in Housing Element Policy 4.1.3 (below). The development includes some affordable housing and therefore meets this Housing Element policy.

GOAL 5: Provide adequate housing sites through appropriate land use, zoning and specific plan designations to accommodate Duarte's share of regional housing needs.

Housing Element Policy 4.1.3 specifically addresses school sites: Encourage residential development on surplus public/quasi-public land, including properties owned by the City and County, Duarte Unified School District... and that a portion of these sites should include affordable housing.

The proposed development is compatible with these general plan goals and policies. It is common for neighborhood school properties to be located in residential neighborhoods. So, the transition from a school property to a residential property is a change that is compatible.

General Plan and Zoning

The property is designated as Public Facilities in the General Plan and is zoned Public Facilities. Because the property will no longer be a school, the Public Facilities is no longer the best zone for the property. The proposal is to change the General Plan designation to High Density Residential for the townhome portion of the property and Open Space for Otis Gordon Park. The Zone Change would designate the townhome portion of the property Multiple-Family Residential Zone, High Density (R-4) and the park as Open Space (OS).

The property is bounded on the north and east by single family neighborhoods that are zoned (R-1) Single Family Residential. On the south, the properties are in Irwindale and have a variety of industrial buildings; the area is zoned Industrial. To the west, is an industrial building, a County flood control channel and the freeway ramp owned by Cal Trans. The proposed townhomes are a good transition between the single family and industrial, the park and the freeway. Maintaining the park and clustering residential development onto seven acres of the property is good land use policy.

The proposed 169 townhome units on seven acres (approximately 24 units per acre) falls into the City's High Density Residential General Plan designation that allows 21-28 unit per acre.

Site Plan and Design Review

The project is designed to front on to Crestfield Drive and Central Avenue with a project entry drive on each street. There will be 26 total buildings; 25 that are residential buildings and one recreation and leasing building. Buildings range from four to eight townhome units. The plan includes a combination of three and four bedroom units that range from 1,358 square feet to 1,475 square feet. This includes 132 three bedroom and 37 four bedroom units. The average size of the units will be 1,425 square feet. This is similar, but slightly larger, than the neighborhood that has an average house size of 1,118 square feet.

There will also be a 3,564 square foot recreation and leasing building that will include a 2,570 square foot common area that residents will be able to use. A common area pool is also provided.

The refurbished Otis Gordon Park will be six acres in size and will include ball fields that can be used for softball or baseball. The field can also accommodate a soccer field. The park also includes an expanded passive park area that is not a part of the sports fields, a paved perimeter walking path and a parking lot with 57 spaces. The current park does not have a parking lot. An extended net fence will be installed along the north property line to protect the neighborhood to the north from balls.

The proposed architectural design theme includes a variety of building styles including Spanish Colonial, Spanish Santa Barbara and Spanish Andalusian. These are compatible styles, and the

variety helps to create a project that isn't monotonous. Each of the architectural styles provide significant details to help raise the quality of design. All windows have a 2" minimum recess of windows with some main elevation windows having as much as 13" of recess. Other design amenities include: decorative tile accents; rock, brick and similar material to add texture; entry courtyards and other similar details. Additional design information is provided in the next section that addresses the Planned Development Permit.

The proposed development will provide for rent townhomes. This is a function of DUSD offering the property as a ground lease to the developer. Quality residential rental opportunities are an important and essential part of the City's housing stock.

The 2021 Housing Element analyzed the issue of ownership verses rental property. It utilized the 2020 Census and showed that 64% of units are owner occupied and 36% are rental. The Los Angeles County average for ownership is 45%, so based on the 2020 numbers Duarte is far above the Countywide average. Since 2020, there has been an increase in the development of rental units in the City with development of The Huntington at 1413 Huntington Drive, Esperanza at 1700 Fasana Road and Solana at 1750 Fasana Road. Even with this recent growth in rental property, the home ownership level is at 58%; well above the County average. Providing a for rent product that provides adequate space for families, as this development does with three and four bedroom units, is an important option in providing a variety of housing alternatives in the City.

Planned Development Permit

The City established the Planned Development Permit (PDP) process to encourage innovative site planning and project design by allowing flexibility to certain development standards. The goals of the PDP process are to provide for efficient use of land and excellence of design and enhanced amenities and innovation in energy efficiency, and to meet City expectations by providing a project that is significantly higher quality than would be achieved through conventional design practices and standards. The PDP process is coordinated with the Site Plan and Design Review process.

The PDP process is proposed for this development. In return for flexibility in some typical development standards, the proposed project provides a design quality that is far beyond what typically might be developed. This is especially important because some of the R-4 standards may limit quality design.

The proposed project would be given flexibility in the following areas: front setbacks, rear setbacks, private open space, tandem parking and overflow parking. Section 19.10.30 Table 2-4 addresses the R-4 setbacks and requires: Front: 30 feet; Side 5 feet; and Rear 20 feet. The historic front setback for this property is Crestfield Drive and it is determined to be the front setback. Therefore, Otis Gordon Park is determined to be the rear setback, and the side setback is the north property line. Because units also face Central Avenue, it will also be considered a front setback. The front setbacks of units that face Crestfield Drive and Central Avenue range from 12 feet to 21 feet. The shorter setbacks (12' to 15') are for porches. Setback for main buildings ranges from 18 feet to 21 feet. The proposed minimum rear setback is 10 feet for one building and 20 feet or greater for all other buildings. So, the PDP is required for the one building (building B-1). The units provided along the north setback are two story units closest to the property line with the third floor setback

a minimum of 32 feet. The flexibility in the front and rear setbacks is justified based on the overall project quality and the amenities provided.

Section 19.10.30 Table 2-4 also addresses the required private open space per unit. The code required space is 200 s.f. per unit and the average provided is 183 s.f. per unit.

The flexibility in the front and rear setbacks and the private open space is justified based on the overall excellence of the project design. The reduced rear setback is only for one building (the building facing Central Avenue) and is mitigated by the adjacent park. The average rear setback exceeds 20 feet. The proximity of Otis Gordon Park and the project recreation area that includes a pool and recreation area are also mitigating factors to the private open space relief that is requested.

Other design amenities proposed that provide the justification for the PDP are:

- a) Excellence and variety of architectural design. The 169 units are provided in a total of 25 buildings. To provide design variety, three different, but compatible architectural design themes are used, Spanish Colonial, Spanish Santa Barbara and Spanish Andalusian. This design variety makes a much better project and is clearly beyond minimum requirements for architectural design.
- b) Public art. There is no specific code requirement for public art, but the project will have one major public art feature near the corner of Crestfield Drive and Central Avenue that will be visible from public view. There will also be other design amenities provided by the project. A condition of approval will require that the project provide a small art feature at the recreation building and that screen walls and utility boxes at the ends of buildings will have decorative screening.
- c) Direct access to Otis Gordon Park. The project will have two gates that will provide direct access for residents to the park. This is a positive amenity for the project and not required by the Development Code.
- d) Park improvements. While not directly a part of the design of the residential project, the full improvements to Otis Gordon Park are a significant part of overall excellence in design. When describing excellence of design, the PDP portion of the Development Code states the following as justification for the PDP *“The purpose is to allow consideration of innovate site planning and project design; more effective design responses to site features, uses on adjoining properties, and environmental impacts; produce a more efficient use of land; and achieve higher quality site planning and excellence of design than may otherwise be possible through the strict application of the development standards.”* For a land use perspective there is a good balance between residential development and open space. The residential development is clustered to allow more park area. So, the setback, open space and parking relief proposed in the PDP is justified because it allows more area for Otis Gordon Park.

Because this development is only a two lot subdivision, it is not subject the standard park development fees or land dedication (typically referred to as Quimby Fees or a Quimby dedication). Therefore, the improvements and keeping the land as park is not required. So, the preservation of the land area as park and the significant park upgrades are prime examples of a higher quality of site planning and excellence of design. Maintaining and improving Otis Gordon Park is a positive for the neighborhood and the overall community.

- e) Affordable housing. The developer has agreed to incorporate moderate income units as a part of the project. Moderate income is defined as “those affordable to households earning between 80% and 120% of the area median income (AMI), adjusted for household size.” For this development, a minimum of 16% of the units will be offered as moderate units. Providing affordable units is not a requirement of the Development Code. It is “encouraged” but not required in the Housing Element. So, providing moderate income units are another way that the project design exceeds Code requirements and is further justification for the PDP.

The proposal includes several units that will have tandem parking spaces for the garage parking. Chapter 19.38.110.B.1 of the Development Code allows for up to 20% of the units up to two bedroom in a multifamily development to have tandem spaces. The proposal is for 51% of the units to have tandem parking. All of the proposed tandem units do meet the 11 feet by 39 feet size requirement for two spaces. The property owner will be required to develop a Parking Management Plan that will address any possible impact from tandem spaces. The property owner will be required to include a requirement in all leases that the two garage spaces shall be kept free of storage and be usable for two car parking at all times. The property owner will be required to regularly monitor compliance.

Another PDP item is the overflow parking requirement. Chapter 19.38.050, Table 3-4 addresses the requirements for multi-family dwellings and requires: 2 garage spaces per unit plus 1 guest space for every 4 units and 1 overflow space for every 4 units. The proposed project provides the garage spaces and the guest spaces (43 required and 45 provided) but does not provide the overflow spaces. The points regarding overall project design quality also apply for this requested flexibility but more is being proposed to address the parking issue. A condition of approval will require the property owner to develop a Parking Management Plan that will prohibit more than two cars per unit and will prohibit tenants from garage storage that limits the ability to park two cars. It will be mandatory to put these requirements in every lease. The property owner will be required to monitor and manage the parking in perpetuity.

Tentative Parcel Map

The project includes a parcel map to subdivide the property into two parcels. The applicant, Crestfield Townhomes, LLC will lease the property from DUSD and will develop the residential portion. Crestfield will also provide parking improvements and will construct and maintain the stormwater system that will be in the park parking lot. The City will have the primary use of the park and will be responsible for the operation and maintenance of the park. The proposed townhome lot will be a net seven acres (7.043) and the park parcel will be six acres (5.952).

Conditions of approval are listed in the attached Resolution that recommends approval. Irwindale was contacted and asked to comment on the project, because the south half of Central Avenue is located in Irwindale. A condition will require that any work done in Irwindale will require the proper approvals.

The overhead utility lines along Crestfield Drive will be underground from the north property line to the utility pole on the south side of Central Avenue at Crestfield Drive.

Proposed Park Redevelopment

The proposed project included a major renovation to Otis Gordon Park. Currently, the park is owned by the DUSD. The park is maintained and operated by the City and is part of a joint use agreement between DUSD and the City.

Under the new arrangement, the City will sign a 99 year use agreement with the DUSD and Crestfield Townhomes. The City will have full control and use of the property and will maintain and operate the park.

Park upgrades include:

- New multi-use sports fields including a Soccer Field, Youth Baseball Field & Adult Baseball Field;
- New metal field bleachers;
- New meandering concrete walking trail along perimeter of park;
- Upgraded landscape and irrigation;
- Park lighting upgrades;
- Updated restroom building;
- New parking lot (entry and exit points) with approximately 57 parking stalls & two van accessible ADA stalls, including one full-size roofed trash enclosure;
- Resurfacing of existing playground with light colored rubberized safety surface with some new playground equipment; and
- Other improvements to the park.

The existing driveway along the west side of the park that provides access to the MIT campus will be removed and landscaped.

The ability to guarantee that the park remains for the neighborhood and community is a positive result of the proposed development.

Affordable Housing Component

This property was not included as a specific site for affordable housing in the City's most recent housing element. However, the issue of affordable housing on school property was addressed in the Housing Element. The following Objective and Policy is a part of the Housing Element:

Objective 4.1: Expand affordable housing options within the City of Duarte.

Policy 4.1.3 Affordable Housing on Public/Quasi-Public Land

Encourage residential development on surplus public/quasi-public land, including properties owned by the City and County, Duarte Unified School District, and local congregations, and require a portion of any new development to be affordable to low and moderate income households.

With this policy in mind, early in the development process it was expressed that the development should provide some affordable housing. With the project goal being family housing this site is a unique opportunity for moderate income affordable housing.

The moderate income category is defined as income levels between 80% and 120% of the County Average Monthly Income (AMI). In Los Angeles County the AMI is \$106,600 for a four person household. For this project, 28 of the units (16%) will be required to be offered to moderate income households. To be eligible to rent the affordable units, the renters must be at the moderate income level. The rents charged for the affordable units will be limited based on income and the monthly rate will be based on income and will be required to meet Los Angeles County standards.

To determine the reasonable number of affordable units of moderate income units to require for this development, the City hired a consultant to evaluate the proposed development. The City hired Springbrook Reality Advisors to conduct an economic analysis, draft an affordable agreement and a marketing plan outline to be used for marketing the affordable program. The study determined that 16% of the units at the affordable rate is an acceptable number.

The developer will be required to enter into an affordable housing agreement with the City and will be responsible for maintaining the required number of affordable units and monitoring the affordable program.

Environmental Review

The California Environmental Quality Act (CEQA) provides the process for the environmental review of this development project. In this case an EIR has been prepared to examine the potential environmental effects of the proposed project. This EIR is intended to be an informational document for the public and City of Duarte decision makers.

The EIR analyzed all the potential impacts of the proposed project. It looked at impacts in the following areas: Air Quality, Biological, Cultural Resources, Energy, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Land Use and Planning, Noise, Public Services, Transportation, Tribal Cultural Resources, and Utilities and Services. The EIR also looks at a range of alternatives to the proposed project, as required by State CEQA Law.

One comment that has been consistently made during the application process is that the proposed project will create traffic impacts in the area. Traffic was one of the items studied in the EIR. The project is located in a Transit Priority Area (TPA) which is defined as the area within one-half mile

radius of a major transit stop or high-quality transit corridor. When a project is located in a TPA it is presumed to result in a less than significant Vehicle Miles Traveled (VMT) impact.

While the VMT analysis alone is adequate for the environmental review process, Duarte also requires that a traditional Level of Service (LOS) analysis be completed in addition to the VMT analysis. In the LOS analysis, average daily trips are analyzed. For the purposes of the basic analysis, the day care use and the MIT campus are used for current traffic. The proposed development will generate approximately 646 additional trips per day compared to current uses at the project site. There will be 46 fewer trips during the AM peak hour and five additional trips during the PM peak hour (Table 2 -Transportation Impact Study). It is important to note that the current use of the property has significantly less average daily trips than the historic use of the property. This is an important factor to consider, since if the property were to revert to school use at full capacity average daily traffic would be higher than with the proposed development. Historically, peak enrollment reached 684 students at the elementary school and 162 students at the MIT campus plus teachers and other staff. At capacity, the campus produced 728 more average daily trips than the proposed project, 523 additional trips for AM peak hour and 46 more trips for PM peak hour than the proposed project.

The result of the analysis in the EIR is that all impacts will be less than significant with mitigation. A mitigation is a condition or requirement placed on a project, through conditions, that will: avoid an impact; minimize an impact; rectifying an impact by repairing, rehabilitating, or restoring; reducing an impact or compensating for an impact. The mitigations for the project are easiest to find in the Executive Summary of the EIR in Table ES-3.

The Final EIR Council Amendment is attached to the Staff Report. The Final EIR document is in addition to the Draft EIR and includes an introduction; the response to comments on the Draft EIR that also includes a response to a letter sent to the Planning Commission after the public comment period on the EIR ended; the errata to the draft EIR; and the mitigation monitoring and report program.

RECOMMENDATION

That the City Council certify and approve the Final Environmental Impact Report (Resolution 25-19) and approve: General Plan Amendment 24-02 (Resolution 25-20); Tentative Parcel Map 24-01 (Resolution 25-21); Site Plan and Design Review 25-19 (Resolution 25-22); and Planned Development Permit 24-01 (Resolution 25-23) and Introduce Ordinance 25-04 (Zone Change 24-02).

FISCAL IMPACT

There is no direct fiscal impact created by the proposed project; however, there will be new ongoing revenue generated by property tax that will be collected as the current school use does not generate property tax. Costs related to additional public services needs are determined to be less than significant.

ATTACHMENTS

- A. Letter from DUSD
- B. Letter From Abundant Housing LA

- C. Letter from Samuel Brown Re/ Final EIR for the Andres Duarte School Project
- D. Project Plans
- E. EIR – Available on City of Duarte Website ([Link](#))
- F. Final EIR City Council Amendment
- G. Ordinance 25-04
- H. Resolution 25-19
- I. Resolution 25-20
- J. Resolution 25-21
- K. Resolution 25-22
- L. Resolution 25-23

Fiscal Review:



Kristen Petersen
Assistant City Manager/
Director of Administrative Services

Reviewed and Approved:



Brian Villalobos
City Manager



1620 Huntington Drive
Duarte, CA 91010
Phone (626) 599-5000
Fax (626) 599-5069

BOARD OF EDUCATION

Reyna Diaz
Dr. James Finlay
Rosa Holguin
Dr. Laura Jasso
Tom Reyes

SUPERINTENDENT

Nadia Hillman, Ed.D.

September 12, 2025

VIA U.S. MAIL AND E-MAIL

City of Duarte
City Council
Attn: Frances Jimenez, City Clerk and
Craig Hensley, AICP, Community Development Director
1600 Huntington Drive
Duarte, CA 91010
Ph: (626) 357-7931
Em: fjimenez@accessduarte.com , chensley@accessduarte.com

Re: Duarte Unified School District's Supplemental Letter in Support of the Andres Duarte School Project (SCH No. 2024110837)

Dear Mr. Hensley and Councilmembers:

The Duarte Unified School District ("District") submits this letter in support of the Andres Duarte School Project ("Project") (SCH No. 2024110837) ahead of the City Council's Public Hearing on September 23, 2025. This letter supplements the District's two prior supportive comment letters submitted during the Draft Environmental Impact Report public review period and for the Planning Commission's review at its August 18, 2025, public hearing (attached).

I. The Project's Statutory Framework

A. Joint Occupancy Statutes

The District procured the Project under the Joint Occupancy statutes (Ed. Code, § 17515 et seq.), as reflected in the Board actions detailed in Section II of this letter. That chronology highlights how the District has proceeded with disposition of the former Andres Duarte Arts Academy located at 1433 Crestfield Drive, Duarte, California 91010 (APN 8604-017-903) ("Property"), and advanced implementation of the Project in accordance with those statutes.

B. Exemption From the SLA

Although the Surplus Land Act ("SLA") generally governs local agency property dispositions, projects undertaken pursuant to the Joint Occupancy statutes are expressly exempt. The District's Board adopted the SLA exemption resolution on October 19, 2023, and the Housing and Community Development Department ("HCD") confirmed the exemption shortly thereafter, as shown in its November 20, 2023, correspondence linked below.

C. Inapplicability of the Naylor Act

The Naylor Act is triggered when property is disposed of under a specific statutory framework—such is not the case here. Even if the Project did not proceed in the manner listed above, the Naylor Act is not applicable given that the requisite conditions set forth in Education Code section 17486 are not satisfied.

II. Chronology

The District's support of the Project and consideration of its effects on District students, the City, and the surrounding community are evinced throughout the Project's chronology from inception to the present:

September 2021	District commissions preparation of Boundary Study to assess enrollment (link)
December 16, 2021	District Board adopts Resolution No. 10-21-22 to consolidate Andres Duarte Arts Academy with other schools at end of 2021-22 academic year (link)
December 16, 2021	District files Notice of Exemption ("NOE") for Andres Duarte School Consolidation Project with Los Angeles County Clerk
December 16, 2021	Statute of limitations period for challenges to NOE begins
January 22, 2022	Statute of limitations period for challenges to NOE ends
February 10, 2022	District Board adopts Resolution No. 14-21-22 to form Asset Management Committee ("AMAC") (link)
February 17, 2022	District Board holds special public meeting to review data and plan considerations to transition students out of Andres Duarte
Spring 2022	District's AMAC meeting notice sent/posted
April 25, 2022	District Board appoints AMAC members
May 3 – May 23, 2022	District's AMAC holds four (4) meetings (link)
May 2022	Andres Duarte Arts Academy closes
June 9, 2022	District's AMAC submits Report on Findings and Recommendations to District Board to recommend that the Property be deemed surplus and assess best use (link)
November 17, 2022	District Board adopts Resolution No. 06-22-23 Resolution of Intention to consider proposals to enter into agreements to develop a portion of the Property for joint occupancy (link)
February 23, 2023	District collects RFQ/Ps for qualified developers
October 19, 2023	District Board adopts Resolution No. 04-23-24 to receive and consider proposals to develop the Property, approve Exclusive Negotiating Agreement ("ENA") with Adept, and declare the Property exempt surplus land (link)
November 20, 2023	HCD finds that the Property qualifies as exempt surplus land (link)
March 14, 2024	District Board approves ENA
March 18, 2024	District enters into ENA with Crestfield (Adept affiliate) (link)
September 12, 2024	Adept presents Community Outreach and Communication Plan (link)
November 20, 2024	Adept holds Community Outreach Meeting
November 22, 2024	City issues Notice of Preparation ("NOP") of Draft EIR (link)
January 7, 2025	City holds Scoping Meeting
January 21, 2025	NOP comment deadline
February 2025	Adept presents Community Outreach and Communication Plan (link)
March 10, 2025	MGT presents Resident Student Forecast to District Board (link)
June 17, 2025	City issues Notice of Availability ("NOA") of Draft EIR (link)
July 29, 2025	District submits supportive comment letter
July 31, 2025	Draft EIR comment deadline
August 18, 2025	City Planning Commission public hearing
September 23, 2025	City Council public hearing

III. Average Daily Attendance

Public school districts across the state and nation are experiencing an unprecedented decline in student enrollment. This is due to a number of factors, some of which include declining birth rates, reduction of kindergarten class sizes, and an exodus of families out of California. The District has not been immune, having experienced its highest enrollment in the early 2000s.

To further understand the issue, the District commissioned an investigation in May 2021, which found that the District's schools were operating at between 55% to 68% of their capacity. A subsequent study commissioned in March of this year confirmed an ongoing decline in enrollment. (2025 MGT Report: Resident Student Forecast.) In fact, the District is projected to lose an additional 14% of its students over the next five (5) years and an alarming 23% over the next ten (10) years.

It is because of these prior and projected enrollment figures that reopening the Andres Duarte Arts Academy is not feasible. The District did not and will not have the minimum student population or average daily attendance to justify keeping the campus operational. Consolidating District schools ensures that the already scarce financial and human resources are utilized as efficiently as possible. Furthermore, reopening would contradict the District's community-driven AMAC process, which concluded, after extensive analysis and resources, that the Property should repurposed in a manner that supports the long-term stability for the District and students. To pause or retract this process now would cost the District more resources than it has available.

Outlined here and in Section II above, the process of deeming the Property exempt surplus land; assessing its highest value; soliciting, locating, and negotiating with developers; and relocating students has remained transparent, thorough, and with students' interests at the center of every decision.

IV. Project Impacts to Existing Fields

The Project proposes to preserve, redevelop, and increase the size of the existing Park, in addition to the relocation of the currently existing Duarte Preschool ("Preschool") and Mount Olive Innovation and Technology High School ("MIT").

Currently, the Park comprises 5.9 acres and contains a barbecue and picnic area, playground, restrooms, and softball field. Following its relocation, the MIT portion of the Property would be demolished and incorporated into the Park, which is designed to accommodate all existing recreational uses of the existing Park and school grounds, along with additional amenities such as a soccer field and open turf area. The redeveloped Park will total approximately 6.32 acres.

The Preschool and MIT are proposed to be relocated to other District campuses. Specifically, the Preschool will be relocated to the northeastern portion of the Beardslee Dual Language Academy, which is approximately 1.4 miles southwest of the Property. The relocation of MIT is currently being analyzed to ensure minimal disruption to students. In conclusion, the Project will not cause any permanent disruptions to or reductions in use of the existing fields, but rather enhance and expand its recreational and open space uses.

V. Conclusion

The District respectfully requests that the City Council approve the Project's entitlements and certify the EIR. Doing so would help advance goals that provide long-term, tangible benefits to all parties involved. The District appreciates your consideration and will continue to work collaboratively as needed to ensure the Project's successful implementation.

Sincerely,

A handwritten signature in black ink, appearing to read "Nadia Hillman".

Nadia Hillman, Ed.D.
Superintendent of Schools
Duarte Unified School District

CC:

[Orbach](#) Huff & Henderson LLP



1620 Huntington Drive
Duarte, CA 91010
Phone (626) 599-5000
Fax (626) 599-5069

BOARD OF EDUCATION

Reyna Diaz
Dr. James Finlay
Rosa Holguin
Dr. Laura Jasso
Tom Reyes

SUPERINTENDENT

Nadia Hillman, Ed.D.

August 18, 2025

VIA U.S. MAIL AND E-MAIL

City of Duarte
Community Development Department
Attn: Frances Jimenez, City Clerk and
Craig Hensley, AICP, Community Development Director
1600 Huntington Drive
Duarte, CA 91010
Ph: (626) 357-7931
Em: fjimenez@accessduarte.com, chensley@accessduarte.com

Re: Duarte Unified School District's Letter in Support of the Andres Duarte School Project (SCH No. 2024110837) – Agenda Item No. 5A

Dear Mr. Hensley and Commissioners:

The Duarte Unified School District ("District") submits this letter in support of the Andres Duarte School Project ("Project") (SCH No. 2024110837) and its Environmental Impact Report ("EIR") ahead of the Planning and Economic Development Commission's ("Commission") Public Hearing on Monday, August 18, 2025.

I. Introduction

The Project is located at 1433 Crestfield Drive in the City of Duarte (APN 8604-017-903) ("Property"), which is currently comprised of the Otis Gordon Sports Park, Mount Olive Innovation and Technology High School, and vacant school buildings that were previously occupied by the Andres Duarte Arts Academy. The Project proposes demolition and/or relocation of existing school buildings and park structures and the construction of 169 residential units across 25 multifamily buildings, along with a 3,155-square-foot leasing office and recreation facility. The Project also includes the preservation and redevelopment of the Otis Gordon Sports Park.

The Project now appears before the Commission for approval or recommendation for approval of:

- General Plan Amendment 24-02,
- Zone Change 24-02,
- Tentative Parcel Map (84544) 24-01,
- Site Plan and Design Review 25-19,
- Planning Development Permit 24-01, and
- Final EIR.

II. Project Benefits

The Project offers many benefits, the most critical of which are summarized below and expanded upon in the District's July 28, 2025, comment letter (attached here as Attachment "A").

A. Housing and RHNA Compliance

First, the Project aims to address the state's dire housing shortage by helping the City meet its Regional Housing Needs Allocation ("RHNA"), which is 886 residential units for the 2021-2029 planning period.

Second, the Project prioritizes family-sized housing suitable for households with school-aged children, thereby supporting the City's growth, neighborhood stability, and long-term community retention while also offering families the opportunity to experience the benefits of premium neighborhood living (e.g., living beside a park, walking distance to schools, beautiful neighborhood) without the risks and sacrifices associated with purchasing a home.

B. District Enrollment and Funding

Third, by increasing the supply of family-sized housing and attracting more households with school-aged children, the Project is expected to mitigate the District's declining enrollment (an issue many school districts in the area and state are facing), and increase average daily attendance with direct implications for increased state funding. In fact, the District has been experiencing an ongoing and steady decline in enrollment since before 2016, according to a March 2025 report commissioned by the Board of Education ("Board"). The District is operating between 55% and 68% of its capacity, according to a 2021 study, and is expected to experience an additional 14% decrease over the next five (5) years, unless action is taken.

C. Revitalization and Community Impact

Fourth, the Project revitalizes a former school site, transforming it into a productive asset, not only for the City and District, but for the immediate surrounding neighborhood. To ensure alignment with local needs, community input to the District and City informed the site planning and utilization of the site and Project.

D. Revenue Generation

Last, the Project will generate ongoing and substantial lease revenue and can be utilized, subject to Board approval and direction, to support the District's educational programs (for example, the development of STEM programs). After extensive consideration, the District chose to pursue leasing instead of sale or potential exchange of the Property in order to have maximum flexibility for use of the proceeds, rather than their use restricted solely to capital improvements.

E. Additional Benefits

In addition to these primary benefits, the Project's tangential benefits include enhanced neighborhood safety and aesthetics from activating an underutilized site, increased local spending by new residents, enhanced property values in the neighborhoods, and strengthened community engagement as the Otis Gordon Sports Park is revitalized. By realizing these primary and secondary benefits, the Project constitutes a coordinated and holistic approach to addressing the City's and community's civic goals in alignment with the District's goals of, among other benefits, revenue generation for General Fund purposes and long-term growth of the District's student population.

III. Conclusion

The District respectfully requests that the Commission approve the Project's entitlements before it and recommend approval of those proposed for review by the City Council. Doing so would help advance goals that provide long-term, tangible benefits to the District, the City, and the community. The District appreciates your consideration and will continue to work collaboratively as needed to ensure the Project's successful implementation. Should the Commission have any questions, it should feel free to contact the District.

Sincerely,

A handwritten signature in black ink, appearing to read "Nadia Hillman".

Nadia Hillman, Ed.D.
Superintendent of Schools
Duarte Unified School District

CC:
[Orbach](#) Huff & Henderson LLP



1620 Huntington Drive
Duarte, CA 91010
Phone (626) 599-5000
Fax (626) 599-5069

Attachment A

BOARD OF EDUCATION

Reyna Diaz
Dr. James Finlay
Rosa Holguin
Dr. Laura Jasso
Tom Reyes

SUPERINTENDENT

Nadia Hillman, Ed.D.

July 29, 2025

VIA U.S. MAIL AND E-MAIL

City of Duarte
Community Development Department
Attn: Frances Jimenez, City Clerk and
Craig Hensley, AICP, Community Development Director
1600 Huntington Drive
Duarte, CA 91010
Em: fjimenez@accessduarte.com,
chensley@accessduarte.com

**Re: Duarte Unified School District's Letter in Support of the Andres Duarte School Project (SCH No. 2024110837)
at 1433 Crestfield Drive, Duarte, CA 91010 (APN 8604-017-903)**

Dear Ms. Jimenez, Mr. Hensley, and Planning Commission:

In light of the actions that the Board of Education took in November 2022, October 2023, and March 2024, the Duarte Unified School District ("District") submits this letter in support of the Andres Duarte School Project ("Project") during the Draft Environmental Impact Report ("DEIR") public comment period, and to provide a concise summary of why the City should approve the Project.

The Project is located at 1433 Crestfield Drive in the City of Duarte (APN 8604-017-903) ("Property"), which is currently comprised of the Otis Gordon Sports Park, Mount Olive Innovation and Technology High School, and vacant school buildings that were previously occupied by the Andres Duarte Arts Academy. The Project proposes demolition and/or relocation of existing school buildings and park structures and the construction of 169 residential units across 25 multi-family three-story buildings, along with a 3,155-square-foot leasing office and recreation facility. The Project also includes the preservation and redevelopment of the Otis Gordon Sports Park, which will include recreational fields, open turf area, overhead structures with barbecue and picnic tables, restrooms, snack shack, outdoor gym park, resurfaced tot lot, and internal meandering pedestrian walkways that connect the park with residential areas.

The Project would directly address regional housing shortages and support long-term residential stability by increasing the supply of family-sized housing in the City. By providing housing options suitable for larger households, the Project enables families, including those with children who attend District schools, to live and remain in the community. Therefore, the Project would not only revitalize the former school site, but it could also contribute to stronger community ties and increased continuity in District enrollment, which is forecasted to decline by 14% over the next five years (this point is further addressed below). The Project also promotes efficient land use through infill development—minimizing sprawl and supporting walkability—all in alignment with the City's and District's shared priorities for housing equity, community development, and long-term quality of life for current and future Duarte residents.

The District further emphasizes that the Project advances two critical goals or components identified during one of the District's recent 7-11/Asset Management Committee meetings, which resulted in recommendations to the District's Governing Board regarding use and disposition options for the Property: (1) joint use of the site, and (2) enhanced recreational amenities. The

redesigned Otis Gordon Sports Park, which will remain under District operation and maintenance, and the new recreation building with shared-use space for future residents and the public demonstrate a clear intention to maximize community benefit. These amenities are intended to serve both District students and the broader public.

Further, the Project reflects an additional mutually beneficial public-private collaboration: the District has made the Property available for development and long-term lease, thereby generating a substantial and ongoing source of revenue for educational purposes while also supporting neighborhood reinvestment as the residential units are proposed to be priced and sized to attract families whose children will attend District schools (which will in turn increase the District's financial sustainability). Specifically, the Project's residential element includes five types of townhomes comprised of three- and four-bedroom units, 338 enclosed parking spaces, 35 open-surface parking spaces, and four ADA parking spaces. Pedestrian walkways will provide connectivity throughout the Property with links between the leasing office, central recreation area, residential buildings, pedestrian corner plaza, common space areas, and the public park. Together, these features reinforce the District's ongoing commitment to collaborate with the City to maximize long-term benefits to the community.

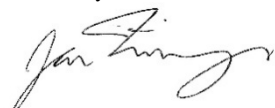
Lastly, the Project represents a critical investment in revitalizing the Property. The proposed design is intended to be compatible with the surrounding neighborhood and enhance local property values. The District remains committed to full compliance with the California Environmental Quality Act (CEQA) and to mitigate potential impacts, such as those related to traffic, aesthetics, and noise. The Project's overall design and visual appeal are intended to integrate seamlessly into the community and improve the local area.

The District supported the development and integration of high-quality housing and modernized public amenities envisioned by the Project as evidenced by the following Board actions:

- Resolution 06-22-23 (Resolution of Intention of the Board of Education of the Duarte Unified School District to Consider Proposals to Enter Into Agreements to Develop A Portion of Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010 for Joint Occupancy) on November 17, 2022;
- Resolution 04-23-24 (Resolution of the Board of Education of the Duarte Unified School District to Receive and Consider Proposals to Develop Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010, Approve Negotiating an Exclusive Negotiating Agreement and to Declare the Property as Exempt Surplus Land) on October 19, 2023; and
- Approval of Exclusive Negotiating Agreement with Crestfield Townhomes, LLC, an affiliate of Adept/MW Investment Group to Develop A Portion of Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010 For Joint Occupancy on March 18, 2024.

The District also recognizes the long-term benefits the Project offers the local community. The District values its relationship with the City as a sister public agency and is pleased to submit this letter of support for the Project. We hope the information contained in this letter provides additional support for the main reasons why the Project should be approved, not only for the District's gain, but equally for the benefit of the City and community. We look forward to your decision.

Sincerely,



James Finlay, DVM, PhD
School Board President

CC:
[Orbach](#) Huff & Henderson LLP



1620 Huntington Drive
Duarte, CA 91010
Phone (626) 599-5000
Fax (626) 599-5069

BOARD OF EDUCATION

Reyna Diaz
Dr. James Finlay
Rosa Holguin
Dr. Laura Jasso
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SUPERINTENDENT

Nadia Hillman, Ed.D.

July 29, 2025

VIA U.S. MAIL AND E-MAIL

City of Duarte
Community Development Department
Attn: Frances Jimenez, City Clerk and
Craig Hensley, AICP, Community Development Director
1600 Huntington Drive
Duarte, CA 91010
Em: fjimenez@accessduarte.com,
chensley@accessduarte.com

**Re: Duarte Unified School District's Letter in Support of the Andres Duarte School Project (SCH No. 2024110837)
at 1433 Crestfield Drive, Duarte, CA 91010 (APN 8604-017-903)**

Dear Ms. Jimenez, Mr. Hensley, and Planning Commission:

In light of the actions that the Board of Education took in November 2022, October 2023, and March 2024, the Duarte Unified School District ("District") submits this letter in support of the Andres Duarte School Project ("Project") during the Draft Environmental Impact Report ("DEIR") public comment period, and to provide a concise summary of why the City should approve the Project.

The Project is located at 1433 Crestfield Drive in the City of Duarte (APN 8604-017-903) ("Property"), which is currently comprised of the Otis Gordon Sports Park, Mount Olive Innovation and Technology High School, and vacant school buildings that were previously occupied by the Andres Duarte Arts Academy. The Project proposes demolition and/or relocation of existing school buildings and park structures and the construction of 169 residential units across 25 multi-family three-story buildings, along with a 3,155-square-foot leasing office and recreation facility. The Project also includes the preservation and redevelopment of the Otis Gordon Sports Park, which will include recreational fields, open turf area, overhead structures with barbecue and picnic tables, restrooms, snack shack, outdoor gym park, resurfaced tot lot, and internal meandering pedestrian walkways that connect the park with residential areas.

The Project would directly address regional housing shortages and support long-term residential stability by increasing the supply of family-sized housing in the City. By providing housing options suitable for larger households, the Project enables families, including those with children who attend District schools, to live and remain in the community. Therefore, the Project would not only revitalize the former school site, but it could also contribute to stronger community ties and increased continuity in District enrollment, which is forecasted to decline by 14% over the next five years (this point is further addressed below). The Project also promotes efficient land use through infill development—minimizing sprawl and supporting walkability—all in alignment with the City's and District's shared priorities for housing equity, community development, and long-term quality of life for current and future Duarte residents.

The District further emphasizes that the Project advances two critical goals or components identified during one of the District's recent 7-11/Asset Management Committee meetings, which resulted in recommendations to the District's Governing Board regarding use and disposition options for the Property: (1) joint use of the site, and (2) enhanced recreational amenities. The

redesigned Otis Gordon Sports Park, which will remain under District operation and maintenance, and the new recreation building with shared-use space for future residents and the public demonstrate a clear intention to maximize community benefit. These amenities are intended to serve both District students and the broader public.

Further, the Project reflects an additional mutually beneficial public-private collaboration: the District has made the Property available for development and long-term lease, thereby generating a substantial and ongoing source of revenue for educational purposes while also supporting neighborhood reinvestment as the residential units are proposed to be priced and sized to attract families whose children will attend District schools (which will in turn increase the District's financial sustainability). Specifically, the Project's residential element includes five types of townhomes comprised of three- and four-bedroom units, 338 enclosed parking spaces, 35 open-surface parking spaces, and four ADA parking spaces. Pedestrian walkways will provide connectivity throughout the Property with links between the leasing office, central recreation area, residential buildings, pedestrian corner plaza, common space areas, and the public park. Together, these features reinforce the District's ongoing commitment to collaborate with the City to maximize long-term benefits to the community.

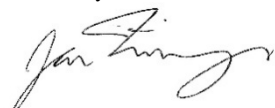
Lastly, the Project represents a critical investment in revitalizing the Property. The proposed design is intended to be compatible with the surrounding neighborhood and enhance local property values. The District remains committed to full compliance with the California Environmental Quality Act (CEQA) and to mitigate potential impacts, such as those related to traffic, aesthetics, and noise. The Project's overall design and visual appeal are intended to integrate seamlessly into the community and improve the local area.

The District supported the development and integration of high-quality housing and modernized public amenities envisioned by the Project as evidenced by the following Board actions:

- Resolution 06-22-23 (Resolution of Intention of the Board of Education of the Duarte Unified School District to Consider Proposals to Enter Into Agreements to Develop A Portion of Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010 for Joint Occupancy) on November 17, 2022;
- Resolution 04-23-24 (Resolution of the Board of Education of the Duarte Unified School District to Receive and Consider Proposals to Develop Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010, Approve Negotiating an Exclusive Negotiating Agreement and to Declare the Property as Exempt Surplus Land) on October 19, 2023; and
- Approval of Exclusive Negotiating Agreement with Crestfield Townhomes, LLC, an affiliate of Adept/MW Investment Group to Develop A Portion of Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010 For Joint Occupancy on March 18, 2024.

The District also recognizes the long-term benefits the Project offers the local community. The District values its relationship with the City as a sister public agency and is pleased to submit this letter of support for the Project. We hope the information contained in this letter provides additional support for the main reasons why the Project should be approved, not only for the District's gain, but equally for the benefit of the City and community. We look forward to your decision.

Sincerely,



James Finlay, DVM, PhD
School Board President

CC:
[Orbach](#) Huff & Henderson LLP



ABUNDANT HOUSING LA

H O U S I N G F O R A L L

September 2, 2025

Councilmember Margaret Finlay, mfinlay@cityofduarte.ca.gov
Councilmember Martin Calderon, mcalderon@cityofduarte.ca.gov
Councilmember Vinh Truong, vtruong@cityofduarte.ca.gov
Mayor Pro Tem Tera Martin Del Campo, tmartindelcampo@cityofduarte.ca.gov
Councilmember Sam Kang, skang@cityofduarte.ca.gov
Mayor Cesar Garcia, cgarcia@cityofduarte.ca.gov
Councilmember Toney Lewis, tlewis@cityofduarte.ca.gov

Dear Duarte City Council,

We are Abundant Housing LA, a membership driven pro-housing movement representing thousands of Angelenos across our County. We are writing to you in support of the proposed 169-unit development at 1433 Crestfield Drive, including 28 affordable units, on the former school site of Andres Duarte school. We urge the City Council to approve the project and allow the project to move forward.

This project is in a good location for housing. It is one mile from a Metrolink station, less than half a mile from bus stops, and next to Otis Garden Park, which the developers will preserve and upgrade. The greater Los Angeles region is facing a severe housing shortage, particularly affordable housing. This project will help provide that much needed housing by replacing a school without the loss of any residential units, and will further enhance Otis Gordon Park. We urge the city to move ahead with the approval of this project.

Best Regards,

Azeen Khanmalek

Azeen Khanmalek
AHLA Executive Director

John Yi

John Yi
AHLA Director of Organizing

Tami Kagan-Abrams

Tami Kagan-Abrams
AHLA Project Director

Complaint – Surplus Land Act & Naylor Act Violations – Andres Duarte School Property (City of Duarte / DUSD)1 message

S B <samwesbrown@gmail.com>

Tue, Sep 16, 2025 at 5:10 PM

To: PublicLandsPortal@hcd.ca.gov

Cc: Craig Hensley <chensley@accessduarte.com>, duarteinfo@accessduarte.com, Duardo_Debr
<Duardo_Debra@laoe.edu>, Rob.Bonta@doj.ca.gov

Samuel Brown

Email: samwesbrown@gmail.com

September 16, 2025

Via Email: PublicLandsPortal@hcd.ca.gov

California Department of Housing and Community Development (HCD)

Division of Housing Policy Development

[651 Bannon Street, Suite 400](#)[Sacramento, CA 95811](#)

Re: Complaint Regarding Non-Compliance with Surplus Land Act and Naylor Act – Andres Duarte School Property / Crestfield Townhomes LLC (MW Investment Group), City of Duarte / Duarte Unified School District

Dear HCD Public Lands Staff,

On behalf of the SGV Anti-Displacement Coalition and as an affected resident, I am submitting this complaint regarding the disposition of public school and park lands at the former Andres Duarte School and Otis Gordon Sports Park, located at [1433 Crestfield Drive, Duarte, CA 91010](#) (APN 8604-017-903).

Both the City of Duarte (lead CEQA agency) and the Duarte Unified School District (DUSD, public landowner) are moving forward with the Crestfield Townhomes Project, a joint-occupancy development with MW Investment Group (a/k/a Crestfield Townhomes LLC), without complying with the Surplus Land Act (Gov. Code §§ 54220–54234) and the Naylor Act (Ed. Code §§ 17485–17500).

Basis of Complaint**Naylor Act Violation**

The project site includes Otis Gordon Sports Park with two long-used baseball diamonds and public recreation facilities. Records show decades of joint use between the District and City.¹

The current plan removes one diamond and reduces functional park acreage by one-third.²

This triggers the Naylor Act's mandate that up to 30% of long-used recreation land must be offered to the local parks agency at no more than 25% of fair market value before lease, sale, subdivision, or encumbrance.

No such pre-offer, valuation, or statutory procedure appears in the record. Proceeding without this step is unlawful.

Surplus Land Act Violation

On October 19, 2023, the DUSD Board adopted a resolution declaring the Andres Duarte site "Exempt Surplus Land" and approved an Exclusive Negotiating Agreement with Crestfield Townhomes LLC on March 18, 2024.³

The exemption designation and subsequent negotiations occurred without demonstrating compliance with SLA notice requirements or valid exemption findings under Gov. Code § 54221(f).

The record shows no Notice of Availability (NOA) was sent to affordable housing developers, park agencies, or other priority entities as required by SLA.

CEQA Record Confirms Recreation Loss

The Final EIR and City Council Amendment (Sept. 2025) acknowledge removal of a baseball diamond and reduced open space.⁴

The DEIR responses admit no Park-Preservation Alternative was analyzed and that recreation acreage is being diminished.

CEQA cannot lawfully assume conversion of protected parkland unless SLA and Naylor Act compliance has been completed.

EIR documents are publicly available via the City of Duarte's "Development Projects & Plans" portal:
<https://www.cityofduarte.ca.gov/government/departments/community-development/development-projects-plans>

Public Access Concerns

Public notices and hearing processes have excluded non-English-speaking communities and failed to provide functional email access for public comment.⁵

Requested Enforcement Action

We respectfully request that HCD:

- Investigate whether DUSD's "Exempt Surplus Land" designation and exclusive negotiating agreement comply with the Surplus Land Act.
- Determine whether the Naylor Act applies, and if so, require DUSD to complete the statutory pre-offer of recreation lands at ≤ 25% fair market value before further approvals.
- Issue a Notice of Violation if compliance has not been demonstrated.
- Direct the City of Duarte and DUSD to cure violations before proceeding, including recirculation of CEQA documents that reflect lawful alternatives and mitigation.

Attachments / Supporting Materials

- Final EIR – Andres Duarte School Project (Sept. 2025) (City of Duarte) – via City's EIR portal
- **SGV Anti-Displacement Coalition CEQA/Naylor Act Objection Letter (Aug. 16, 2025)**³
- **Brown Act / Language Access Complaint Letter (Aug. 18, 2025)**⁵

Please confirm receipt of this complaint and advise of next steps under HCD's enforcement process.

Sincerely,
Samuel Brown
SGV Anti-Displacement Coalition
Email: samwesbrown@gmail.com

Footnotes

1. Duarte Unified School District, history of joint use of Andres Duarte School and Otis Gordon Sports Park (referenced in coalition filings and City records).
2. City of Duarte, *Final EIR – Andres Duarte School Project, City Council Amendment, September 2025*, at pp. 3.5–12, 3.12–7 (acknowledging loss of one baseball diamond and reduction of recreation space).
3. Duarte Unified School District, Resolution declaring Andres Duarte property "Exempt Surplus Land," October 19, 2023; Exclusive Negotiating Agreement with Crestfield Townhomes LLC, March 18, 2024.
4. City of Duarte, *Final EIR – Andres Duarte School Project, City Council Amendment, September 2025*, publicly

posted via City development projects & plans portal: <https://www.cityofduarte.ca.gov/government/departments/community-development/development-projects-plans>

5. Coalition Letter on Brown Act and Language Access violations, August 18, 2025, documenting lack of Spanish-language notice and failure of City website to provide email access for public comment.

Other relevant links:

- HCD Surplus Land Act Enforcement Portal – “Violations of the Surplus Land Act,” California Department of Housing and Community Development: <https://www.hcd.ca.gov/planning-and-research/public-lands/surplus-land/violations>
- Surplus Land Act Guidelines (2024 update) – California Department of Housing and Community Development: <https://www.hcd.ca.gov/sites/default/files/docs/planning-and-community/final-updated-surplus-land-act-guidelines-2024.pdf>

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 Asset Mgmt Asset Comm Final Rpt_276645mdsd...

 Brown_Act_Complaint_Exhibit_Binder_Duarte_C...

 City of Duarte Joint Use Agreement_1041268md...

 Crestfield Townhomes ENA District Adept Final_7...

 Crestfield Townhomes ENA District Adept Final_7...

 Resolution 04-23-24 Exclusive Negotiating Agree...

 RFP - Adept_627965mdsdv0wgb01kutwmvculi4zj...

3 attachments

 **Untitled document 8.pdf**
68K

 **Untitled document 7.pdf**
226K

 **Andres Duarte School Project_Final EIR-City Council Amendment_September 2025.pdf**
5849K

August 16, 2025

Via Certified Mail & Email

Mayor and Members of the City Council

City of Duarte

1600 Huntington Drive

Duarte, CA 91010

President and Members of the Board of Education

Duarte Unified School District

1620 Huntington Drive

Duarte, CA 91010

Re: Proposed Crestfield Townhomes LLC Development in Duarte – A Regional Threat in the San Gabriel Valley — Formal CEQA and Naylor Act Objection — Andres Duarte School / Crestfield Townhomes LLC Project

CC: All Members, Duarte City Council; All Members, Duarte USD Board of Education; Crestfield Townhomes LLC

Executive Summary

On behalf of the SGV Anti-displacement Coalition, we submit this formal objection to the Crestfield Townhomes LLC project at the former Andres Duarte School property. The City of Duarte ("City"), as CEQA Lead Agency, and Duarte Unified School District ("DUSD"), as a Naylor Act-governed entity and the public landowner, have independent, non-delegable duties to (1) preserve dedicated public recreation land consistent with the Naylor Act and (2) prepare a legally adequate Environmental Impact Report ("EIR") that fully discloses and mitigates significant environmental impacts under CEQA. The administrative record shows the project would remove one of the site's two baseball diamonds and reduce functional public park acreage by roughly one-third,

while constructing 169 multifamily townhomes and associated private amenities on ±7.83 acres of a ±14.16-acre public school site [1][2][3][4][5][6].

Key legal defects include:

- Naylor Act: DUSD must first offer up to 30% of long-used outdoor recreation land to the local parks agency at no more than 25% of fair market value before any disposition, subdivision, lease, or encumbrance. The loss of a ballfield and one-third of park acreage triggers this mandatory pre-offer; proceeding without it is unlawful.
- CEQA Substantive Impacts: Significant, unmitigated impacts to recreation, land use/planning, transportation safety (including ramp/back-of-queue hazards), air quality and construction health risk, noise/vibration, biological resources (including protected native trees), greenhouse gases/energy, hydrology/water quality, and cumulative impacts [5][7][8][9][10][11].
- CEQA Procedural Defects: Improper segmentation/piecemealing of park reconfiguration; failure to analyze a feasible Park-Preservation Alternative; inadequate responses to Caltrans and community comments; and unenforceable/deferred mitigation in violation of Guidelines §§ 15088, 15126.2, 15126.4, 15126.6, 15130.
- Environmental Justice & Displacement: The site buffers neighborhoods from the Irwindale industrial corridor (*where there are 16 active pit mines*) and I-210/I-605. Eliminating a free, walkable park in an already burdened area and introducing high-amenity, market-rate units (with no deed-restricted affordability) foreseeably increases displacement pressure on nearby Naturally Occurring Affordable Housing (NOAH) rentals and degrades community health resilience [4][12][13][14].
- Public Misrepresentation: Developer marketing materials claim “park expansion” and imply community benefits that the record does not substantiate. The EIR must correct these statements and disclose accurate, enforceable public benefit terms.

Requested relief: Withdraw the DEIR; prepare and recirculate a Revised EIR that includes a Park-Preservation Alternative retaining both diamonds; provides enforceable mitigation/monitoring; supplies a qualified arborist inventory and native tree protection/replacement plan; conducts a tract-level EJ/displacement analysis using ACS and established DPI/UDP frameworks; and demonstrates Naylor Act compliance before any approval or land encumbrance.

I. Introduction and Standing

The **SGV Anti-displacement Coalition** is a community-based organization committed to protection of public lands, parks, and environmental justice in Los Angeles County. The Coalition and its members regularly use, or would use, Otis Gordon Sports Park and the Andres Duarte School open space for youth sports, daily exercise, and community gathering. The Coalition's interests fall within CEQA's zone of interests (Pub. Res. Code § 21000 et seq.) and the Naylor Act's purpose to preserve school recreation land for public benefit (Ed. Code §§ [17485–17500](#)). Adverse project impacts would directly injure members' use and enjoyment of the park and surrounding neighborhoods.

If the City or DUSD proceed in violation of CEQA or the Naylor Act, the Coalition will seek injunctive relief and a writ of mandate and will pursue attorney's fees under Code Civ. Proc. § 1021.5.

II. Project Description, Baseline, and Record Citations

The project would demolish/repurpose portions of the former Andres Duarte School and redevelop the eastern ±7.83 acres with 169 multi family townhomes in 25 three-story buildings plus a leasing/amenity building and 377 residential parking spaces; the western ±6.32 acres (Otis Gordon Sports Park) would be “reconfigured,” with 59 park spaces and two new driveways on Central Avenue. Construction is slated for April 2026–September 2028 [1][2][3][4].

The Initial Study/Notice of Preparation (IS/NOP), Draft EIR Chapter 2, Notice of Availability (NOA), and CalEEMod Appendix E confirm this program and modeling inputs (land uses: “Condo/Townhouse High Rise — 169 DU” and “City Park — 6.32 acres”) [1][2][3][4]. The IS/DEIR materials also acknowledge a reduction in active recreation capacity, including loss of one baseball diamond and shrinkage of functional open space [5]. Site plans and City figures yield a pre- vs post-project open space change of 2.43 acresto 1.60 acres (net loss 0.83 acres, or –34.2%) [6].

CEQA Baseline: The existing conditions baseline for recreation and traffic must reflect actual, current, pre-project use (two diamonds, current field scheduling, and existing access/circulation patterns). Any reliance on an artificially reduced baseline (e.g., temporary closure during planning) would be improper.

III. Naylor Act — Statutory Obligations, Triggers, and Application to this Site

A. Purpose, Scope, and Triggers

The Naylor Act protects community recreation assets located on public school lands by requiring pre-offer of up to 30% of land long used for outdoor recreation (8+ consecutive years) to the local parks/recreation agency at no more than 25% of fair market value before a district may sell, lease, or otherwise dispose of it (Ed. Code §§ [17485–17500](#)). Protected uses include “school playground, playing field, or other outdoor recreational purposes,” which courts and Attorney General opinions have interpreted broadly to include joint-use areas used by the public outside school hours. The Act’s valuation and priority rules ensure such land remains available for recreation at a price public agencies can afford.

B. Joint-Use at Andres Duarte Triggers the Act

The record demonstrates decades of joint-use between DUSD and the City on the western/southern portions of the site, including two baseball diamonds, ancillary facilities, lighting, and public access [1][2][5]. The DEIR acknowledges removal of one diamond and a one-third reduction in open space. Those facts, combined with long-term community use, satisfy the Act’s “used for recreational purposes” trigger.

C. “Disposition” and “Encumbrance” Include Subdivision and Ground Lease Structures

The Naylor Act's protections are not limited to fee sales; they cover subdivision, lease, ground lease, dedication, or any encumbrance that would remove the land from recreational use or materially constrain its availability. A residential subdivision map coupled with a long-term ground lease or disposition and development agreement (DDA) is a "disposition" for purposes of the Act because it converts the use and strips public rights from the protected acreage.

D. Required Pre-Offer Procedure and Valuation

Before approving any action that would reduce recreation acreage or capacity, DUSD must: (1) map the portion(s) used for outdoor recreation for the prior 8+ years; (2) calculate the 30% set-aside; (3) formally offer those lands to the City's parks department at $\leq 25\%$ of fair market value; and (4) allow the statutory response period to run. No CEQA approval may vest until this statutory process is completed.

E. Non-Compliance is Unlawful and Remediable by Writ and Injunction

Proceeding without the pre-offer is ultra vires and subject to mandamus and injunctive relief. Because CEQA's project description and alternatives must reflect a lawful project, the EIR cannot assume conversion of protected parkland unless the Naylor Act process has been satisfied. Failure to perform the pre-offer also undermines the EIR's alternatives analysis, because acquisition of the protected portion by the City would materially change feasible layouts (e.g., keep both diamonds) and mitigation options.

Conclusion: The record shows a reduction of recreation land and removal of a field [5][6]. The Naylor Act applies and has not been satisfied. Approval would be unlawful.

IV. CEQA Substantive Impacts and Deficiencies

A. Recreation and Land Use/Planning

Significance: Appendix G flags the “substantial physical deterioration of recreational facilities” and “increased use such that physical deterioration would occur or be accelerated” as significant impacts. Removing a diamond and shrinking the park by $\approx$ one-third is a per se substantial adverse change [5][6].

Deficiencies: The DEIR fails to: (1) quantify existing vs. post-project field capacity (bookable hours, teams served, league scheduling); (2) disclose lost programs (youth baseball/softball, practices, pick-up play); (3) provide any in-kind replacement that is actually public, proximate, and of equal or greater utility; and (4) ensure enforceability via conditions and MMRP. Reliance on generalized “park reconfiguration” or shared private open spaces does not satisfy CEQA because private HOA amenities are not equivalent to free public recreation.

Mitigation/Alternatives (Feasible):

- Park-Preservation Alternative: Re-plan blocks, reduce private yard setbacks, allow tandem/stack/structured parking, narrow internal streets, or increase building efficiency to retain both diamonds within the site envelope.
- Off-site In-Kind Replacement: Acquire/construct equivalent diamonds within $\frac{1}{2}$ mile with lighted, bookable fields and long-term deed restrictions for public access.
- Scheduling/Programming: Fund additional hours at nearby fields only if capacity exists and is secured via binding ILA; otherwise, this is not mitigation.

B. Transportation Safety, Access, and Site Design

Caltrans’ NOP letter requests a full TIS, ramp/terminal queuing analysis at I-210 off-ramps, and multi-modal safety elements (Class II/IV bikeways, high-visibility crossings, speed management, TDM) [7]. The Ganddini TIS identifies pre-existing LOS E/F and signal warrants and evaluates opening year scenarios [8].

Deficiencies: The DEIR fails to: (1) model ramp back-of-queue spillback and weaving under construction and opening conditions; (2) evaluate driveway conflicts with park users (youth pedestrians) on Central Ave.; (3) commit to VZ-consistent design (narrow lanes, raised crossings); and (4) condition TDM (unbundled parking, transit passes, bike rooms) as enforceable measures.

Mitigation: Install warranted signals; protected intersections for high-injury network segments; raised crosswalks; protected bikeways on project frontages; on-site circulation separation between park traffic and residential drive aisles; cap parking supply to avoid induced traffic and comply with Caltrans guidance [7][8].

C. Air Quality, Construction Health Risk, and Energy/GHG

The HRA shows a maximum uncontrolled construction cancer risk of ~160.8 per million at a residential receptor for the 2026–2028 window [9]. This exceeds SCAQMD thresholds absent stringent controls.

Required Measures: Tier 4 off-road equipment; verified idling restrictions; electric construction equipment and shore power where feasible; perimeter DPM filtration; onsite concrete batch/no diesel gensets; real-time PM monitoring with stop-work triggers; notification/risk communication to receptors; and a funded MMRP.

GHG/Energy: The DEIR must quantify construction and operational GHGs, adopt no-gas building design (all-electric), EV-ready parking, solar PV, and building performance beyond Title 24, and demonstrate consistency with SB 32/Scoping Plan. Deferral to future design review is improper.

D. Noise and Vibration

Construction would introduce prolonged high-intensity noise adjacent to sensitive receptors (residences, park users, schools). The DEIR should model worst-case L_{max}/Leq at property lines and require engineered barriers, limited hours, equipment retrofits, and vibration setbacks for structures.

E. Biological Resources (Beyond Trees)

The record lacks nesting bird surveys, raptor avoidance buffers, and protocols for special-status species potentially using riparian-adjacent trees. CEQA requires seasonal constraints and qualified biologist monitoring.

F. Hydrology/Water Quality and Stormwater

Grading and increased impervious area can alter root-zone hydrology of adjacent trees, increase runoff to the park, and degrade water quality without LID infiltration/bioretenion. The DEIR must provide a project-specific WQMP with sizing, pretreatment, O&M, and demonstration of no net harm to park soils.

G. Cumulative and Growth-Inducing Effects

The DEIR does not evaluate cumulative loss of recreation acreage within the SGV nor growth-inducing effects of converting a public school site to high-amenity market-rate housing (e.g., ancillary commercial demand, service expansions). Guidelines § 15130 requires a reasoned analysis; conclusory statements are inadequate.

V. Protected Native Trees — Detailed Impact Analysis and Required Mitigation

A. Resource Description and Legal Protections

The site supports mature California sycamores (*Platanus racemosa*) and coast live oaks (*Quercus agrifolia*), keystone species for habitat, shade, heat-island reduction, stormwater attenuation, and particulate capture. These resources are protected under CEQA Appendix G (adverse effects on native heritage trees are a significant impact) and under Los Angeles County's Oak Tree Ordinance and City of Duarte requirements, as applicable.

B. Deficiencies in the Record

Appendix C acknowledges ground disturbance in native alluvium and prescribes archaeological monitoring [10], yet the EIR contains no stand-alone arborist report.

Absent are:

- Tree Inventory: Species, DBH, height, condition rating, defects, canopy spread, and GPS mapping;
- Tree Protection Zones (TPZs): Calculated by diameter/dripline per ANSI A300 and ISA BMPs;
- Construction Protections: Root-pruning by a certified arborist before excavation; trenchless utilities beneath TPZs; no-cut fencing to the limits of TPZs; soil decompaction; mulch and irrigation plans;
- Indirect Effects Analysis: Changes to hydrology(drawdown, compaction, grade changes), heat stress, dust deposition, and reflected heat from paving;
- Mitigation Ratios: Native replacement at 3:1–5:1 using 36-inch box stock of local genotype; minimum 5-year establishment with survival standards;
- MMRP: Funding, performance criteria, annual monitoring, triggers, and adaptive management.

C. Required Measures and Enforceable Conditions

1. Prepare and adopt a Qualified Arborist Report before final design, informing layout to avoid removals where feasible (avoid >50% encroachment into TPZs).
2. Implement ANSI A300 and ISA BMPs as binding conditions.
3. Require biologist monitoring for nesting birds; establish seasonal buffers (e.g., 300–500 ft for raptors) and pre-construction surveys.
4. If removals are unavoidable, adopt 3:1–5:1 replacement on-site with comparable canopy targets (e.g., achieve $\geq 75\%$ pre-project canopy within 10 years), coupled with irrigation and soil restoration.
5. Establish long-term conservation easements or deed restrictions over retained tree groves to prevent incremental loss from HOA operations.
6. Include a fully funded MMRP identifying responsible parties, schedules, and reporting to the City.

Significance Conclusion: Without the foregoing, tree impacts remain significant and unmitigated under CEQA.

VI. Environmental Justice (EJ) and Public Health

CalEnviroScreen/HPI indicators in and around the project area reflect cumulative burdens from freeway adjacency and industrial sources [4]. The park functions as a green health intervention—cooling, filtration, and safe active space—especially for children and seniors. Removing one-third of that space in a burdened corridor is an EJ

harm. CEQA requires analysis of disproportionate effects and feasible measures to avoid, minimize, and mitigate (e.g., preserve both fields; add shade trees; install high-MERV filtration in new units; fund programming for underserved youth leagues). SB 1000 underscores local government obligations to reduce health risks in disadvantaged communities.

VII. Displacement Pressures and Housing Vulnerability

A. Baseline Conditions and Regional Context

ACS 2019–2023 indicates Duarte’s owner-occupied share $\approx$ 62.8% and median household income $\approx$ \$97,952; poverty is materially lower than the County [12][13]. Within the Baldwin Park–Azusa–Duarte–Irwindale PUMA, tenure is $\sim$ 61% ownership with substantial renter households in adjacent cities [14]. Regional rent shocks often spill over municipal borders in the SGV corridor.

B. Mechanisms of Impact from the Proposed Program

The program targets higher-income households with 3–4 bedroom, high-amenity units, HOA facilities, and no deed-restricted affordability [1][2]. Even if tenure were later characterized as rental-only or a ground-lease structure, the effect is similar: the price point is above neighborhood medians, signaling investor attention and catalyzing upgrades and rent hikes in nearby NOAH properties along Central Ave./Huntington Dr.

C. CEQA Relevance and Required Analysis

Economic displacement is a CEQA impact when it foreseeably alters the physical environment (e.g., increased VMT from longer commutes after displacement, school enrollment shifts, overuse of remaining parks, or higher exposure to pollution due to relocation). The EIR must:

1. Quantify baseline renter burden (ACS table B25070), overcrowding, and income quartiles in the project tract and ½-mile buffer;
2. Compare expected unit rents/prices to area incomes;
3. Analyze spillover effects on NOAH stock and at-risk tracts;
4. Model near-term (5-year) households at risk using transparent DPI/UDP indicator thresholds;
5. Commit to mitigation: in-lieu fees for local acquisition/preservation, anti-harassment ordinances, right-to-return programs for displaced residents/users, and on-site inclusionary set-asides.

Tables to include in Recirculated EIR:

- Table A: Baseline Housing & Income — Project Tract vs. Duarte vs. Duarte USD vs. LA County (ACS 2019–2023) [12][13][14].
- Table B: Displacement Risk Category using UCLA UDP and City of LA DPI analogues (qualitative).
- Table C: Households Potentially at Risk of Indirect Displacement (5-Year Horizon) — Low/Med/High scenarios with assumptions disclosed.

VIII. CEQA Procedural Deficiencies

A. Segmentation/Piecemealing

- The park “reconfiguration” is functionally inseparable from the residential subdivision; both are the project (Guidelines § 15378). Treating ballfield removal as incidental masks central impacts and violates Laurel Heights.

B. Alternatives — Omission of a Park-Preservation Alternative

- Guidelines § 15126.6 requires a reasonable range of feasible alternatives that would avoid or substantially lessen significant impacts. The record shows elastic site capacity (AB 2295 “buildout” of 353–638 units over the same acreage) [8]; yet a lower-footprint layout retaining both diamonds is missing. This is a reversible error.

C. Responses to Comments and Recirculation

- Caltrans requested robust multi-modal safety analysis and queuing assessment [7]. Any conclusory response is inadequate under § 15088. If new significant information is added (e.g., corrected park acreage; new risk results), recirculation is required (§ 15088.5).

D. Deferral and Enforceability

- Mitigation may not be deferred without performance standards. Tree, EJ, displacement, and construction risk measures must be specific, enforceable, and incorporated into a binding MMRP.

IX. Public Claims vs. Record Evidence (Transparency and CEQA's Informational Mandate)

Public-facing materials tout “improving and expanding” the park and other benefits; however, the administrative record contains no evidence of a net increase in public park acreage or diamond capacity. Some transportation materials even refer to a 6.329-acre park with two fields, while site plans shown publicly indicate one post-project field [3][5][6][8]. The EIR must reconcile these contradictions and correct the record. Use Exhibit D to memorialize and rebut the claims, and incorporate corrected statements into the Recirculated EIR.

X. Demands and Notice of Intent to Litigate

Withdraw the DEIR as legally inadequate.

Prepare and recirculate a Revised EIR that:

1. Analyzes a Park-Preservation Alternative retaining both diamonds and maintaining or increasing public park acreage;
2. Provides a qualified arborist report and binding tree protection/replacement consistent with ANSI A300 (3:1–5:1 native replacements, 36-inch box) and nesting bird protections;
3. Includes a tract-level EJ/displacement analysis using ACS 2019–2023 and UDP/DPI indicators, with enforceable anti-displacement mitigation;
4. Commits to construction health-risk controls (Tier 4 equipment, idling limits, DPM filtration, monitoring/stop-work triggers);

5. Implements multi-modal safety mitigations and TDM measures responsive to Caltrans;
6. Corrects public claims and reconciles park acreage/field capacity inconsistencies;
7. Demonstrates Naylor Act compliance (mapping, 30% calculation, formal offer to City at $\leq$ 25% FMV, and completion of the statutory process) before any approvals or land encumbrances.

If the City or DUSD proceed without curing these defects, the Coalition will file a petition for writ of mandate and seek preliminary and permanent injunctive relief under Pub. Res. Code §§ 21168 and 21168.5, and recover fees under CCP § 1021.5. The Coalition reserves all rights and remedies.

Sincerely,
Samuel Brown
SGV Anti-displacement Coalition

Footnotes (Record Citations)

- [1] Initial Study–NOP: project description; $\pm$ 14.159-acre site; schedule Apr 2026–Sep 2028; 169 townhomes; park “redevelopment”; required GPA/rezoning.
- [2] Draft EIR, Project Description (Ch. 2): 169 units; 25 buildings; 3 stories; leasing/amenity building; 377 parking; park plan/driveways.
- [3] Notice of Availability summary repeats site program and access.
- [4] CalEEMod Appendix E: Land use table includes “Condo/Townhouse High Rise: 169 DU” and “City Park: 6.32 acres,” location and utility context.
- [5] DEIR/Initial Study Recreation text acknowledging one ballfield removal and one-third park reduction consistent with site plans.
- [6] Acreage reduction derived from DEIR figures and site plans (residential $\pm$ 7.83 acres; park $\pm$ 6.32 acres modeled).
- [7] Caltrans NOP Comment Letter (Dec. 20, 2024): requests TIS; ramp queuing; multi-modal/Complete Streets; traffic calming; TDM; reduced parking.
- [8] Transportation Impact Study (Jan. 31, 2025): pre-existing LOS E/F; signal warrant at Elmhurst; 2027 with/without project scenarios; cumulative.
- [9] Health Risk Assessment calculations (Appendix F): maximum uncontrolled construction cancer risk $\sim$ 160.84 per million; OFFROAD/AERMOD inputs and receptor table.
- [10] Cultural Resources Appendix C: built-environment resources not historic; low-to-moderate archaeological potential; monitoring/WEAP recommended.

[11] Water Supply Assessment Appendix J: supply adequacy findings and phased demand; “Additional Analysis — Andres Duarte School Redevelopment.”

[12] U.S. Census Bureau, QuickFacts, Duarte city, California (ACS 2019–2023 5-year): owner-occupied housing unit rate $\approx 62.8\%$; median household income $\approx \$97,952$; poverty context.

[13] Census Reporter, Duarte, CA Profile (ACS 2023 5-year): demographic summary and poverty context.

[14] DataUSA, Baldwin Park–Azusa–Duarte–Irwindale Cities PUMA: tenure and inequality indicators for regional comparison.

Samuel Brown
Email: samwesbrown@gmail.com
August 18, 2025
Via Email and Hand Delivery

To:
City of Duarte – City Clerk, Planning Commission, and City Council
1620 Huntington Drive
Duarte, CA 91010

Re: Brown Act Violation – Failure to Provide Functional Public Comment Submission and
Language Access
Project: Proposed Crestfield Townhomes LLC Development – Andres Duarte School / Crestfield
Townhomes LLC Project

Dear City Clerk and Members of the Duarte Planning Commission and City
Council:

I, Samuel Brown (samwesbrown@gmail.com), am submitting this letter to formally object and
place on record potential violations of the Ralph M. Brown Act (Gov. Code § 54950 et seq.) in
connection with the scheduled Planning Commission public hearing regarding the proposed
Crestfield Townhomes LLC Project.

1. Failure to Provide Functional Written Comment Submission

On August 18, 2025, at 2:19 PM, I attempted to submit a written public comment in advance of
the hearing. Despite multiple attempts, all emails were rejected as undeliverable. Specifically, I
attempted to email the following addresses:

- City's new domain: @accessduarte.com
- City's prior domain: @cityofduarte.ca.gov
- Format: last name + first initial (e.g., kangs@cityofduarte.ca.gov)
- Format: first initial + last name (e.g., skang@cityofduarte.ca.gov)

Attempts included the City Manager and each Councilmember under both formats.

Each of these emails failed, and I have retained records of the rejected transmissions.
This demonstrates there is no functional or accessible method for the public to submit written
comment by email, despite the Brown Act's requirement that public bodies must allow public
participation and cannot unreasonably restrict or preclude it (Gov. Code §§ 54953, 54954.3).

2. Failure to Provide Language Access

Additionally, the City's Notice of Public Hearing regarding the Crestfield Townhomes project was issued only in English. Duarte is home to significant Spanish-speaking, Chinese-speaking, and other immigrant communities.

By not providing the hearing notice in languages commonly spoken in the City, Duarte has effectively excluded large portions of the public from meaningful participation.

This practice further prohibits the opportunity of the public to speak, in violation of the Brown Act's requirement that meetings of legislative bodies be open and accessible to all members of the public. Courts have consistently recognized that "open and public" must be interpreted in a manner that ensures genuine access.

3. Requested Remedy

I respectfully request that this issue be corrected immediately. Specifically:

1. Confirm receipt of this letter.
2. Forward this letter to all Planning Commissioners, Planning Department staff, and all members of the Duarte City Council.
3. Provide the public with a functional email address or submission method for written comment that complies with the Brown Act.
4. Provide translated notices of public hearings in Spanish and other threshold languages consistent with local demographics, to ensure non-English-speaking residents can participate.
5. Preserve all records related to this email transition and public notice process, as they may be subject to Public Records Act requests and future legal proceedings.

Failure to address this matter may constitute a material violation of the Brown Act and subject the City to cure-and-correct demands and potential legal action under Gov. Code §§ 54960 and 54960.1.

Sincerely,

Samuel Brown

Email: samwesbrown@gmail.com

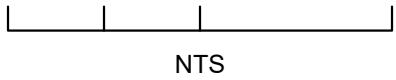


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949.851.2133
ktgy.com

1433 CRESTFIELD

DUARTE, CA # 2022-0555

Pre-App Submittal: 2024.04.12
1st Planning Submittal Set: 2024.06.13
2nd Planning Submittal Set: 2024.09.09
3rd Planning ReSubmittal Set: 2024.10.10
4th Planning ReSubmittal Set: 2025.06.30



RENDERING VIEW 1
CORNER OF CENTRAL AVE

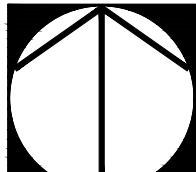
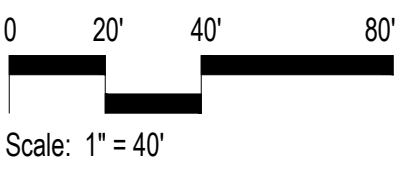
A1.3



PUBLIC PARK RENOVATION (SEE LP-SHEETS)

RESIDENTIAL TOWNHOMES (SEE LR-SHEETS)

Schematic Overall Plan - Park & Residential



Crestfield Townhomes, LLC

Schematic - 4th City Submittal

Project No.: MJW07-D
Date: June 30, 2025

LR-1

TOWNHOMES AT CRESTFIELD, DUARTE, CA



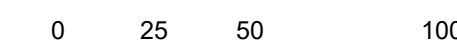
EXISTING R-1 ZONE

1

Proposed
Building Heights: 38' Max.

* AU - Accessible Units (Plan 5 - 17 Units)

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A1.0

1433 CRESTFIELD
DUARTE, CA # 2022-0555

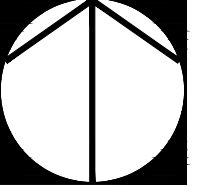
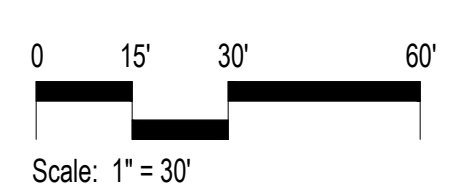


*Conceptual images (provided herein are conceptual, in nature, and subject to change)



Enhanced corner treatment with pedestrian connectivity, central art installation, seating, and project monument signage (materials and finishes to compliment new residential development). See Enlargement Plan.

Schematic Landscape Plan - Residential Area



Crestfield Townhomes, LLC

Schematic - 4th City Submittal

Project No.: MJW07-D
Date: June 30, 2025

LR-2

TOWNHOMES AT CRESTFIELD, DUARTE, CA





VIEW 2 - MAIN ENTRANCE



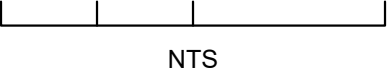
VIEW 3 - LEASING OFFICE / RECREATION CENTER



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RENDERINGS

A1.4



1. DECORATIVE SHUTTERS



2. METAL WINDOW PLANTER BOX



3. STUCCO DECORATIVE FOAM CORBELS



4. ACCENT CERAMIC TILE SURROUND



5. STUCCO DECORATIVE FOAM EAVE



6. DECORATIVE STUCCO SCALLOPED SILL TRIM & SHELF



7. BAY WINDOW



8. STUCCO ARCH AT ENTRY



9. STUCCO FINIAL & GABLE END FAUX VENT RECESS



10. METAL JULIET RAILING



11. CANVAS AWNING W/ METAL BRACKETS



12. SCALLOPED HOOD



13. STUCCO DECORATIVE FOAM CORBEL AT RECESSED

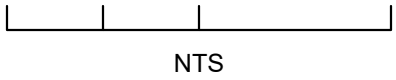


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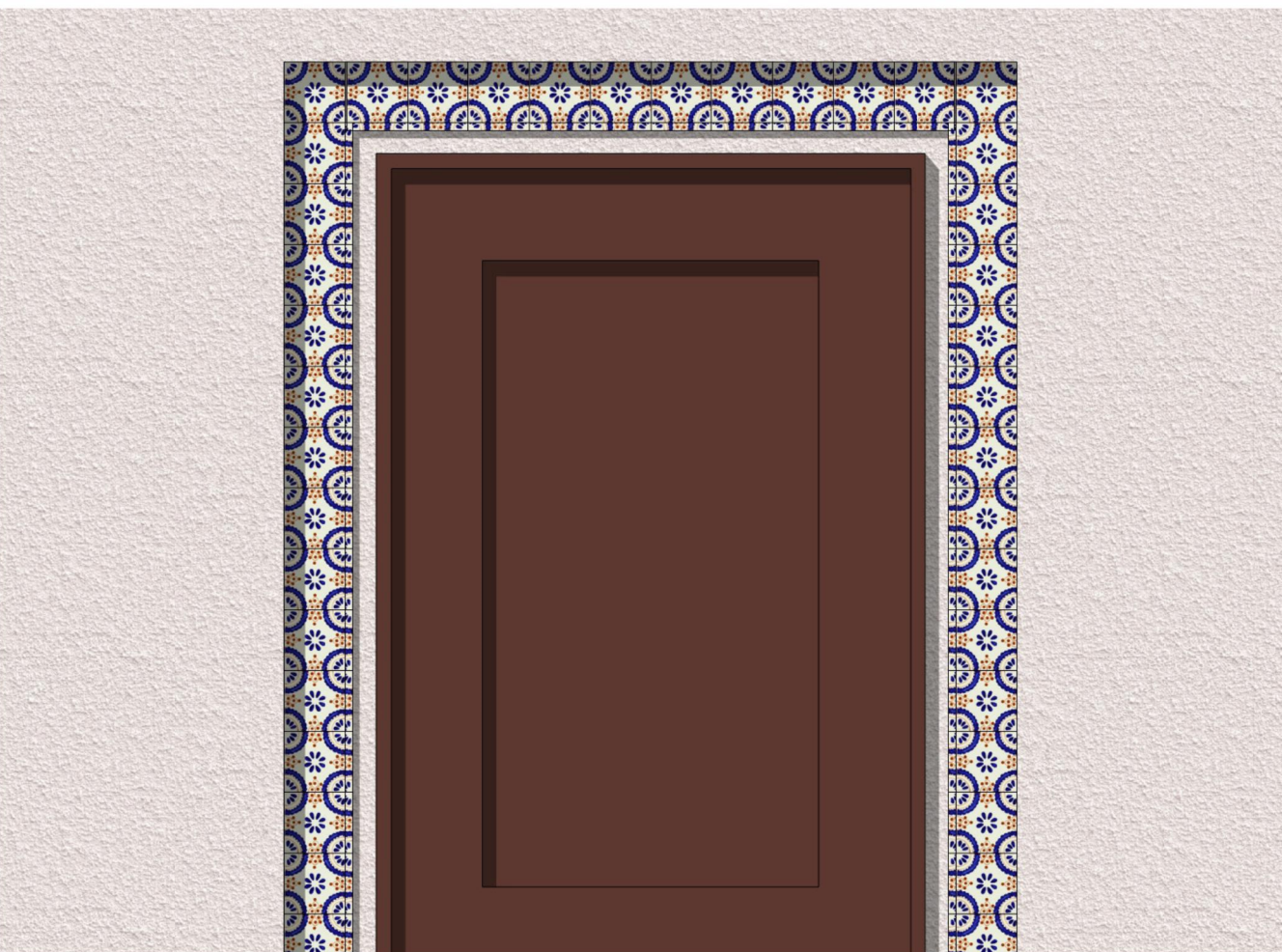
NTS

INSPIRATION BOARD
STYLE A - SPANISH SANTA BARBARA

A1.5



1. WOOD POT SHELF W/ METAL SCROLL BRACKETS



2. CERAMIC SURROUND TILE



3. DECORATIVE EXTERIOR LIGHT



4. DECORATIVE SHUTTERS



5. STUCCO FINIAL /FAUX CHIMNEY



6. GABLE END HALF PIPE FAUX VENT & DECORATIVE SILL TRIM



9. METAL JULIET RAILING



10. DECORATIVE STUCCO SILL TRIM & RECESS REVEAL



7. BAY WINDOWS



8. STUCCO DECORATIVE FOAM EAVE



11. STUCCO DECORATIVE FOAM CORBEL



12. STUCCO SURROUND



13. EXPOSED DECORATIVE TRUSS TAILS W/ EAVE BOARD & GUTTER



1. AWNING WITH WOOD BEAM



2. CORBEL OUTLOOK AT AWNING



3. BAY WINDOW



4. FAUX WOOD DECORATIVE CORBELS & TRIM



5. DECORATIVE GABLE END OUTLOOKER CORBEL



6. GABLE END FAUX VENT



7. METAL JULIET RAILING & RECESSED BEAM/TRIM WITH FAUX WOOD CORBELS



8. HIP ROOF & DECORATIVE STUCCO SILL TRIMS



9. BRICK VENEER HEADER & SILL TRIM



10. DECORATIVE SLAT SHUTTERS



11. BRICK & STONE VENEER



12. BRICK COLUMN & WOOD BEAM



13. DECORATIVE SLAT ENTRY DOOR

- 1 Stucco
- 2 Spanish 'S' Roof Tile
- 3 Stucco Recess /Reveal at Windows/Doors
- 4 Gable End Diamond Shape Faux Vent Recess
- 5 Stucco Finial /Faux Chimney
- 6 Decorative Fiberglass Entry Door
- 7 Vinyl Windows
- 8 Stucco Scalloped Hood (W.O.)
- 9 Stucco Arch

- 10 Sloped Stucco Sill
- 11 Decorative Stucco Scalloped Sill Trim
- 12 Fiber Cement Board Trim at Bay Window (W.O.)
- 13 Simulated Wood Corbel (W.O.)
- 14 Stucco Decorative Foam Corbel
- 15 Decorative Stucco Scalloped Shelf (W.O.)
- 16 Stucco Decorative Foam Eave
- 17 Concrete Paver Caps At Shelf To Slope (W.O.)
- 18 Accent Ceramic Tile Surround

- NOTE: All Windows and doors (not covered by a porch or covered patio) to be 2" Minimum recess Unless Otherwise Noted.



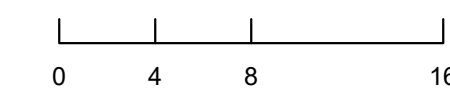
Architectural rendering of the front elevation of a two-story house. The house features a light beige exterior, a brown tiled roof, and a central entrance with a small porch. The windows are dark-framed, and there are green shrubs and trees in the foreground.

Architectural elevation drawing of a three-story townhome complex. The drawing shows a row of townhomes with various window styles, balconies, and doors. Callouts 1 through 24 point to specific architectural features. Dimensions are provided for window heights and overall building heights. The drawing is labeled with plan numbers (PLAN 3, PLAN 4, PLAN 5R (AU), PLAN 1R, PLAN 3, PLAN 4, PLAN 1, PLAN 5) and callout numbers (11, 18, 17, 10, 14, 15, 8, 24, 20, 6, 9, 12, 13) at the bottom.



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A7.0

MATERIALS LEGEND - A

- 1

Stucco
- 2

Spanish 'S' Roof Tile
- 3

Stucco Recess /Reveal at Windows/Doors
- 4

Gable End Diamond Shape Faux Vent Recess
- 5

Stucco Finial /Faux Chimney
- 6

Decorative Fiberglass Entry Door
- 7

Vinyl Windows
- 8

Stucco Scalloped Hood (W.O.)
- 9

Stucco Arch

10

Sloped Stucco Sill

11

Decorative Stucco Scalloped Sill Trim

12

Fiber Cement Board Trim at Bay Window (W.O.)

13

Simulated Wood Corbel (W.O.)

14

Stucco Decorative Foam Corbel

15

Decorative Stucco Scalloped Shelf (W.O.)

16

Stucco Decorative Foam Eave

17

Concrete Paver Caps At Shelf To Slope (W.O.)

18

Accent Ceramic Tile Surround

19

Exposed Decorative Truss Tails

20

Metal Juliet Railing (W.O.)

21

Metal Window Planter Box

22

Decorative Shutters

23

Canvas or Metal Awning w/ Metal Brackets

24

Decorative Exterior Lights & Raised Number Address

25

Sectional Metal Garage Door

26

Metal Utility Door w/ Panels

NOTE: All Windows and doors (not covered by a porch or covered patio) to be 2" Minimum recess Unless Otherwise Noted.



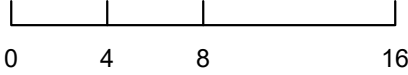
Front Elevation (Street)



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C-600 ELEVATIONS 8-PLEX
STYLE A - SPANISH SANTA BARBARA

A7.0.1

MATERIALS LEGEND - B

- 1 Stucco

2 Spanish 'S' Roof Tile

3 Stucco Finial /Faux Chimney

4 Stucco Recess /Reveal at Windows/Doors

5 Gable End Half Pipe Faux Vent

6 Stucco Surround at Entry Door (To Match Stucco Color)

7 Vinyl Windows

8 Stucco Trim (To Match Stucco Color)

9 Decorative Stucco Sill Trim (To Match Stucco Color)

10 Fiber Cement Board Trim at Bay Window (W.O.)

11 Simulated Wood Header Trim

12 Simulated Wood Corbel

13 Stucco Decorative Foam Eave

14 Concrete Paver Caps At Shelf To Slope (W.O.)

15 2" Recessed Ceramic Tile Surround

16 Exposed Decorative Truss Tails w/ 2x3 Eave Board

17 Metal Juliet Railing

18 Wood Pot Shelf with Metal Scroll Brackets

19 Stucco Decorative Foam Corbel

20 Decorative Shutters

21 Decorative Fiber Cement Entry Door

22 Decorative Exterior Lights & Raised Number Address

23 Sectional Metal Garage Door

24 Metal Utility Door w/ Panels

NOTE: All Windows and doors (not covered by a porch or covered patio) to be 2" Minimum recess Unless Otherwise Noted.



24
Right Elevation



23
18
Rear Elevation



Left Elevation



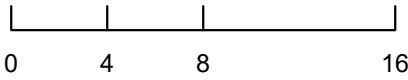
Front Elevation (Interior)



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C-600 ELEVATIONS 8-PLEX
STYLE B - SPANISH COLONIAL

A7.0.2

MATERIALS LEGEND - B

- 1

Stucco
- 2

Spanish 'S' Roof Tile
- 3

Stucco Finial /Faux Chimney
- 4

Stucco Recess /Reveal at Windows/Doors
- 5

Gable End Half Pipe Faux Vent
- 6

Stucco Surround at Entry Door (To Match Stucco Color)
- 7

Vinyl Windows
- 8

Stucco Trim (To Match Stucco Color)
- 9

Decorative Stucco Sill Trim (To Match Stucco Color)
- 10

Fiber Cement Board Trim at Bay Window (W.O.)
- 11

Simulated Wood Header Trim
- 12

Simulated Wood Corbel
- 13

Stucco Decorative Foam Eave
- 14

Concrete Paver Caps At Shelf To Slope (W.O.)
- 15

2" Recessed Ceramic Tile Surround
- 16

Exposed Decorative Truss Tails w/ 2x3 Eave Board
- 17

Metal Juliet Railing
- 18

Wood Pot Shelf with Metal Scroll Brackets
- 19

Stucco Decorative Foam Corbel
- 20

Decorative Shutters
- 21

Decorative Fiber Cement Entry Door
- 22

Decorative Exterior Lights & Raised Number Address
- 23

Sectional Metal Garage Door
- 24

Metal Utility Door w/ Panels

NOTE: All Windows and doors (not covered by a porch or covered patio) to be 2" Minimum recess Unless Otherwise Noted.



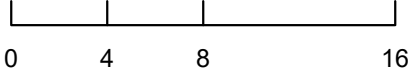
Front Elevation (Street)



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C-600 ELEVATIONS 8-PLEX
STYLE B - SPANISH COLONIAL

A7.0.3

1	Stucco	11	Simulated Wood Trim	21	Decorative Slat Shutters
2	Spanish 'S' Roof Tile	12	Faux Wood Decorative Corbel	22	Stone Veneer
3	Simulated Wood Header	13	2x4 Wood Barge Board	23	Brick Veneer
4	Stucco Recess /Reveal at Windows/Doors	14	Decorative Gable End Corbel (Outlooker)	24	Brick Veneer Header & Sill Trim (Soldier Course)
5	Gable End Faux Brick Vent	15	Brick Veneer Caps At Shelf To Slope (W.O.)	25	Decorative Exterior Lights & Raised Number Address
6	Decorative Slat Entry Door	16	Exposed Decorative Truss Tails w/ 2x3 Eave Board	26	Sectional Metal Garage Door
7	Vinyl Windows	17	Metal Juliet Railing	27	Stucco Sill Trim
8	Brick Veneer Surround	18	Wood Pot Shelf with Faux Wood Decorative Corbels	28	Metal Utility Door w/ Panels
9	Brick Veneer Sill Trim (Soldier Course)	19	Wood Corbels at Awning		
10	Fiber Cement Board Trim at Bay Window (W.O.)	20	Awning with Wood Beam		

NOTE: All Windows and doors (not covered by a porch or covered patio) to be 2" Minimum recess Unless Otherwise Noted.



MATERIALS LEGEND - C

- 1

Stucco
- 2

Spanish 'S' Roof Tile
- 3

Simulated Wood Header
- 4

Stucco Recess /Reveal at Windows/Doors
- 5

Gable End Faux Brick Vent
- 6

Decorative Slat Entry Door
- 7

Vinyl Windows
- 8

Brick Veneer Surround
- 9

Brick Veneer Sill Trim (Soldier Course)
- 10

Fiber Cement Board Trim at Bay Window (W.O.)

11

Simulated Wood Trim

12

Faux Wood Decorative Corbel

13

2x4 Wood Barge Board

14

Decorative Gable End Corbel (Outlooker)

15

Brick Veneer Caps At Shelf To Slope (W.O.)

16

Exposed Decorative Truss Tails w/ 2x3 Eave Board

17

Metal Juliet Railing

18

Wood Pot Shelf with Faux Wood Decorative Corbels

19

Wood Corbels at Awning

20

Awning with Wood Beam

21

Decorative Slat Shutters

22

Stone Veneer

23

Brick Veneer

24

Brick Veneer Header & Sill Trim (Soldier Course)

25

Decorative Exterior Lights & Raised Number Address

26

Sectional Metal Garage Door

27

Stucco Sill Trim

28

Metal Utility Door w/ Panels

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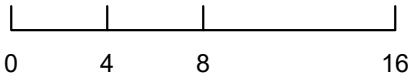
Front Elevation (Street)



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C-600 ELEVATIONS (8-PLEX)
STYLE C - SPANISH ANDALUSIAN

A7.0.5

MATERIALS LEGEND - LEASING OFFICE/REC CENTER

- 1

Stucco
- 2

Spanish 'S' Roof Tile
- 3

Stucco Recess /Reveal at Windows/Doors (Transom/Tile W.O.)
- 4

Stucco Finial /Faux Chimney
- 5

Decorative Fiberglass Entry Door (Transom W.O.)
- 6

Vinyl Windows
- 7

Stucco Shelf w/ Decorative Stucco Scalloped Sill Trim
- 8

Stucco Decorative Foam Eave
- 9

Accent Ceramic Tile Surround

10

Exposed Decorative Truss Tails

11

Wood Post & Wood Beam at Porch

12

Recessed Faux Wood Beam w/ Simulated Wood Corbels

13

Stucco Battered/ Sloped Wing Wall

14

Low Stucco/ Tile "Barranca" w/ Saltillo Tile Cap

15

Profiled Stucco Wall w/ Saltillo Tile Cap

16

Accent Ceramic Tile at Shower

17

Stucco B-vent Fireplace

18

Mantel w/ Accent Ceramic Tile & Saltillo Tile Cap

19

Metal Awning

20

Decorative Exterior Lights

21

Sectional Metal Garage Door

22

Metal Utility Door w/ Panels

NOTE: All Windows and doors (not covered by a porch or covered patio) to be 2" Minimum recess Unless Otherwise Noted.



9

Right Elevation



3

4

12

16

17

18

Rear Elevation



22

21

Left Elevation

Location of Pool



2

19

7

15

13

10

8

20

14

11

3

1

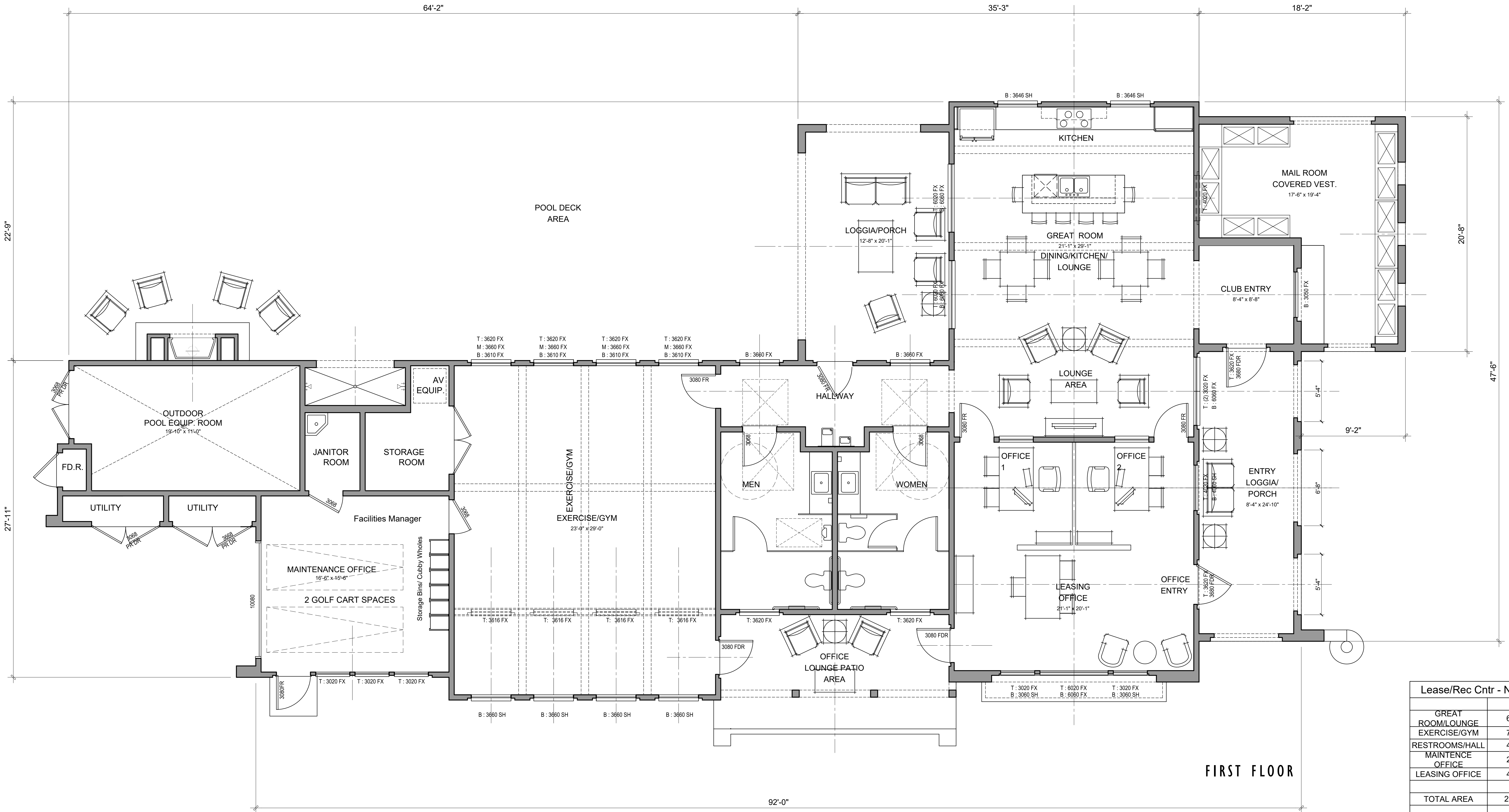
6

Front Elevation

20'-0" MAX TO EAVE

13'-6"

9'-1"



FIRST FLOOR

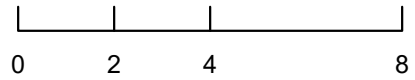
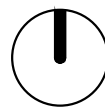
Lease/Rec Cntr - NET AREA	
GREAT ROOM/LOUNGE	688 SQ. FT.
EXERCISE/GYM	736 SQ. FT.
RESTROOMS/HALL	431 SQ. FT.
MAINTENCE OFFICE	292 SQ. FT.
LEASING OFFICE	423 SQ. FT.
TOTAL AREA	
2570 SQ. FT.	
POOL EQUIP. AREA/UTILITY/ SHOWER	
299 SQ. FT.	
LOGGIA/PORCH	254 SQ. FT.
ENTRY LOGGIA	207 SQ. FT.
MAIL ROOM	254 SQ. FT.



Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

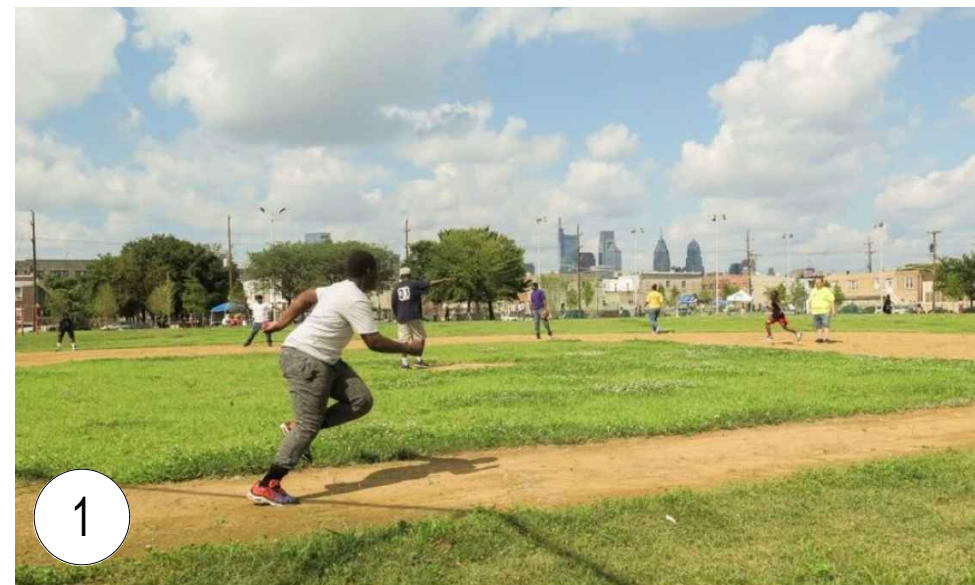
1433 CRESTFIELD
DUARTE, CA # 2022-0555

Pre-App Submittal: 2024.04.12
1st Planning Submittal Set: 2024.06.13
2nd Planning Submittal Set: 2024.09.09
3rd Planning ReSubmittal Set: 2024.10.10
4th Planning ReSubmittal Set: 2025.06.30



LEASING OFFICE
RECREATION CLUB CENTER

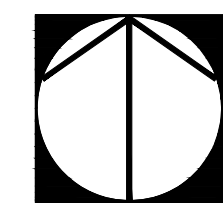
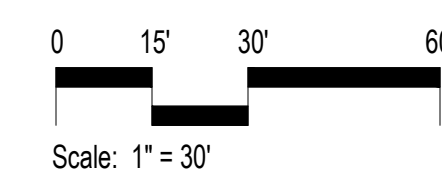
A9.1



*Conceptual images (provided herein are conceptual, in nature, and subject to change)



Schematic Landscape Plan - Sports Fields & Tot Lot Area



Crestfield Townhomes, LLC

Schematic - 4th City Submittal | Project No.: MJW07-D
Date: Jun. 30, 2025

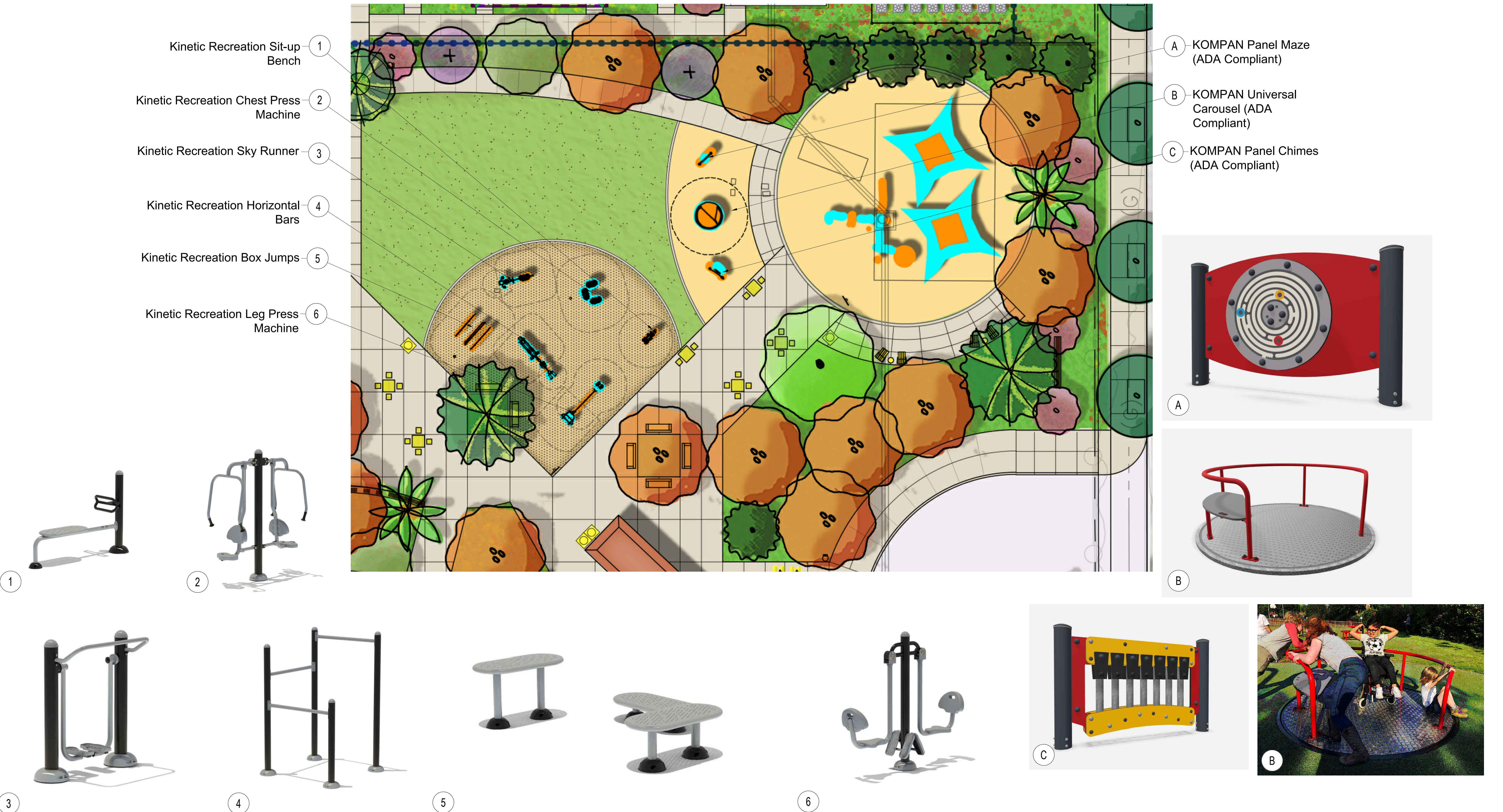
LP-1

PARK AT 1433 CRESTFIELD, DUARTE, CA



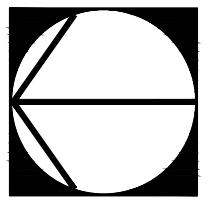
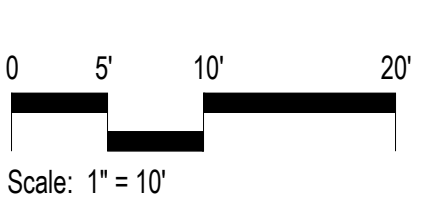
Schematic Park Plan - Tot Lot Area Enlargement

PARK AT 1433 CRESTFIELD, DUARTE, CA



*Conceptual images (provided herein are conceptual, in nature, and subject to change)

Schematic Park Plan - Outdoor Exercise & New Play Pieces (ADA) Enlargement



Crestfield Townhomes, LLC

Schematic - 4th City Submittal | Project No.: MJW07-D | Date: Jun. 30, 2025

LP-3

PARK AT 1433 CRESTFIELD, DUARTE, CA

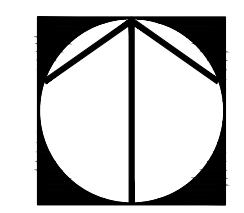
studio
PAD
Landscape Architecture
23219 N. Portland Ave. Suite 100
Laguna Hills, CA 92653 | www.studiopad.com



*Conceptual images (provided herein are conceptual, in nature, and subject to change)

Schematic Landscape Plan - Rec Area Enlargement

0 4' 8' 16'
Scale: 1/8" = 1'-0"

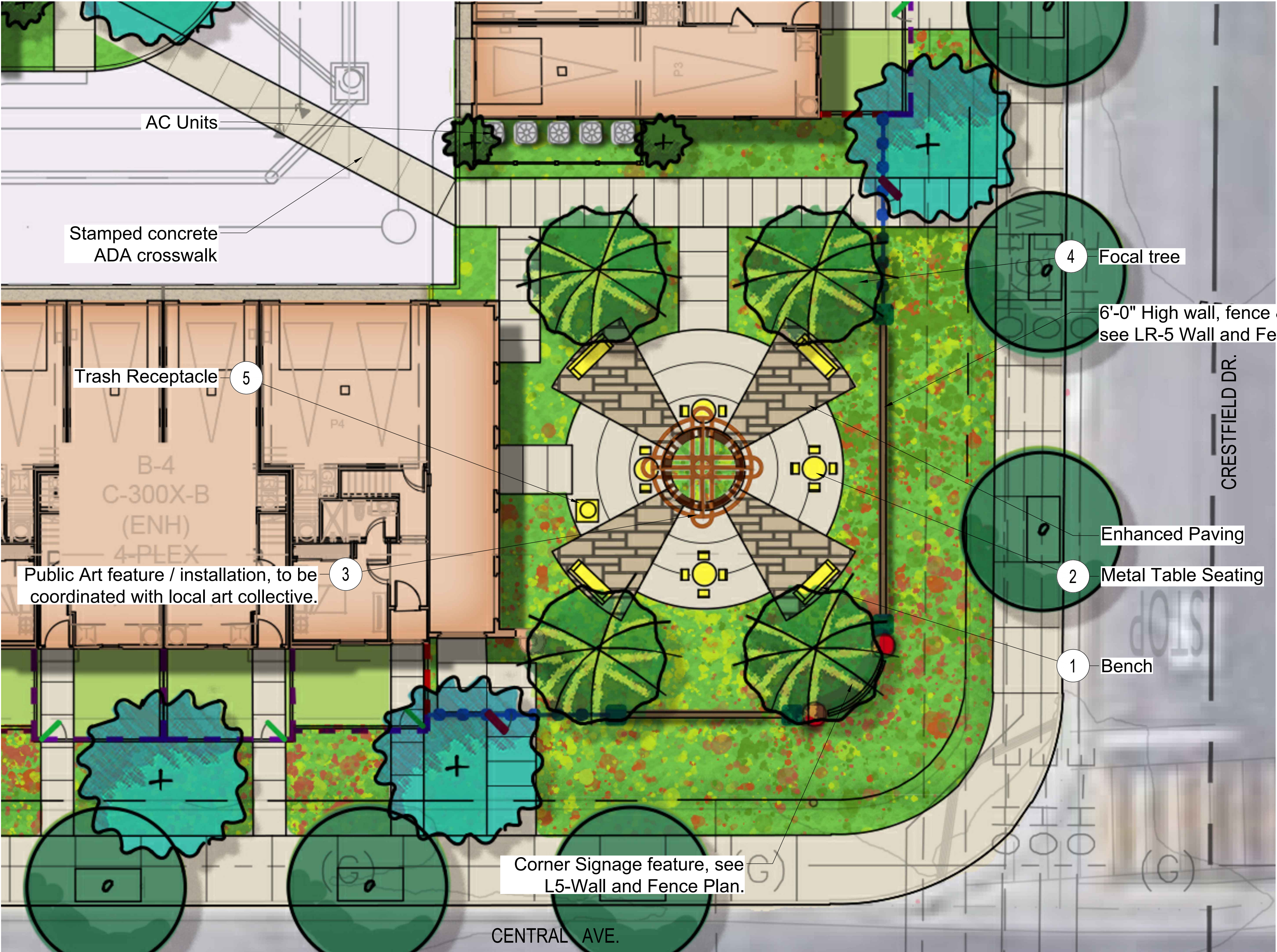


Crestfield Townhomes, LLC

Schematic - 4th City Submittal | Project No.: MJW07-D
Date: June 30, 2025

LR-3

TOWNHOMES AT CRESTFIELD, DUARTE, CA



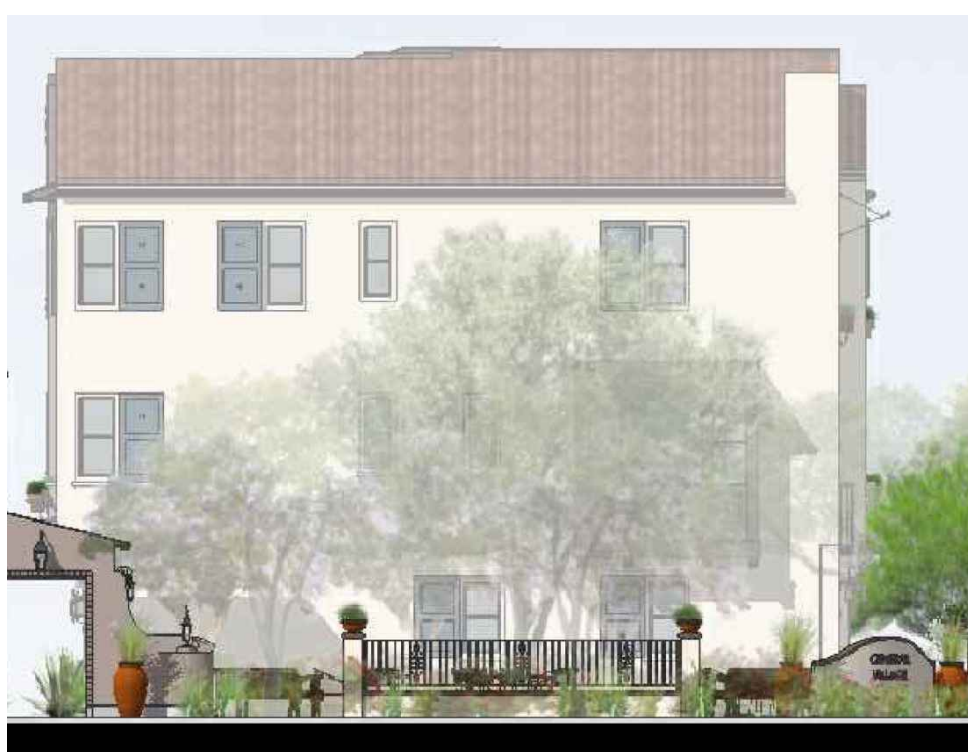
PUBLIC ART COMPONENTS / ARTISTS:

Future construction document plans to include public art designs, specifications, and details with coordination of local public artist. Below are two references to artists that have done previous art projects in the city of Duarte.

<https://www.dysonwomack.com>

<https://www.barker-publicart.com>

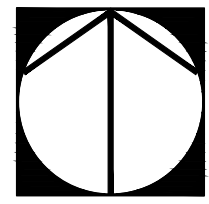
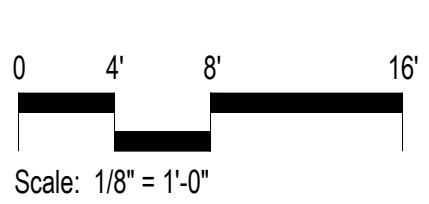
Conceptual samples of public art features, final design per future separate submittal.



*Conceptual images (provided herein are conceptual, in nature, and subject to change)

*Corner elevation prepared by KTG

Schematic Landscape Plan - Corner Enhancement Area Enlargement



Crestfield Townhomes, LLC

Schematic - 4th City Submittal | Project No.: MJW07-D
Date: June 30, 2025

LR-4

TOWNHOMES AT CRESTFIELD, DUARTE, CA

studio
PAD
Landscape Architecture
23219 S. Portland Avenue, Suite 100
Laguna Hills, CA 92653
(www.studiopad.com)



Andres Duarte School Project

Final Environmental Impact Report
State Clearinghouse No. 2024110837
City Council Amendment

prepared by

City of Duarte

1600 Huntington Drive
Duarte, California 901010

Contact: Craig Hensley, AICP, Community Development Director

prepared with the assistance of

Rincon Consultants, Inc.

250 East 1st Street, Suite 1400
Los Angeles, California 90012

September 2025

Table of Contents

1	Introduction	1-1
1.1	Final EIR Contents	1-1
1.2	Draft EIR Public Review Process.....	1-1
1.3	EIR Certification Process and Consideration of the Project.....	1-2
1.4	Draft EIR Recirculation Not Required.....	1-2
2	Amended – Responses to Comments on the Draft EIR	2-1
3	Amended – Errata to the Draft EIR	3-1
3.1	Revisions to the Draft EIR.....	3-1
4	Mitigation Monitoring and Reporting Program.....	4-1

Appendix

Appendix F1	Amended Construction Health Risk Calculations, Inputs, and Outputs
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1 Introduction

1.1 Final EIR Contents

This Final Environmental Impact Report (Final EIR) has been prepared by the City of Duarte (City) to evaluate the potential environmental impacts of the proposed Andres Duarte Project (“proposed project” or “project”).

As prescribed by the California Environmental Quality Act (CEQA) *Guidelines* Sections 15088 and 15132, the lead agency, the City, is required to evaluate comments on environmental issues received from persons who have reviewed the Draft EIR and to prepare written responses to those comments. This document, together with the Draft EIR (incorporated by reference) comprise the Final EIR for this project. This Final EIR includes individual responses to each letter received during the public review period for the Draft EIR. In accordance with CEQA *Guidelines* Section 15088(c), the written responses describe the disposition of significant environmental issues raised.

The City has provided a good faith effort to respond to all significant environmental issues raised by the comments. The Final EIR also includes amendments to the Draft EIR consisting of changes suggested by certain comments, as well as minor clarifications, corrections, or revisions to the Draft EIR. The Final EIR includes the following contents:

- Section 1: Introduction
- Section 2: Responses to Comments on the Draft EIR, which also includes a list of all commenters and public comment letters
- Section 3: Errata to the Draft EIR
- Section 4: Mitigation Monitoring and Report Program
- Appendices

1.2 Environmental Review Process

The City filed a notice of completion (NOC) with the Governor’s Office of Planning and Research to begin the 45-day public review period (Public Resources Code [PRC] Section 21161), which began on June 16, 2025 and ended on July 31, 2025. The Draft EIR was made available on the City’s website (<https://www.accessduarte.com/government/departments/community-development/development-projects-plans>). A notice of availability (NOA) of the Draft EIR was published on June 16, 2025. The NOA described where the document was available and how to submit comments on the Draft EIR. The NOA and Draft EIR were also made available for public review at the Duarte City Hall and on the City’s website. The public review period provided interested public agencies, groups, and individuals the opportunity to comment on the contents of the Draft EIR.

As a result of these notification efforts, written comments on the content of the Draft EIR were received from three agencies and organizations and four individuals. Section 2, “Responses to Comments on the Draft EIR,” identifies these commenting parties, their respective comments, and responses to these comments. None of the comments received, or the responses provided, constitute “significant new information” by CEQA standards (CEQA *Guidelines* CCR Section 15088.5).

1.3 EIR Certification Process and Project Approval

Before adopting the proposed project, the lead agency is required to certify that the EIR has been completed in compliance with CEQA, that the decision-making body reviewed and considered the information in the EIR, and that the EIR reflects the independent judgment of the lead agency.

Upon certification of an EIR, the lead agency makes a decision on the project analyzed in the EIR. A lead agency may: (a) disapprove a project because of its significant environmental effects; (b) require changes to a project to reduce or avoid significant environmental effects; or (c) approve a project despite its significant environmental effects, if the proper findings and statement of overriding considerations are adopted (CEQA *Guidelines* Sections 15042 and 15043).

In approving a project, for each significant impact of the project identified in the EIR, the lead or responsible agency must find, based on substantial evidence, that either: (a) the project has been changed to avoid or substantially reduce the magnitude of the impact; (b) changes to the project are within another agency's jurisdiction and such changes have or should be adopted; or (c) specific economic, social, or other considerations make the mitigation measures or project alternatives infeasible (CEQA *Guidelines* Section 15091). Per PRC Section 21061.1, feasible means capable of being accomplished in a successful manner within a reasonable period of time, taking into account, economic, environmental, legal, social, and technological factors.

If an agency approves a project with unavoidable significant environmental effects, it must prepare a written Statement of Overriding Considerations that sets forth the specific social, economic, or other reasons supporting the agency's decision and explains why the project's benefits outweigh the significant environmental effects (CEQA *Guidelines* Section 15093).

When an agency makes findings on significant effects identified in the EIR, it must adopt a reporting or monitoring program for mitigation measures that were adopted or made conditions of project approval to mitigate significant effects (CEQA *Guidelines* Section 15091[d]).

1.4 Draft EIR Recirculation Not Required

CEQA *Guidelines* Section 15088.5 requires Draft EIR recirculation when comments on the Draft EIR or responses thereto identify "significant new information." Significant new information is defined as including:

1. A new significant environmental impact would result from the project or from a new mitigation measure proposed to be implemented.
2. A substantial increase in the severity of an environmental impact would result unless mitigation measures are adopted that reduce the impact to a level of insignificance.
3. A feasible project alternative or mitigation measure considerably different from others previously analyzed would clearly lessen the significant environmental impacts of the project, but the project's proponents decline to adopt it.
4. The draft EIR was so fundamentally and basically inadequate and conclusory in nature that meaningful public review and comment were precluded.

The comments, responses, and Draft EIR amendments presented in this document do not constitute such "significant new information;" instead, they clarify, amplify, or make insignificant modifications to the Draft EIR. For example, none of the comments, responses, and Draft EIR amendments

disclose new or substantially more severe significant environmental effects of the proposed project, or new feasible mitigation measures or alternatives considerably different than those analyzed in the Draft EIR that would clearly lessen the proposed project's significant effects.

This page intentionally left blank.

2 Amended – Responses to Comments on the Draft EIR

This section includes comments received during public circulation of the Draft EIR prepared for the proposed project.

The Draft EIR was circulated for a 45-day public review period that began June 16, 2025, and ended on July 31, 2025. The City received seven comment letters on the Draft EIR during the public review period, including three letters from agencies and organizations and four letters from individuals, and Letter 8 was received August 17, 2025. Because Letter 8 was received after the public review period had ended, this section has been amended to include responses to the comments received in Letter 8.

The commenters and the page number on which each commenter’s letter appear are listed below.

Letter No. and Commenter		Page No.
Agencies and Organizations		
1	Yuhaaviatam of San Manuel Nation	2-2
2	Duarte Unified School District	2-4
3	Caltrans	2-7
Individuals		
4	Cierra Martinez	2-12
5	Samantha Galindo	2-14
6	Alberto Robles	2-16
7	Danielle Steiner	2-20
8	Sam Brown, SGV Anti-Displacement Coalition	2-29

The comment letters and responses follow. The comment letters are numbered sequentially and each separate issue raised by the commenter, if more than one, has been assigned a number. The responses to each comment identify first the number of the comment letter, and then the number assigned to each issue (Response 1.1, for example, indicates that the response is for the first issue raised in Comment Letter 1).

Where a comment resulted in a change to the Draft EIR text, a notation is made in the response indicating that the text is revised. Changes in text are signified by ~~strikeout font~~ where text was removed and by underlined font where text was added. These changes in text are also included in Section 3, *Errata to the Draft EIR*.



Response to AB52: Andres Duarte School Project, City of Duarte, Los Angeles County; [CIT-DUAR-2025-1]

1 message

Raylene Borrego <Raylene.Borrego@sanmanuel-nsn.gov>
To: "chensley@accessduarte.com" <chensley@accessduarte.com>

Mon, Jun 30, 2025 at 1:41 PM

Dear Craig,

Thank you for contacting the Yuhaaviatam of San Manuel Nation (YSMN, also known as the San Manuel Band of Mission Indians) regarding the above-referenced project. YSMN appreciates the opportunity to review the project documentation, which was received by the Cultural Resources Management Department on June 16th, 2025. The proposed project is located outside of Serrano ancestral territory and, as such, YSMN will not be requesting to receive consulting party status with the lead agency or to participate in the scoping, development, or review of documents created pursuant to legal and regulatory mandates.

1.1

Kind Regards,

Raylene

Raylene Borrego

Cultural Resources Technician

Raylene.Borrego@sanmanuel-nsn.gov

O:(909) 864-8933 x 50-2035

M:(909) 737-3349

26569 Community Center Dr Highland, California 92346



YUHAAVIATAM
OF SAN MANUEL NATION

Letter 1

COMMENTER: Yuhaaviatam of San Manuel Nation

DATE: June 30, 2025

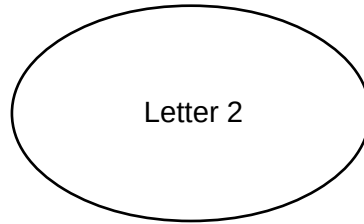
Response 1.1

The commenter states that the project site is outside of Serrano ancestral territory and the Yuhaaviatam of San Manuel Nation will not request to receive consulting party status for the proposed project.

This comment does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR.



1620 Huntington Drive
Duarte, CA 91010
Phone (626) 599-5000
Fax (626) 599-5069



BOARD OF EDUCATION

Reyna Diaz
Dr. James Finlay
Rosa Holguin
Dr. Laura Jasso
Tom Reyes

SUPERINTENDENT

Nadia Hillman, Ed.D.

July 29, 2025

VIA U.S. MAIL AND E-MAIL

City of Duarte
Community Development Department
Attn: Frances Jimenez, City Clerk and
Craig Hensley, AICP, Community Development Director
1600 Huntington Drive
Duarte, CA 91010
Em: fjimenez@accessduarte.com,
chensley@accessduarte.com

**Re: Duarte Unified School District's Letter in Support of the Andres Duarte School Project (SCH No. 2024110837)
at 1433 Crestfield Drive, Duarte, CA 91010 (APN 8604-017-903)**

Dear Ms. Jimenez, Mr. Hensley, and Planning Commission:

In light of the actions that the Board of Education took in November 2022, October 2023, and March 2024, the Duarte Unified School District ("District") submits this letter in support of the Andres Duarte School Project ("Project") during the Draft Environmental Impact Report ("DEIR") public comment period, and to provide a concise summary of why the City should approve the Project.

The Project is located at 1433 Crestfield Drive in the City of Duarte (APN 8604-017-903) ("Property"), which is currently comprised of the Otis Gordon Sports Park, Mount Olive Innovation and Technology High School, and vacant school buildings that were previously occupied by the Andres Duarte Arts Academy. The Project proposes demolition and/or relocation of existing school buildings and park structures and the construction of 169 residential units across 25 multi-family three-story buildings, along with a 3,155-square-foot leasing office and recreation facility. The Project also includes the preservation and redevelopment of the Otis Gordon Sports Park, which will include recreational fields, open turf area, overhead structures with barbecue and picnic tables, restrooms, snack shack, outdoor gym park, resurfaced tot lot, and internal meandering pedestrian walkways that connect the park with residential areas.

The Project would directly address regional housing shortages and support long-term residential stability by increasing the supply of family-sized housing in the City. By providing housing options suitable for larger households, the Project enables families, including those with children who attend District schools, to live and remain in the community. Therefore, the Project would not only revitalize the former school site, but it could also contribute to stronger community ties and increased continuity in District enrollment, which is forecasted to decline by 14% over the next five years (this point is further addressed below). The Project also promotes efficient land use through infill development—minimizing sprawl and supporting walkability—all in alignment with the City's and District's shared priorities for housing equity, community development, and long-term quality of life for current and future Duarte residents.

The District further emphasizes that the Project advances two critical goals or components identified during one of the District's recent 7-11/Asset Management Committee meetings, which resulted in recommendations to the District's Governing Board regarding use and disposition options for the Property: (1) joint use of the site, and (2) enhanced recreational amenities. The

2.1

redesigned Otis Gordon Sports Park, which will remain under District operation and maintenance, and the new recreation building with shared-use space for future residents and the public demonstrate a clear intention to maximize community benefit. These amenities are intended to serve both District students and the broader public.

Further, the Project reflects an additional mutually beneficial public-private collaboration: the District has made the Property available for development and long-term lease, thereby generating a substantial and ongoing source of revenue for educational purposes while also supporting neighborhood reinvestment as the residential units are proposed to be priced and sized to attract families whose children will attend District schools (which will in turn increase the District's financial sustainability). Specifically, the Project's residential element includes five types of townhomes comprised of three- and four-bedroom units, 338 enclosed parking spaces, 35 open-surface parking spaces, and four ADA parking spaces. Pedestrian walkways will provide connectivity throughout the Property with links between the leasing office, central recreation area, residential buildings, pedestrian corner plaza, common space areas, and the public park. Together, these features reinforce the District's ongoing commitment to collaborate with the City to maximize long-term benefits to the community.

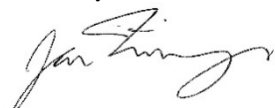
Lastly, the Project represents a critical investment in revitalizing the Property. The proposed design is intended to be compatible with the surrounding neighborhood and enhance local property values. The District remains committed to full compliance with the California Environmental Quality Act (CEQA) and to mitigate potential impacts, such as those related to traffic, aesthetics, and noise. The Project's overall design and visual appeal are intended to integrate seamlessly into the community and improve the local area.

The District supported the development and integration of high-quality housing and modernized public amenities envisioned by the Project as evidenced by the following Board actions:

- Resolution 06-22-23 (Resolution of Intention of the Board of Education of the Duarte Unified School District to Consider Proposals to Enter Into Agreements to Develop A Portion of Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010 for Joint Occupancy) on November 17, 2022;
- Resolution 04-23-24 (Resolution of the Board of Education of the Duarte Unified School District to Receive and Consider Proposals to Develop Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010, Approve Negotiating an Exclusive Negotiating Agreement and to Declare the Property as Exempt Surplus Land) on October 19, 2023; and
- Approval of Exclusive Negotiating Agreement with Crestfield Townhomes, LLC, an affiliate of Adept/MW Investment Group to Develop A Portion of Real Property Located at 1433 Crestfield Drive, in the City of Duarte, California 91010 For Joint Occupancy on March 18, 2024.

The District also recognizes the long-term benefits the Project offers the local community. The District values its relationship with the City as a sister public agency and is pleased to submit this letter of support for the Project. We hope the information contained in this letter provides additional support for the main reasons why the Project should be approved, not only for the District's gain, but equally for the benefit of the City and community. We look forward to your decision.

Sincerely,



James Finlay, DVM, PhD
School Board President

CC:
[Orbach](#) Huff & Henderson LLP

2.1
cont.

Letter 2

COMMENTER: Duarte Unified School District (DUSD)

DATE: July 29, 2025

Response 2.1

The commenter states their support for the proposed project. Specifically, the commenter states their support for the introduction of family-sized housing through infill development, addressing regional housing shortages, supporting long-term residential stability, and minimizing sprawl. The commenter emphasizes that the proposed project would advance two critical goals: (1) joint use of the site and (2) enhanced recreational amenities. The commenter also states that the proposed project would contribute to a mutually beneficial public-private collaboration which would generate a substantial, ongoing source of revenue for educational purposes through the lease of the District-owned property.

The commenter's support for the project will be shared with City decision-makers for their consideration.

DEPARTMENT OF TRANSPORTATION

DISTRICT 7

100 S. MAIN STREET, MS 16

LOS ANGELES, CA 90012

PHONE (213) 269-1124

FAX (213) 897-1337

TTY 711

www.dot.ca.gov

Letter 3

*Making Conservation
a California Way of Life*

July 31, 2025

Craig Hensley
Community Development Director
Duarte Community Development Department
City of Duarte
1600 Huntington drive
Duarte, CA 91010

RE: Andres Duarte School Project
SCH # 2024110837
Vic. LA-210/PM 36.65, LA-605/PM25.08
GTS #07-LA-2024-04838-DEIR

Dear Craig Hensley:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the above-referenced environmental document. The applicant is proposing the demolition or relocation of the existing school buildings and park structures and the construction of 169 townhome residential units within 25 multifamily residential buildings with one leasing office/recreation building, and redevelopment of the public park on the site.

The mission of Caltrans is to provide a safe and reliable transportation network that serves all people and respects the environment. Senate Bill 743 (2013) has codified into CEQA law and mandated that CEQA review of transportation impacts of proposed development be modified by using Vehicle Miles Traveled (VMT) as the primary metric in identifying transportation impacts for all future development projects. As a reminder, all future environmental document should include Vehicle Miles Traveled. You may reference the Governor's Office of Planning and Research (OPR) for more information:

<https://opr.ca.gov/ceqa/#guidelines-updates>

3.1

Based on the Transportation Impact Study, the proposed project is anticipated to generate a net reduction of 46 AM peak hour trips, a net increase of 5 PM peak hour trips, and a net increase of 646 daily trips. The Transportation Screening Assessment for Vehicle Miles Traveled (VMT) indicates that the project is located within a Transit Priority Area (TPA), defined as within one-half mile of a major transit stop or high-quality transit corridor. As such, pursuant to CEQA guidance, the project may be presumed to result in a less-than-significant VMT impact.

3.1
cont.

With respect to freeway ramp operations, the existing storage lengths at the northbound off-ramps at the I-210/I-605 and Huntington Drive intersection (Location #5) are projected to be sufficient under Opening Year (2027) With Project conditions. No storage deficiencies are anticipated, and vehicle queues are expected to be fully contained within the existing off-ramp lengths, avoiding any spillback onto the freeway mainlines.

3.2

Further, the project is expected to reduce demand at the I-210/I-605 northbound exit ramp during the AM peak hour by 20 trips and result in only one additional trip during the PM peak hour. Accordingly, the project's impact on ramp terminal queue lengths is anticipated to be negligible.

However, Appendix D (Transportation Screening Assessment) includes trip generation estimates for Project Alternative 3A (353 units) in Table 2 and Alternative 3B (638 units) in Table 3. If the project applicant elects to proceed with either of these higher-density alternatives, the associated increase in trip generation may result in different transportation impacts. Therefore, a supplemental Vehicle Miles Traveled (VMT) analysis and updated queuing analysis should be conducted to evaluate potential impacts to the state transportation network under those alternative scenarios.

3.3

As a reminder, any transportation of heavy construction equipment and/or materials that require the use of oversized transport vehicles on State highways will need a Caltrans transportation permit. Any large-size truck trips be limited to off-peak commute periods for the construction phase and operation phase. Construction truck loads should be covered with a tarpaulin cover.

3.4

Storm water run-off is a sensitive issue for Los Angeles County. Please be mindful that projects should be designed to discharge clean run-off water.

3.5

Andrew Grubb, Principal Civil Engineer
April 15, 2025
Page 3 of 3

If you have any questions, please feel free to contact Mr. Alan Lin, the project coordinator, at (213) 269-1124 and refer to GTS #07-LA-2024-04838-DEIR.

Sincerely,

A handwritten signature in black ink that reads "Miya Edmonson". The script is cursive and fluid.

MIYA EDMONSON
LDR/CEQA Branch Chief

email: State Clearinghouse

Letter 3

COMMENTER: California Department of Transportation

DATE: July 31, 2025

Response 3.1

The commenter provides a summary of the proposed project, the requirement of vehicle miles traveled (VMT) analysis, and the project's VMT assessment.

The summary does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR.

Response 3.2

The commenter provides storage and demand analysis of the nearby Interstate (I) 210 and I-605 off-ramps. The commenter concluded that no storage deficiencies are anticipated under the proposed project and the project is anticipated to reduce demand at the I-210/I-605 northbound exit ramp during the AM peak hour by 20 trips and result in one additional trip during the peak hour. The commenter concludes that the project's impacts on ramp terminal queue lengths is anticipated to be negligible.

The commenter's concurrence with the Draft EIR's ramp terminal queue conclusions will be shared with City decision-makers.

Response 3.3

The commenter encourages the project applicant to prepare a supplemental VMT analysis and updated queueing analysis if Alternative 3A or Alternative 3B are approved.

As detailed in Section 6, *Alternatives*, of the Draft EIR, Alternatives 3A and 3B would have similar or greater impacts compared to the proposed projects and are considered environmentally inferior to the proposed project. Although Alternatives 3A and 3B are feasible, these alternatives would not be realistic at this time due to the dramatic increase in development intensity. Additionally, as determined in Section 6, *Alternatives*, of the Draft EIR, Alternative 3B would demolish all structures associated with the Otis Gordon Sports Park and would redevelop the park portion of the site with residential units, which would not fulfill some of the project objectives. Thus, it is unlikely that Alternative 3A or 3B would be approved, but this request will be shared with City decision-makers, nonetheless.

Response 3.4

The commenter states the transportation of construction equipment or materials requiring the use of oversized transport vehicles would need a Caltrans transportation permit. The commenter recommends construction large-size truck trips be limited to off-peak commute periods. The commenter also recommends trucks should be covered with tarpaulin to avoid debris spillage.

As determined in Section 4.11, *Transportation*, of the Draft EIR, the proposed project would result in less than significant impacts related to transportation. The proposed project would adhere to all Caltrans transportation permit requirements for the use of oversized transport vehicles on State highways during construction. All necessary permits for oversize and overweight trucks would be

addressed as required as part of the regulatory compliance procedures during the grading/building permit plan review. However, the City does not regulate the scheduling of truck trips to and from the project site. These logistics are typically managed by the general contractor during construction. Nevertheless, as detailed in Section 4.11, *Transportation*, of the Draft EIR the project would be required to submit a construction work site traffic control plan to address traffic conditions during construction. The commenter's recommendation of the use of tarpaulin is noted and will be shared with City decision-makers. Moreover, the comment does not raise a substantive issue on the content of the Draft EIR, and no further response is warranted.

Response 3.5

The commenter urges that the project should be designed to discharge clean run-off.

As detailed in Section 2, *Project Description*, of the Draft EIR, the proposed project includes internal stormwater collection and conveyance to a private stormwater detention and infiltration system which would ensure discharge of clean run-off. A Preliminary Low Impact Development (LID) Plan was prepared for the property at 1433 Crestfield Drive by C&V Consulting, Inc. in August 2024. As detailed Section 10, *Hydrology and Water Quality*, of the Initial Study (Appendix A of the Draft EIR), the Preliminary LID plan includes best management practices (BMPs) to mitigate erosion and ensure proper management of stormwater during construction. The BMPs are designed to contain stormwater volume and flow rates within the project site, preventing adverse impacts on off-site drainage facilities and receiving waters. Furthermore, the proposed project would be required to comply with the National Pollutant Discharge Elimination System (NPDES) Multiple Separate Storm Sewer System Permit issued by the Los Angeles Regional Water Quality Control Board for consistency with the Federal Clean Water Act. Implementation of the LID Plan and compliance with the NPDES Multiple Separate Storm Sewer System Permit would reduce potential impacts to water quality and stormwater drainage systems. The construction phase BMPs would ensure effective control of not only sediment discharge, but also of pollutants associated with sediments (e.g., nutrients, heavy metals, and certain pesticides, including legacy pesticides). As concluded in detailed Section 10, *Hydrology and Water Quality*, of the Initial Study (Appendix A of the Draft EIR), implementation of the BMPs stated in the LID Plan would result in less than significant impacts to water quality and waste discharge during operation.

Crestfield Townhomes

1 message

Cierra Martinez <[REDACTED]>

Sun, Jun 29, 2025 at 6:29 PM

To: "chensley@accessduarte.com" <chensley@accessduarte.com>

Hello I am a resident of Duarte concerned about the Crestfield Townhomes development. As you may know, the space that is currently there is Andres Duarte Elementary School. The school was my former elementary school that has meant a lot to so many people in this community and to demolish it would be not only a great inconvenience to the community but a great loss. Not only did we lose our middle school which caused many crowding issues for the school but these townhomes would cause an even greater disruption. The construction would cause major traffic issues for those who live closely to the school and vandalism to the townhomes once they are built and left vacant. At many of the meetings countless people have spoken up about their concerns and overall dislike of this happening to a spot that is close to home. Every time we have been shut down and disregarded but this town needs to listen to its community members. This development would only be a service to those whom it benefits leaving the rest of us who actually live in the city with nothing. I sincerely hope that the development gets reconsidered for a better future for Duarte residents.

4.1

4.2

4.3

4.4

Letter 4

COMMENTER: Cierra Martinez

DATE: June 29, 2025

Response 4.1

The commenter expresses concerns related to the closure of the Andres Duarte Elementary School.

The Andres Duarte Arts Academy closed after the 2021-2022 school year due to low enrollment, and the closure of the school is not included as part of the proposed project. Nonetheless, the commenter's opposition of the closure of the Andres Duarte Elementary School will be shared with City decision-makers for their consideration.

Response 4.2

The commenter expresses concern related to traffic issues for the surrounding area during construction.

As detailed in Section 4.11, *Transportation*, of the Draft EIR, as part of the standard review process, the project would be required to submit a construction work site traffic control plan which would address traffic conditions during the construction phase of the project. Section 4.11, *Transportation*, of the Draft EIR concluded that impacts related to transportation would be less than significant.

Response 4.3

The commenter expresses concern related to vandalism on vacant residential units.

The comment is noted and does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR. Potential vandalism and other crime related issues at the project site would be resolved by the Los Angeles County Sheriff's Department.

Response 4.4

The commenter states their opposition to the proposed project.

The comment is noted and does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR. The commenter's opposition of the project will be shared with City decision-makers for their consideration.

Andre's duarte development

1 message

City of Duarte <duarteinfo@accessduarte.com>

Tue, Jul 15, 2025 at 8:03 PM

Reply-To: Samantha Galindo <[REDACTED]>

To: "Hensley, Craig" <chensley@accessduarte.com>

Message submitted from the <Duarte, CA> website.

Site Visitor Name: Samantha Galindo**Site Visitor Email:** [REDACTED]

We, the community, strongly oppose the development of these new townhomes. The construction of these luxury units is displacing long-time residents and pushing us out of our own neighborhood. This gentrification is pricing out the very people who call this town home, replacing us with wealthier newcomers who can afford the inflated prices. It's unacceptable that the people who grew up here can no longer afford to buy homes in their own community. To add insult to injury, the town has also taken away our rights to celebrate Fourth of July in our own homes, further erasing our sense of community and identity. This development is not progress; it's erasure. We demand that our voices be heard and our community's needs be prioritized.

5.1

Letter 5

COMMENTER: Samantha Galindo

DATE: July 15, 2025

Response 5.1

The commenter states their opposition to the project, specifically related to the cost of the residential townhomes.

The commenter's opposition of the project will be shared with City decision-makers for their consideration. As detailed in Section 2, *Project Description*, of the Draft EIR, approximately 15 percent of the total residential units proposed would be provided as affordable to moderate income levels. The comment is noted and does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR.

Andres Duarte School Project Public Comment

1 message

Alberto Robles <[REDACTED]>
To: "chensley@accessduarte.com" <chensley@accessduarte.com>

Wed, Jul 30, 2025 at 10:38 PM

Mr. Hensley,

My name is Alberto Robles Jr and I am writing this on behalf of my father, Jose A. Robles, A.K.A. Alberto Robles Sr., and our family members. We live at 2446 Bloomdale Street and our home abuts the planned, so called, "Crestfield Townhomes at Andres Duarte." **We are opposed to the proposed development.** More specifically, we are opposed to the General Plan Amendment 24-02, Zone Change 24-02; etc. in its entirety. **We support keeping the property/lots as they are and for their original, intended purposes. We support Alternative 2** as listed and defined in the Executive Summary of the Environmental Impact Report (E.I.R.).

6.1

There are several reasons we are opposed to the development. First of all, it is incomprehensible to us that several housing developments in Duarte are already constructed while other developments are currently in the works, all of which, obviously, will result in population increases of school age children. Yet, the plan is to demolish a school. I understand that the E.I.R. dismisses new residents attending Duarte schools. This also is incomprehensible. Are the 149 units to be inhabited by adults only? Will all new housing developments exclude children?

6.2

The next reasons are quality of life issues. The E.I.R. Executive Summary concludes in the "Transportation" section which I understand as simply as traffic, considers a "net increase of 646 daily trips" as not requiring mitigation with a Residual Impact that is "less than significant." Sounds tidy on paper, but the impact on existing residents would not be negligible. We already suffer overflow traffic from Huntington Drive and the 210 Freeway. They are always in a rush.

6.3

Parking is the next issue. People residing in apartments or condominiums on Huntington Drive ultimately park their extra cars either with a permit on Huntington or down past Maynard street. With little more than two parking spots for each planned Crestfield Townhomes unit, there will certainly be residents or their guests parking in already crowded streets outside of the development. And guess how it would be on street sweeping days?

6.4

Other issues are three story residences that don't comport with single story homes. No one wants neighbors peering from above into their backyards and windows. Three story residences would also block afternoon breezes that cool in the summer and warm in the winter. Would this new development raise property values? I wouldn't count on it. Using the word "Townhomes" suggests condominiums and home ownership. A misnomer at best; a lie at worst. This development would be high density apartments, not homes that can be purchased. What about crime? This would likely rise as crowding of people tends to do.

6.5

6.6

6.7

I implore you to consider our urging and plan for Alternative 2.

6.8

Thank you,

Alberto Robles Jr.

Letter 6

COMMENTER: Alberto Robles

DATE: July 30, 2025

Response 6.1

The commenter states their opposition to the proposed project and states their support for Alternative 2, as detailed in the Draft EIR.

The commenter's opposition of the project and support of Alternative 2 will be shared with City decision-makers for their consideration. The comment is noted and does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR.

Response 6.2

The commenter expresses concern related to development of the proposed project in concurrence with cumulative projects and their introduction of new school-age children to the area while the project involves closure of schools.

As detailed in Section 2, *Project Description*, at the regular meeting of the City's Board of Education (BOE) on October 19, 2023, the BOE determined that the project site was surplus land no longer needed for educational purposes by DUSD. Mount Olive Innovation and Technology High School and the Duarte Preschool would be relocated to other DUSD campuses as part of the proposed project. As concluded in Section 4.10, *Public Services*, of the Draft EIR, assuming full relocation of the Duarte Preschool and MIT school, the proposed project would not impact the current serving capacity as existing and future students would be accommodated at the relocated Duarte Preschool and MIT school, or other DUSD facilities. Additionally, the project applicant would be required to pay applicable developer fees at the time of issuance of building permits per Assembly Bill (AB) 2926 and Senate Bill (SB) 50, which would contribute to local school funding, reducing the proposed project's impact on DUSD facilities, as detailed in Section 4.10, *Public Services*, of the Draft EIR. This information has been shared with City decision-makers for their consideration of the overall effects of the project.

Response 6.3

The commenter expresses concern related to the less than significant conclusion in Section 4.11, *Transportation*, of the Draft EIR. The commenter expresses concern about traffic congestion specifically related to Huntington Drive and I-210.

Pursuant to Public Resources Code (PRC) Section 21082.2(a), lead agencies under CEQA must determine whether projects may have a significant impact on the environment. Prior to 2020, transportation analyses conducted under CEQA focused on a project's impact to automobile delay (i.e., congestion) at intersections and along nearby highway segments in terms of level of service. However, in 2013, SB 743 was enacted and required changes to the criteria for determining the significance of transportation impacts to promote the reduction of greenhouse gas (GHG) emissions, the development of multimodal transportation network, and a diversity of land uses (PRC Section 21099[b][1]). SB 743 is discussed in further detail in Section 4.11, *Transportation*, of the Draft EIR. In response, the California Natural Resources Agency adopted changes to the CEQA Guidelines –

specifically adding CEQA Guidelines Section 15064.3 – to identify vehicle miles traveled (VMT) as the most appropriate metric for evaluating a project’s transportation impacts (California Office of Planning and Research 2018). These changes went into effect July 1, 2020. As a result, PRC Section 21099(b)(2) and CEQA Guidelines Section 15064.3(b) specifically indicate “a project’s effect on automobile delay shall not constitute a significant environmental effect.” Accordingly, traffic congestion analyses are not required by CEQA and were not included in the Draft EIR.

However, a Transportation Impact Study (Appendix I of the Draft EIR) was completed for the project based on the City’s guidelines, including an analysis of project trip distribution and congestion on the surrounding streets, including the I-210 and I-605 ramps at Huntington Drive, and were included in the Draft EIR for informational purposes. As disclosed in the Transportation Impact Study, vehicle delays generated by the proposed project would contribute an operational deficiency at the intersection of Elmhurst Avenue and Huntington Drive and it is recommended that the northbound and southbound approaches on Elmhurst Avenue be restricted to right turns only during the AM and PM peak hours with appropriate signage. Vehicle delays generated by the proposed project would not substantially contribute to an operational deficiency at the intersection of Mount Olive Drive/I-210 & I-605 ramps at Huntington Drive and no off-site improvements are recommended. Additionally, the project impacts on queue lengths at the I-210/I-605 exit ramp at Huntington Drive are forecasted to be negligible. In addition, as concluded in Section 4.11, *Transportation*, of the Draft EIR, transportation impacts associated with VMT would be less than significant. This information has been shared with City decision-makers for their consideration of the overall effects of the project.

Response 6.4

The commenter expresses concern related to the amount of parking proposed.

Although the concern regarding parking is noted, CEQA does not consider the adequacy of a project’s parking or its “impacts on parking” unless it will result in significant secondary effects on the physical environment. Due to the project’s provision of on-site parking, bicycle parking, and proximity to public transit options, the project would provide various transportation options for residents and patrons and no secondary effects on the physical environment would occur. As such, this comment does not raise any significant environmental issues or raise other issues on the adequacy of the environmental analysis included in the EIR.

Response 6.5

The commenter expresses concern related to the proposed buildings’ height compared to surrounding single-story homes.

As detailed in Section 4.8, *Land Use and Planning*, of the Draft EIR, the proposed buildings’ height of 38 feet is within the maximum building height of 50 feet which is allowed under the proposed R-4 zone. Therefore, the proposed project’s building heights would be within the zone’s allowed height.

Response 6.6

The commenter expresses concern related to property values and the potentially misleading use of the term “townhome” to describe the residential units proposed.

Pursuant to CEQA Guidelines Section 15131, economic or social effects of a project shall not be treated as a significant effect on the environment. The comment is noted and does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR.

Response 6.7

The commenter expresses concern about potential crime.

As detailed in Section 15, *Public Services*, of the Initial Study (Appendix A of the Draft EIR), the Duarte Public Safety station is equipped to handle population increase resulting from the proposed project and would be able to safely maintain acceptable service ratios, response times, and efficient performance. As a result, Section 15, *Public Services*, of the Initial Study concluded the project would have a less than significant impact on police protection facilities. The comment is noted and does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR.

Response 6.8

The commenter urges the City to consider approval of Alternative 2.

The commenter's support of Alternative 2 will be shared with City decision-makers for their consideration.



Late Draft EIR Comments – Andres Duarte School Project (SCH #2024110837)

1 message

Danielle Steiner <[REDACTED]>
To: chensley@accessduarte.com

Thu, Jul 31, 2025 at 5:05 PM

Dear Mr. Hensley,

Please accept the attached/embedded **late** Draft EIR comments for the **Andres Duarte School Project (SCH #2024110837)**. Although submitted after the **July 31, 2025** deadline, I respectfully request these be added to the administrative record and considered as the City prepares the Final EIR and conducts future hearings. Thank you.

Craig Hensley, Community Development Director
City of Duarte – Community Development Department
[1600 Huntington Drive](#)
Duarte, CA 91010
Email: chensley@accessduarte.com

Re: Draft EIR Comments – Andres Duarte School Project (SCH #2024110837)
Project Location: [1433 Crestfield Drive](#) (APN 8604-017-903)

Dear Mr. Hensley and Members of the Community Development Department:

I submit these comments on the **Draft Environmental Impact Report (EIR)** for the **Andres Duarte School Project**. I **oppose** the project as proposed. It would **permanently convert a community school/park asset** for minimal public benefit, reduce recreation capacity, and foreclose feasible public-serving alternatives.

7.1

1) Loss of community recreation and future educational use

- The project **eliminates the ability to run two ballfields simultaneously**, reducing league capacity and community scheduling flexibility.
- The site remains uniquely suited for **a middle school, an adult education/career center, or a multi-use community facility**. Once upzoned and redeveloped for private townhomes, this public asset is **lost to the community**.

7.2

Requests/Questions for the FEIR:

1. Quantify the **loss of simultaneous field use** (games/week; users/week) and identify **replacement facilities**, funding, and a **timeline** to ensure **no gap in service**.
2. Analyze an alternative that **retains/expands dual-field capability** and preserves the site for **future school or adult education** use.
3. Commit to **no-demolition** of recreation resources until **functionally equivalent replacement capacity** is operational.

2) Poor public return; alternatives for better fiscal stewardship

7.3

- Based on information available to the community, the District's **net profit is approximately \$450,000, less**

than the property tax the site could generate if sold or publicly redeveloped in a better structure.

- Other districts (e.g., **Pasadena**) are **self-developing** or using structures that **retain control and revenue** for public benefit rather than shifting long-term value to private parties.

Requests/Questions for the FEIR:

1. Disclose a **lease vs. sale vs. public self-development** analysis (20- to 40-year cash flows, risk, control, and sensitivity).
2. Evaluate a **District-Built/Community-Benefit Alternative** that retains ownership/control and funds education and recreation long-term.
3. Explain why a project with such **low net public return** is preferable to public-serving reuse.

7.3
cont

3) Project not necessary to meet housing goals; better sites exist

- Duarte's housing pipeline already includes **multiple projects** addressing the City's RHNA obligations.
- Converting an education/recreation campus to high-density housing **undercuts long-term public needs** without demonstrating necessity.

7.4

Requests/Questions for the FEIR:

1. Provide a **RHNA progress and pipeline** analysis and explain why this **specific** public site must be converted now.
2. Add a **No-Rezoning/Public Use Alternative** that keeps PF/Open Space and modernizes the site for school/adult education + improved parkland.

4) Transportation safety & VMT—support Caltrans and expand analysis

- Please incorporate **Caltrans' December 20, 2024** comments in full (GTS #07-LA-2024-04694).
- Analyze **ramp storage/queuing and speed-differential risks** at:
(a) WB I-210 off-ramp at **Irwindale Ave**, (b) EB I-210 off-ramp at **Buena Vista**, (c) **Huntington Dr/Mt. Olive Dr/connection to I-605**.
- Confirm **VMT significance** and provide **enforceable mitigation**.

7.5

Requests/Questions for the FEIR:

1. Include ramp safety metrics (95th-percentile queues vs. storage, mainline spillback risk) and **performance standards** with **post-occupancy monitoring** and corrective actions.
2. Provide a **Multi-Modal Access & Conflict Analysis** (sidewalks, ADA ramps, **APS**, **LPI**, **continental crosswalks**, **Class II/IV bikeways**).
3. Commit to **traffic calming on Central Ave** to keep operating speeds **< 35 mph** and add the **perpendicular continental crosswalk** at Central/Crestfield.

5) Parking oversupply & weak TDM—induced auto trips

- **377 residential + 59 park** spaces will **induce vehicle trips** and undermine mode shift, despite the **A Line** being ~1 mile away.

7.6

Requests/Questions for the FEIR:

1. Analyze a **Reduced Parking/TDM-Enhanced Alternative** with **unbundled parking**, transit incentives (TAP

subsidies), secure long-term bike rooms, micromobility parking, and car-share/EV-share. 2. Convert TDM to conditions of approval with targets (e.g., transit pass uptake, bike parking minimums) and adaptive management if targets are missed. 3. Increase and distribute bike racks across park entries/amenities (more than two).	7.6 cont.
6) Cultural & tribal cultural resources—positive SLF; low–moderate subsurface potential - The NAHC Sacred Lands File was positive, and Holocene alluvium plus trenching up to ~13 feet creates potential for buried resources. Requests/Questions for the FEIR: - Commit to Workers Environmental Awareness Program (WEAP) and archaeological + tribal monitoring during initial mass grading and deep utility trenching. - Include stop-work, notification, and treatment procedures (HSC §7050.5; PRC §5097.98), with avoidance as the preferred mitigation and data recovery only where necessary.	7.7
7) Air quality, health risk, construction management (near homes & preschool) Requests/Questions for the FEIR: - Provide a Health Risk Assessment for construction diesel emissions on nearby sensitive receptors; require Tier 4 or better equipment, idling limits, and on-site power. - Add a Construction Traffic Management Plan (off-peak hauling, covered loads, Caltrans permits, haul routes avoiding school hours). - Include noise/vibration controls (barriers, setbacks), and a complaint-response/monitoring program.	7.8
8) Land use consistency, Open Space commitments, and public benefits Requests/Questions for the FEIR: - Demonstrate consistency with General Plan policies (education, parks/recreation, circulation, environmental justice). - Specify binding improvements to the park (quantities, quality, phasing) and a maintenance funding plan so the community is not left with reduced service.	7.9
9) Alternatives, cumulative effects, and growth inducement Requests/Questions for the FEIR: - Rigorously evaluate: No Project, No-Rezoning/Public Use, Reduced Parking/TDM-Enhanced, and a Lower-Trip/Lower-Density alternative. - Cumulative analysis should include I-210 corridor projects and nearby developments; growth-inducement must address how parking supply and site design shape auto dependency.	7.10 7.11
Conclusion For the reasons above, I oppose the project as proposed and request the City to: Reject the project or substantially revise it;	7.12

- Fully evaluate **public-serving alternatives** that preserve education and recreation functions; and
- Convert key measures into **enforceable mitigation/conditions** with **performance standards** and **monitoring**.

7.12
cont.

Please include these comments in the administrative record and notify me of all future hearings and circulation related to this project.

7.13

Sincerely,

Danielle Van de Wetering

[Redacted signature]

Letter 7

COMMENTER: Danielle Steiner

DATE: July 31, 2025

Response 7.1

The commenter states their opposition to the proposed project.

The comment does not raise any specific significant environmental issues or raise issues on the adequacy of the environmental analysis included in the EIR. The commenter's opposition of the project will be shared with City decision-makers for their consideration.

Response 7.2

The commenter expresses concern related to the loss of community recreation and future educational use as a result of the proposed project. The commenter points out that the project eliminates the ability to run two ballfields simultaneously at the Otis Gordon Sports Park. The commenter requests quantification of the loss of simultaneous field use and identification of replacement facilities. The commenter requests analysis of an alternative which retains or expands the dual-field capacity and preserves the site for educational purposes. The commenter also requests no demolition of recreational resources until functionally equivalent replacement capacity is operation.

As detailed in Section 16, *Recreation*, of the Initial Study (Appendix A of the Draft EIR), the city's existing parkland to resident ratio exceeds the required ratio of 2.5 acres per 1,000 residents and introduction of the proposed project would have a negligible effect. Thus, although the Otis Gordon Sports Park would be redeveloped to lose the ability to run two ballfields simultaneously, the proposed project would not substantially decrease the City's recreational facilities, and the proposed project would have a less than significant impact related to parks and recreational facilities. The No Project Alternative and Alternative 2, analyzed in Section 6, *Alternatives*, of the Draft EIR, both propose keeping the project site for education and parkland with dual field capacity, which would fulfill the commenter's request for analysis of an alternative that retains or expands the dual-field capacity and preserves the site for educational purposes. As concluded in this analysis, the commenter's request no demolition of recreational resources until functionally equivalent replacement capacity is operation will be shared with City decision-makers for their consideration.

Response 7.3

The commenter claims the DUSD's net profit would be approximately \$450,000. The commenter requests disclosure of a lease versus sale versus public self-development analysis. The commenter requests evaluation of a District-Built/Community Benefit alternative that retains DUSD ownership of the project site. The commenter requests explanation of why a low-net public return project is preferable to public-serving reuse.

Pursuant to CEQA Guidelines Section 15131, economic or social effects of a project shall not be treated as a significant effect on the environment. Therefore, potential impacts to DUSD profit and ownership are not required to be evaluated within the Draft EIR. The comment is noted and will be shared with City decision-makers for their consideration.

Response 7.4

The commenter states that there are multiple housing projects in progress that would address the City's Regional Housing Needs Allocation (RHNA) obligations and claims that the proposed project would undercut long-term public needs. The commenter requests preparation of a RHNA progress and pipeline analysis and addition of an alternative in which the project site remains public facilities and open space and modernizes the site for education and improved parkland.

Although other housing development projects are underway, the proposed project is within planned growth under the City's Housing Element, as detailed in Section 14, *Population and Housing*, of the Initial Study (Appendix A of the Draft EIR). The No Project Alternative and Alternative 2 (Previous Full Capacity of Schools) were analyzed in Section 6, *Alternatives*, of the Draft EIR; both alternatives propose keeping the project site for education and parkland, but neither propose improvements to the school or park portion of the project site. As discussed in the Alternatives analysis, while Alternative 2 is identified as the Environmentally Superior Alternative, it is noted that Alternative 2 would not meet the purpose of increasing the City's stock of multi-family housing units, and Alternative 2 would not satisfy the project objectives to the same extent as the proposed project. The commenter's request for the addition of an alternative in which the project site remains as public facilities and open space and modernizes the site for education and improved parkland will be shared with City decision-makers for their consideration. The commenter's request of an RHNA progress and pipeline analysis will be shared with City decision-makers for their consideration.

Response 7.5

The commenter requests incorporation of the December 20, 2024 Caltrans letter in full. The commenter requests ramp storage/queue and speed-differential risks at the west-bound I-210 off-ramp at Irwindale Avenue, east-bound I-210 off-ramp at Buena Vista, and Huntington Drive/Mount Olive Drive/connection to I-605. The commenter also requests confirmation of VMT significance and to provide enforceable mitigation.

It should be noted that the December 20, 2024 Caltrans letter is included in full in Appendix B of the Draft EIR, and comments were taken into consideration in the preparation of the analysis included in Section 4.11, *Transportation*, of the Draft EIR.

The west-bound I-210 off-ramp at Irwindale Avenue and east-bound I-210 off-ramp at Buena Vista were not analyzed in the Transportation Impact Study prepared for the proposed project as they would not be impacted by the proposed project due to distance from the project site. Huntington Drive/Mount Olive Drive/connection to the I-605 is analyzed in the Transportation Impact Study (Appendix I of the Draft EIR) and Section 4.11, *Transportation*, of the Draft EIR.

As detailed in Section 4.11, *Transportation*, of the Draft EIR, the proposed project satisfies the established screening criteria for projects located in a TPA, a low VMT area and project type screening (local park); therefore, the proposed project would result in a less than significant VMT impact without mitigation.

Response 7.6

The commenter claims the proposed project would induce vehicle trips, despite being located approximately one mile away from the Metro A Line. The commenter requests analysis of a Reduced-Parking/Transportation Demand Management (TDM)-Enhanced alternative with unbundled parking, transit incentives, long-term bike rooms, micromobility parking, and carshare. The commenter requests that the TDMs are converted to conditions of approval with targets. The

commenter also requests that the project involves increased and distributed bike racks across park amenities.

As detailed in Section 4.11, *Transportation*, of the Draft EIR, the project is expected to result in a net reduction of 46 AM peak hour trips, a net increase of 5 PM peak hour trips, and a net increase of 646 daily trips compared to the current uses. In addition, the proposed project satisfies the established screening criteria for projects located in a TPA, a low VMT area and project type screening (local park). The project would also include on-site parking and bicycle parking, and the project site has multiple public transit options. As such, the project would provide various transportation options for residents and patrons and no secondary effects on the physical environment would occur. Therefore, the proposed project would result in a less than significant VMT impact without mitigation and does not require further analysis for TDM alternatives or mitigation.

The commenter's request for transit incentives, long-term bike rooms, micromobility parking, carshare, and additional bike racks will be shared with City decision-makers for their consideration.

Response 7.7

The commenter states the Native American Heritage Commission (NAHC) Sacred Lands File was positive and there is a potential for buried resources. The commenter requests that the project involve a Workers Environmental Awareness Program (WEAP), archaeological and tribal monitoring, and stop-work, notification, and treatment procedures.

Details of the NAHC Sacred Lands File search results and potential of discovery of buried resources are evaluated in Section 4.3, *Cultural Resources*, and Section 4.12, *Tribal Cultural Resources*, of the Draft EIR. A WEAP training is required for all construction personnel and monitors who are not trained archaeologists in Mitigation Measure CUL-1. Archaeological monitoring is required in Mitigation Measure CUL-2. Tribal monitoring is required in Mitigation Measure TCR-1. A stop-work, notification, and treatment procedures are detailed in Mitigation Measure CUL-3. Implementation of Mitigation Measures CUL-1, CUL-2, CUL-3, and TCR-1 would reduce impacts related to cultural resources and tribal cultural resources to a less-than-significant level.

Response 7.8

The commenter requests preparation of a Health Risk Assessment (HRA) for construction, requirement of Tier 4 or better equipment, idling limits, and on-site power. The commenter also requests preparation of a construction traffic management plan. The commenter also requests inclusion of noise and vibration controls and a complaint-response and monitoring program.

Section 4.1, *Air Quality*, of the Draft EIR determined that impacts to air quality would be less than significant with mitigation incorporated. Although not required by CEQA, an HRA was included in this EIR to ensure a comprehensive evaluation of potential health impacts from freeway emissions and construction DPM emissions on nearby sensitive uses. The results of the HRA are evaluated in Section 4.1, *Air Quality*, of the Draft EIR and the HRA calculations are included in Appendix F of the Draft EIR. Mitigation Measure AQ-1 requires that all mobile off-road equipment (wheeled or tracked) used during construction activities shall meet the USEPA Tier 4 Interim standards at a minimum for all equipment over 25 horsepower and/or install Level 3 DPF filters. In accordance with Section 2485 of Title 13 of the California Code of Regulations, the idling of all diesel-fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location. Thus, the commenter's requests are fulfilled within the Draft EIR.

As detailed in Section 4.11, *Transportation*, of the Draft EIR, as part of the standard review process, the project would be required to submit a construction work site traffic control plan which would address traffic conditions during the construction phase of the project and potential impacts related to transportation would be less than significant. Thus, the commenter's request is fulfilled within the Draft EIR.

Section 4.9, *Noise*, of the Draft EIR determined that impacts to noise would be less than significant with mitigation incorporated. As detailed in Section 4.9, *Noise*, of the Draft EIR implementation of Mitigation Measure NOI-1 would require the use of alternative construction equipment that generates lower vibration levels to reduce vibration impacts upon nearby offsite residential structures. Further, temporary noise impacts from construction equipment would not exceed the Federal Transit Administration (FTA) threshold of 80 dBA L_{eq} (8-hour) at the nearest residential receptors to the north (Section 4.9, *Noise*, of the Draft EIR). Thus, the commenter's request is fulfilled within the Draft EIR..

Further, the City has a system in place to handle noise complaints which can be submitted through the City's website (<https://www.accessduarte.com/community/residents/report-an-issue>) or through calling City Hall at (626) 357-7931.

Response 7.9

The commenter requests demonstration of consistency with General Plan policies. The commenter also requests the specific binding improvements to the Otis Gordon Sports Park and preparation of a maintenance funding plan.

The proposed project's consistency with General Plan policies is evaluated in Section 4.8, *Land Use and Planning*, of the Draft EIR. Thus, the commenter's request is fulfilled within the Draft EIR. Details of the proposed improvements to the Otis Gordon Sports Park are provided in Section 2, *Project Description*, of the Draft EIR. Thus, the commenter's request is fulfilled within the Draft EIR. The commenters request of a maintenance funding plan will be shared with City decision-makers for their consideration.

Response 7.10

The commenter requests rigorous evaluation of a No Project, No-Rezoning/Public Use, Reduced Parking/TDM-Enhanced, and a Lower-Trip/Lower-Density Alternative.

The No Project Alternative and Alternative 2 analyzed in Section 6, *Alternatives*, of the Draft EIR both propose keeping the project site for education and parkland use with no rezoning proposed, fulfilling the commenter's requested No-Rezoning/Public Use alternative. Thus, the commenter's request is fulfilled within the Draft EIR.

As further detailed in Response 7.6, a Reduced Parking alternative, as requested by the commenter, is not required to be analyzed in the EIR.

The Alternatives analysis for the proposed project considered a reasonable range of four potential alternatives. As detailed in Section 15126.6 of the CEQA Guidelines, an EIR need not consider every conceivable alternative to a project. Nevertheless, the commenter's request for a lower-trip/lower density alternative will be shared with City decision-makers for their consideration.

Response 7.11

The commenter requests the addition of I-210 corridor projects and nearby developments to the cumulative analyses. The commenter also requests that the growth-inducement analysis address how parking supply and site design shape auto dependency.

The City, Rincon Consultants, and the Ganddini Group collaborated to determine the appropriate planned and pending project list for the cumulative impact analysis. Currently planned and pending projects in the City of Duarte, including those within the I-210 corridor, are listed in Table 3-1 and shown in Figure 3-1 in Section 3, *Environmental Setting*, of the Draft EIR and were used to evaluate the cumulative impacts for each of the issue area-specific cumulative analyses within Sections 4.1 through 4.13 of the Draft EIR.

Section 15126.2(e) of the CEQA Guidelines states that an EIR must discuss the ways in which the proposed project could foster economic or population growth, or construction of additional housing, either indirectly or directly. Section 5, *Other CEQA*, of the Draft EIR determined the proposed project would not have significant growth inducement impacts. Nevertheless, the commenters' request for the addition of parking supply and site design's effect on auto dependency and growth-inducement will be shared with City decision-makers for their consideration.

Response 7.12

The commenter states their opposition to the proposed project and requests that the City either reject or substantially revise the project, evaluates alternatives which preserve education and recreation functions, and converts key measures to enforceable mitigation measures.

The commenter's opposition to the project and requests are noted. Two alternatives (No Project Alternative and Alternative 2) evaluated in Section 6, *Alternatives*, of the Draft EIR involve preservation of education and recreation functions. All mitigation measures included within the Draft EIR are fully enforceable and are required to be adhered to, if approved with the proposed project.

Response 7.13

The commenter requests to be put on the list of interested parties to receive updates about the progress of this potential project approval.

The commenter's request is noted. City staff has also received this request from the commentor and has added them to the list of interested parties to be notified of any future public hearing on this item.

Letter 8

August 16, 2025
Via Certified Mail & Email

Mayor and Members of the City Council
City of Duarte
[1600 Huntington Drive](#)
[Duarte, CA 91010](#)

President and Members of the Board of Education
Duarte Unified School District
[1620 Huntington Drive](#)
[Duarte, CA 91010](#)

Re: Proposed Crestfield Townhomes LLC Development in Duarte – A Regional Threat in the San Gabriel Valley — Formal CEQA and Naylor Act Objection — Andres Duarte School / Crestfield Townhomes LLC Project

CC: All Members, Duarte City Council; All Members, Duarte USD Board of Education; Crestfield Townhomes LLC

Executive Summary

On behalf of the SGV Anti-displacement Coalition, we submit this formal objection to the Crestfield Townhomes LLC project at the former Andres Duarte School property. The City of Duarte ("City"), as CEQA Lead Agency, and Duarte Unified School District ("DUSD"), as a Naylor Act-governed entity and the public landowner, have independent, non-delegable duties to (1) preserve dedicated public recreation land consistent with the Naylor Act and (2) prepare a legally adequate Environmental Impact Report ("EIR") that fully discloses and mitigates significant environmental impacts under CEQA. The administrative record shows the project would remove one of the site's two baseball diamonds and reduce functional public park acreage by roughly one-third, while constructing 169 multifamily townhomes and associated private amenities on ± 7.83 acres of a ± 14.16 -acre public school site [1][2][3][4][5][6].

8.1

Key legal defects include:

- Naylor Act: DUSD must first offer up to 30% of long-used outdoor recreation land to the local parks agency at no more than 25% of fair market value before any disposition, subdivision, lease, or encumbrance. The loss of a ballfield and one-third of park acreage triggers this mandatory pre-offer; proceeding without it is unlawful.

- CEQA Substantive Impacts: Significant, unmitigated impacts to recreation, land use/planning, transportation safety (including ramp/back-of-queue hazards), air quality and construction health risk, noise/vibration, biological resources (including protected native trees), greenhouse gases/energy, hydrology/water quality, and cumulative impacts [5][7][8][9][10][11].
- CEQA Procedural Defects: Improper segmentation/piecemealing of park reconfiguration; failure to analyze a feasible Park-Preservation Alternative; inadequate responses to Caltrans and community comments; and unenforceable/deferred mitigation in violation of Guidelines §§ 15088, 15126.2, 15126.4, 15126.6, 15130.
- Environmental Justice & Displacement: The site buffers neighborhoods from the Irwindale industrial corridor (*where there are 16 active pit mines*) and I-210/I-605. Eliminating a free, walkable park in an already burdened area and introducing high-amenity, market-rate units (with no deed-restricted affordability) foreseeably increases displacement pressure on nearby Naturally Occurring Affordable Housing (NOAH) rentals and degrades community health resilience [4][12][13][14].
- Public Misrepresentation: Developer marketing materials claim “park expansion” and imply community benefits that the record does not substantiate. The EIR must correct these statements and disclose accurate, enforceable public benefit terms.

8.1
cont.

Requested relief: Withdraw the DEIR; prepare and recirculate a Revised EIR that includes a Park-Preservation Alternative retaining both diamonds; provides enforceable mitigation/monitoring; supplies a qualified arborist inventory and native tree protection/replacement plan; conducts a tract-level EJ/displacement analysis using ACS and established DPI/UDP frameworks; and demonstrates Naylor Act compliance before any approval or land encumbrance.

I. Introduction and Standing

The **SGV Anti-displacement Coalition** is a community-based organization committed to protection of public lands, parks, and environmental justice in Los Angeles County. The Coalition and its members regularly use, or would use, Otis Gordon Sports Park and the Andres Duarte School open space for youth sports, daily exercise, and community gathering. The Coalition’s interests fall within CEQA’s zone of interests (Pub. Res. Code § 21000 et seq.) and the Naylor Act’s purpose to preserve school recreation land for public benefit (Ed. Code §§ 17485–17500). Adverse project impacts would directly injure members’ use and enjoyment of the park and surrounding neighborhoods.

8.2

If the City or DUSD proceed in violation of CEQA or the Naylor Act, the Coalition will seek injunctive relief and a writ of mandate and will pursue attorney’s fees under

II. Project Description, Baseline, and Record Citations

The project would demolish/repurpose portions of the former Andres Duarte School and redevelop the eastern ±7.83 acres with 169 multi family townhomes in 25 three-story buildings plus a leasing/amenity building and 377 residential parking spaces; the western ±6.32 acres (Otis Gordon Sports Park) would be “reconfigured,” with 59 park spaces and two new driveways on Central Avenue. Construction is slated for April 2026–September 2028 [1][2][3][4].

8.3

The Initial Study/Notice of Preparation (IS/NOP), Draft EIR Chapter 2, Notice of Availability (NOA), and CalEEMod Appendix E confirm this program and modeling inputs (land uses: “Condo/Townhouse High Rise — 169 DU” and “City Park — 6.32 acres”) [1][2][3][4]. The IS/DEIR materials also acknowledge a reduction in active recreation capacity, including loss of one baseball diamond and shrinkage of functional open space [5]. Site plans and City figures yield a pre- vs post-project open space change of 2.43 acresto 1.60 acres (net loss 0.83 acres, or –34.2%) [6].

CEQA Baseline: The existing conditions baseline for recreation and traffic must reflect actual, current, pre-project use (two diamonds, current field scheduling, and existing access/circulation patterns). Any reliance on an artificially reduced baseline (e.g., temporary closure during planning) would be improper.

III. Naylor Act — Statutory Obligations, Triggers, and Application to this Site

A. Purpose, Scope, and Triggers

The Naylor Act protects community recreation assets located on public school lands by requiring pre-offerof up to 30% of land long used for outdoor recreation (8+ consecutive years) to the local parks/recreation agency at no more than 25% of fair market valuebefore a district may sell, lease, or otherwise dispose of it (Ed. Code §§ 17485–17500). Protected uses include “school playground, playing field, or other outdoor recreational purposes,” which courts and Attorney General opinions have interpreted broadly to include joint-use areas used by the public outside school hours. The Act’s valuation and priority rules ensure such land remains available for recreation at a price public agencies can afford.

8.4

B. Joint-Use at Andres Duarte Triggers the Act

The record demonstrates decades of joint-use between DUSD and the City on the western/southern portions of the site, including two baseball diamonds, ancillary facilities, lighting, and public access [1][2][5]. The DEIR acknowledges removal of one diamond and a one-third reduction in open space. Those facts, combined with long-term community use, satisfy the Act's "used for recreational purposes" trigger.

C. "Disposition" and "Encumbrance" Include Subdivision and Ground Lease Structures

The Naylor Act's protections are not limited to fee sales; they cover subdivision, lease, ground lease, dedication, or any encumbrance that would remove the land from recreational use or materially constrain its availability. A residential subdivision map coupled with a long-term ground lease or disposition and development agreement (DDA) is a "disposition" for purposes of the Act because it converts the use and strips public rights from the protected acreage.

D. Required Pre-Offer Procedure and Valuation

Before approving any action that would reduce recreation acreage or capacity, DUSD must: (1) map the portion(s) used for outdoor recreation for the prior 8+ years; (2) calculate the 30% set-aside; (3) formally offer those lands to the City's parks department at $\leq 25\%$ of fair market value; and (4) allow the statutory response period to run. No CEQA approval may vest until this statutory process is completed.

E. Non-Compliance is Unlawful and Remediable by Writ and Injunction

Proceeding without the pre-offer is ultra vires and subject to mandamus and injunctive relief. Because CEQA's project description and alternatives must reflect a lawful project, the EIR cannot assume conversion of protected parkland unless the Naylor Act process has been satisfied. Failure to perform the pre-offer also undermines the EIR's alternatives analysis, because acquisition of the protected portion by the City would materially change feasible layouts (e.g., keep both diamonds) and mitigation options.

Conclusion: The record shows a reduction of recreation land and removal of a field [5][6]. The Naylor Act applies and has not been satisfied. Approval would be unlawful.

8.4
cont.

IV. CEQA Substantive Impacts and Deficiencies

A. Recreation and Land Use/Planning

Significance: Appendix G flags the “substantial physical deterioration of recreational facilities” and “increased use such that physical deterioration would occur or be accelerated” as significant impacts. Removing a diamond and shrinking the park by $\approx$ one-third is a per se substantial adverse change [5][6].

Deficiencies: The DEIR fails to: (1) quantify existing vs. post-project field capacity (bookable hours, teams served, league scheduling); (2) disclose lost programs (youth baseball/softball, practices, pick-up play); (3) provide any in-kind replacement that is actually public, proximate, and of equal or greater utility; and (4) ensure enforceability via conditions and MMRP. Reliance on generalized “park reconfiguration” or shared private open spaces does not satisfy CEQA because private HOA amenities are not equivalent to free public recreation.

8.5

Mitigation/Alternatives (Feasible):

- Park-Preservation Alternative: Re-plan blocks, reduce private yard setbacks, allow tandem/stack/structured parking, narrow internal streets, or increase building efficiency to retain both diamonds within the site envelope.
- Off-site In-Kind Replacement: Acquire/construct equivalent diamonds within $\frac{1}{2}$ mile with lighted, bookable fields and long-term deed restrictions for public access.
- Scheduling/Programming: Fund additional hours at nearby fields only if capacity exists and is secured via binding ILA; otherwise, this is not mitigation.

B. Transportation Safety, Access, and Site Design

Caltrans’ NOP letter requests a full TIS, ramp/terminal queuing analysis at I-210 off-ramps, and multi-modal safety elements (Class II/IV bikeways, high-visibility crossings, speed management, TDM) [7]. The Ganddini TIS identifies pre-existing LOS E/F and signal warrants and evaluates opening year scenarios [8].

Deficiencies: The DEIR fails to: (1) model ramp back-of-queue spillback and weaving under construction and opening conditions; (2) evaluate driveway conflicts with park users (youth pedestrians) on Central Ave.; (3) commit to VZ-consistent design (narrow lanes, raised crossings); and (4) condition TDM (unbundled parking, transit passes, bike rooms) as enforceable measures.

8.6

Mitigation: Install warranted signals; protected intersections for high-injury network segments; raised crosswalks; protected bikeways on project frontages; on-site circulation separation between park traffic and residential drive aisles; cap parking supply to avoid induced traffic and comply with Caltrans guidance [7][8].

8.6
cont.

C. Air Quality, Construction Health Risk, and Energy/GHG

The HRA shows a maximum uncontrolled construction cancer risk of ~160.8 per million at a residential receptor for the 2026–2028 window [9]. This exceeds SCAQMD thresholds absent stringent controls.

Required Measures: Tier 4 off-road equipment; verified idling restrictions; electric construction equipment and shore power where feasible; perimeter DPM filtration; onsite concrete batch/no diesel gensets; real-time PM monitoring with stop-work triggers; notification/risk communication to receptors; and a funded MMRP.

GHG/Energy: The DEIR must quantify construction and operational GHGs, adopt no-gas building design (all-electric), EV-ready parking, solar PV, and building performance beyond Title 24, and demonstrate consistency with SB 32/Scoping Plan. Deferral to future design review is improper.

8.7

D. Noise and Vibration

Construction would introduce prolonged high-intensity noise adjacent to sensitive receptors (residences, park users, schools). The DEIR should model worst-case Lmax/Leq at property lines and require engineered barriers, limited hours, equipment retrofits, and vibration setbacks for structures.

8.8

E. Biological Resources (Beyond Trees)

The record lacks nesting bird surveys, raptor avoidance buffers, and protocols for special-status species potentially using riparian-adjacent trees. CEQA requires seasonal constraints and qualified biologist monitoring.

8.9

F. Hydrology/Water Quality and Stormwater

Grading and increased impervious area can alter root-zone hydrology of adjacent trees, increase runoff to the park, and degrade water quality without LID infiltration/bioretenion. The DEIR must provide a project-specific WQMP with sizing, pretreatment, O&M, and demonstration of no net harm to park soils.

8.10

G. Cumulative and Growth-Inducing Effects

The DEIR does not evaluate cumulative loss of recreation acreage within the SGV nor growth-inducing effects of converting a public school site to high-amenity market-rate housing (e.g., ancillary commercial demand, service expansions). Guidelines § 15130 requires a reasoned analysis; conclusory statements are inadequate.

8.11

V. Protected Native Trees — Detailed Impact Analysis and Required Mitigation

A. Resource Description and Legal Protections

The site supports mature California sycamores (*Platanus racemosa*) and coast live oaks (*Quercus agrifolia*), keystone species for habitat, shade, heat-island reduction, stormwater attenuation, and particulate capture. These resources are protected under CEQA Appendix G (adverse effects on native heritage trees are a significant impact) and under Los Angeles County's Oak Tree Ordinance and City of Duarte requirements, as applicable.

8.12

B. Deficiencies in the Record

Appendix C acknowledges ground disturbance in native alluvium and prescribes archaeological monitoring [10], yet the EIR contains no stand-alone arborist report.

Absent are:

- Tree Inventory: Species, DBH, height, condition rating, defects, canopy spread, and GPS mapping;
- Tree Protection Zones (TPZs): Calculated by diameter/dripline per ANSI A300 and ISA BMPs;
- Construction Protections: Root-pruning by a certified arborist before excavation; trenchless utilities beneath TPZs; no-cut fencing to the limits of TPZs; soil decompaction; mulch and irrigation plans;
- Indirect Effects Analysis: Changes to hydrology(drawdown, compaction, grade changes), heat stress, dust deposition, and reflected heat from paving;
- Mitigation Ratios: Native replacement at 3:1–5:1 using 36-inch box stock of local genotype; minimum 5-year establishment with survival standards;
- MMRP: Funding, performance criteria, annual monitoring, triggers, and adaptive management.

C. Required Measures and Enforceable Conditions

1.

Prepare and adopt a
Qualified Arborist Report
before final design, informing layout to avoid
removals where feasible (avoid >50% encroachment into TPZs).

2.

Implement
ANSI A300
and ISA BMPs as binding conditions.

3.

Require
biologist monitoring
for nesting birds; establish seasonal buffers (e.g., 300–500 ft for raptors) and
pre-construction surveys.

8.12
cont.

4.

If removals are unavoidable, adopt
3:1–5:1
replacement on-site with comparable canopy targets (e.g., achieve $\geq 75\%$
pre-project canopy within 10 years), coupled with irrigation and soil restoration.

5.

Establish
long-term conservation easements
or deed restrictions over retained tree groves to prevent incremental loss from
HOA operations.

6.

Include a fully funded
MMRP
identifying responsible parties, schedules, and reporting to the City.

Significance Conclusion: Without the foregoing, tree impacts remain significant and
unmitigated under CEQA.

VI. Environmental Justice (EJ) and Public Health

CalEnviroScreen/HPI indicators in and around the project area reflect cumulative burdens from freeway adjacency and industrial sources [4]. The park functions as a green health intervention—cooling, filtration, and safe active space—especially for children and seniors. Removing one-third of that space in a burdened corridor is an EJ harm. CEQA requires analysis of disproportionate effects and feasible measures to avoid, minimize, and mitigate (e.g., preserve both fields; add shade trees; install high-MERV filtration in new units; fund programming for underserved youth leagues). SB 1000 underscores local government obligations to reduce health risks in disadvantaged communities.

8.13

VII. Displacement Pressures and Housing Vulnerability

A. Baseline Conditions and Regional Context

ACS 2019–2023 indicates Duarte’s owner-occupied share $\approx$ 62.8% and median household income $\approx$ \$97,952; poverty is materially lower than the County [12][13]. Within the Baldwin Park–Azusa–Duarte–Irwindale PUMA, tenure is $\sim$ 61% ownership with substantial renter households in adjacent cities [14]. Regional rent shocks often spill over municipal borders in the SGV corridor.

B. Mechanisms of Impact from the Proposed Program

The program targets higher-income households with 3–4 bedroom, high-amenity units, HOA facilities, and no deed-restricted affordability [1][2]. Even if tenure were later characterized as rental-only or a ground-lease structure, the effect is similar: the price point is above neighborhood medians, signaling investor attention and catalyzing upgrades and rent hikes in nearby NOAH properties along Central Ave./Huntington Dr.

8.14

C. CEQA Relevance and Required Analysis

Economic displacement is a CEQA impact when it foreseeably alters the physical environment (e.g., increased VMT from longer commutes after displacement, school enrollment shifts, overuse of remaining parks, or higher exposure to pollution due to relocation). The EIR must:

1.

Quantify baseline renter burden (ACS table B25070),
overcrowding, and income quartiles in the project tract and ½-mile buffer;

2.

Compare expected unit
rents/prices
to area incomes;

3.

Analyze
spillover
effects on NOAH stock and at-risk tracts;

4.

Model near-term (5-year)
households at risk
using transparent DPI/UDP indicator thresholds;

5.

Commit to
mitigation:
in-lieu fees for local acquisition/preservation, anti-harassment ordinances,
right-to-return programs for displaced residents/users, and on-site inclusionary
set-asides.

8.14
cont.

Tables to include in Recirculated EIR:

- Table A: Baseline Housing & Inc

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Letter 8

COMMENTER: Sam Brown, SGV Anti-Displacement Coalition

DATE: August 17, 2025

Response 8.1

The commenter summarizes their comment letter in an executive summary, which states opposition to the project. The commenter cites noncompliance with the Naylor Act, inadequacies in the CEQA analysis, and environmental justice concerns. The commenter asserts that the project would unlawfully reduce public recreation land without first offering it to the local park's agency, fails to adequately disclose and mitigate significant environmental impacts, and would contribute to displacement and health burdens in an already impacted community. The commenter requests withdrawal and recirculation of the Draft EIR with additional analysis demonstrating Naylor Act compliance, a Park-Preservation Alternative, enforceable mitigation measures, and a tract-level environmental justice and displacement assessment.

Responses to the specific issues raised in the executive summary are provided in detail below. As discussed in the Draft EIR, the project complies with CEQA requirements for disclosure and analysis of physical environmental impacts. The Draft EIR evaluates potential impacts to recreation, land use, and public services, and concludes that the project would not result in significant impacts requiring mitigation or alternative analysis. The Naylor Act is not a CEQA requirement and is not applicable to the environmental review process. Environmental justice and displacement concerns are acknowledged; however, CEQA focuses on physical environmental effects rather than socioeconomic outcomes. Therefore, recirculation of the Draft EIR is not warranted.

Response 8.2

The commenter identifies the SGV Anti-displacement Coalition as a community-based organization with a direct interest in the project site, citing regular use of Otis Gordon Sports Park and the Andres Duarte School open space for recreation and community activities. The commenter asserts standing under CEQA and the Naylor Act and states that adverse project impacts would harm members' use and enjoyment of these public spaces. The commenter further indicates that, if the City or DUSD proceed in violation of CEQA or the Naylor Act, the Coalition will seek injunctive relief, a writ of mandate, and attorney's fees.

The proposed project was evaluated for potential impacts to recreation and land use in accordance with CEQA. As described in Section 2, Project Description, of the Draft EIR, the proposed project would expand Otis Gordon Sports Park from approximately 5.9 acres to 6.32 acres, which would add new amenities and maintain public access thereby maintaining open space for youth sports, daily exercise, and community gathering. The expansion and redevelopment of the park is designed to accommodate all existing recreational uses. As described in Section 4.8, Land Use and Planning, of the Draft EIR, the project is consistent with applicable land use plans upon approval of the General Plan Amendment and zone change. Furthermore, the Initial Study concludes that the City's parkland ratio would remain above the General Plan standard of 2.5 acres per 1,000 residents, even with the proposed residential development.

The Naylor Act is a provision of the California Education Code (EDC) 17485-17500 that allows the governing board of a school district, before selling or leasing a school site, to first offer to sell or lease the school site to the city, park or recreation district, regional park authority, or county within

which the land is located. Therefore, the Naylor Act is not applicable to the City's environmental review process pursuant to CEQA. Similarly, CEQA does not require analysis of a project's economic or social effects, unless they relate to an environmental impact. As described in the Draft EIR and the Initial Study, the project would not result in any such impacts. The commenter's concerns regarding compliance with the Naylor Act have been noted and will be shared with City decision-makers for their consideration during the entitlement process. In conclusion, the Draft EIR and Initial Study adequately evaluate the project's environmental impacts under CEQA. The commenter's concerns have been considered, and recirculation of the Draft EIR is not warranted.

Response 8.3

The commenter summarizes the proposed project scope and construction schedule and references project materials confirming the redevelopment of the eastern ±7.83 acres with 169 townhomes and reconfiguration of the western ±6.32-acre Otis Gordon Sports Park. The commenter states that the existing conditions baseline for recreation and traffic must reflect accurate conditions and not rely on artificially reduced baselines.

Regarding CEQA baseline conditions, Section 1.3, *Scope and Content*, of the Draft EIR confirms that the environmental analysis is based on existing physical conditions at the time of the Notice of Preparation (November 2024), consistent with CEQA Guidelines Section 15125(a). The baseline includes existing recreational use of both the park and the former school fields. Historical uses of the former school fields that included school use are irrelevant to the recreational impact analysis since students from the former school have been relocated to receiving schools, and those students' school recreational use would occur at the receiving schools and not at the former Andres Duarte School campus. The Draft EIR does not rely on temporary closures or future conditions as the baseline. Recreation and traffic analyses reflect current use patterns, including existing access and circulation; additional details regarding the potential recreation and transportation impacts are addressed further in Responses 8.5 and 8.6. Therefore, the commenter's concerns regarding project scope, recreation impacts, and CEQA baseline are addressed within the Draft EIR.

Response 8.4

The commenter requests evaluation of the applicability of the Naylor Act to the project site based on long-term joint recreational use between the City and DUSD. The commenter also requests confirmation that the statutory pre-offer process has been completed prior to any disposition, subdivision, or lease of the site, and states that failure to comply with the Naylor Act would affect the legality of project approval and the adequacy of the EIR's alternatives analysis.

The commenter's request regarding the applicability of the Naylor Act is noted. As detailed in Section 2, *Project Description*, of the Draft EIR, the proposed project involves redevelopment of the eastern portion of the site with residential uses and expansion of Otis Gordon Sports Park on the western portion of the site. As described in Section 4.10, *Public Services*, of the Draft EIR, the site is owned by the DUSD and the BOE determined that the property was surplus land and was no longer needed for educational purposes at its October 19, 2023, meeting.

The Draft EIR does not evaluate or make determinations regarding compliance with the Naylor Act, as this is a statutory obligation of the property owner and not pertinent to the CEQA review of the Project. As discussed in Section 1.3, *Scope and Content*, of the Draft EIR, CEQA requires evaluation of physical environmental impacts resulting from a proposed project. The environmental analysis is based on the proposed physical changes to the site and does not assume or rely on the outcome of

separate statutory processes. The Draft EIR does not preclude or interfere with the implementation of any applicable Naylor Act procedures.

As discussed in Section 6, *Alternatives*, of the Draft EIR, the alternatives analysis evaluates feasible site configurations consistent with the project objectives and environmental constraints. The Draft EIR does not identify any significant recreation impacts that would warrant a Park-Preservation Alternative under CEQA Guidelines Section 15126.6, as the proposed project would increase total park acreage and improve recreational facilities. As described in Section 15, *Public Services*, of the Initial Study (Appendix A to the Draft EIR), the City of Duarte's current parkland ratio is 3.55 acres per 1,000 residents, which exceeds the General Plan goal of 2.5 acres per 1,000 residents.

Thus, the commenter's concerns regarding the Naylor Act and its relationship to CEQA review are addressed within the Draft EIR.

Response 8.5

The commenter states that removal of one baseball diamond and reduction in park acreage constitutes a significant impact under CEQA. The commenter requests quantification of existing versus post-project field capacity, disclosure of lost programming, identification of in-kind public replacement facilities, and enforceable mitigation measures. The commenter also requests consideration of a Park-Preservation Alternative, off-site replacement fields, and scheduling/programming mitigation.

The project would preserve, redevelop, improve, and increase the size of the Otis Gordon Sports Park. Currently, the park covers approximately 5.9 acres and includes a barbecue area, picnic area, playground, restrooms, and a lighted softball field. Following its relocation, the MIT portion of the site would be demolished and developed as part of the park, which is designed to accommodate all existing recreational uses of the existing park and school grounds. Specifically, the redeveloped, expanded park would include a soccer field, baseball field, softball field, open turf area, overhead structures with barbecue and picnic tables, restrooms, snack shack, outdoor gym park, resurfaced tot lot, internal meandering walkways, and 59 parking spaces (including ADA spaces). Upon completion, the park will be approximately 6.32 acres.

As stated under Response 8.4, the City's parkland ratio would remain above the General Plan standard of 2.5 acres per 1,000 residents, even with the proposed residential development. Therefore, the City is fulfilling and exceeding its goals for recreation and the commenters' request is fulfilled by the proposed project and discussed within the Draft EIR.

CEQA does not require analysis of recreation programming (e.g., scheduling or league operations) but rather focuses on physical environmental impacts. The proposed improvements are publicly accessible and not reliant on private amenities. As the park would be expanded and enhanced under the proposed project, and the City's recreation goals are already exceeded, a Park-Preservation Alternative is not required under CEQA Guidelines Section 15126.6. Furthermore, the purpose of alternatives is to identify ways to mitigate or avoid significant impacts that a project may have on the environment. As defined in Appendix G of the CEQA Guidelines, a significant impact related to recreation may occur if a project would cause substantial physical deterioration of existing facilities or require construction of new facilities with adverse environmental effects. The Draft EIR evaluates the proposed park improvements and concludes that no significant impacts would occur. Any construction-related effects would be addressed through applicable mitigation.

While softball and baseball would not be able to be played at the same time at the park, there is no information indicating that softball and baseball are currently being played at the same or overlapping times between the park and the former school's fields. Any potential minor overlap can be scheduled around pre-season. Because the expanded and redeveloped park would accommodate all existing recreational uses of the existing park and the former school's fields, the removal of the former school's fields would not diminish existing recreational uses. Further, as discussed above in Response 8.3, historical school recreational use is irrelevant.

In conclusion, the Draft EIR and Initial Study demonstrate that the project would not result in significant recreation impacts, and the commenter's requested analysis and mitigation are either fulfilled within the Draft EIR or not required under CEQA.

Response 8.6

The commenter states that the Draft EIR does not adequately address transportation safety and site design. Specific concerns include freeway ramp queue spillback, driveway conflicts with youth pedestrians, lack of Vision Zero design features, and absence of enforceable Transportation Demand Management measures. The commenter requests mitigation including signals, protected intersections and bikeways, raised crosswalks, circulation separation, and parking caps to avoid traffic and comply with Caltrans guidance.

As described in Section 4.11, *Transportation*, of the Draft EIR, and the Transportation Impact Study in Appendix I, the project was evaluated for intersection operations, signal warrants, queuing, and site access. Freeway ramp queues at the I-210/I-605 ramps would be accommodated within existing geometry, with no spillback onto freeway mainlines. Driveways on Central Avenue (Intersections #9 and #10) are forecast to operate at Level of Service C or better, with no hazardous conditions identified. The project would implement a construction traffic control plan consistent with State standards and maintain or repair sidewalks along the frontage. No sharp curves or dangerous intersections are proposed. Existing high-visibility crosswalks are provided at Crestfield Drive/Bloomdale Street and Crestfield Drive/Central Avenue. Therefore, the project would not result in significant impacts requiring Vision Zero design features such as narrow lanes or raised crossings. As such, none of the mitigation measures identified by the commenter, or any other mitigation measures, are required to address these issues.

As the Draft EIR concludes that the project would result in less than significant transportation impacts, the commenters' requests are either fulfilled within the Draft EIR or not required under CEQA.

Response 8.7

The commenter states that the Draft EIR identifies a maximum uncontrolled construction cancer risk of approximately 160.8 per million at a residential receptor, which exceeds the South Coast Air Quality Management District (SCAQMD) threshold. The commenter requests additional mitigation measures including Tier 4 off-road equipment, verified idling restrictions, electric equipment and shore power where feasible, perimeter DPM filtration, onsite concrete batching and prohibition of diesel generators, real-time particulate matter monitoring with stop-work triggers, receptor notification, and a funded MMRP. The commenter also requests quantification of construction and operational GHG emissions, adoption of an all-electric building design, EV-ready parking, solar photovoltaic systems, building performance beyond Title 24, and demonstration of consistency with SB 32 and the California Scoping Plan.

As detailed in Section 4.1, *Air Quality*, of the Draft EIR, the Construction HRA identified the maximum unmitigated risk from construction of the proposed project for all sensitive receptors near the project site boundary; the outputs for the Construction HRA were provided in Appendix F1 of the Draft EIR. Section 4.1, *Air Quality*, states that the maximum off-site residential cancer risk would be 42.4 in one million at the residential receptors on the north side of the project boundary. The commenter obtained the value of 160.8 per million from Appendix F1 of the Draft EIR, which has been replaced with the accurate modeling outputs that were used in preparation of the HRA in Section 4.1; also refer to Section 3, *Errata*, of this Final EIR and the amended version of Appendix F1 is included as appendix to this Final EIR.

The Construction HRA was prepared to ensure a comprehensive evaluation of potential health impacts from construction-related DPM emissions. While the construction emissions would exceed the SCAQMD cancer risk thresholds, the analysis found that implementation of Mitigation Measure AQ-1, which requires all off-road construction equipment over 25 horsepower to meet Tier 4 Final standards or be retrofitted with Level 3 DPM filters, would reduce the cancer risk to 2.6 in one million which is below the SCAQMD threshold for a cancer risk threshold of 10 in one million persons. In addition, in accordance with Section 2485 of Title 13 of the California Code of Regulations, the idling of all diesel-fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location. Therefore, the commenter's requests regarding Tier 4 equipment, idling restrictions, and DPM controls are addressed within the Draft EIR. Additional measures requested by the commenter, such as real-time PM monitoring, perimeter filtration, and receptor notification, are not required under CEQA because the impact would be mitigated below significance thresholds.

As discussed in Section 4.6, *Greenhouse Gas Emissions*, the Draft EIR quantifies construction and operational GHG emissions and demonstrates the project does not conflict with SB 32 and the 2022 Scoping Plan. As discussed in Section 2.5.5, *Green Building Features*, the project includes all-electric design, EV-ready garages, solar PV systems, and compliance with 2022 Title 24 standards. Therefore, the commenter's concerns are addressed within the Draft EIR, and impacts would be less than significant with mitigation incorporated.

Response 8.8

The commenter requests modeling of worst-case construction noise levels at property lines and evaluation of impacts to nearby sensitive receptors, including residences, park users, and schools. The commenter also requests mitigation measures including engineered barriers, limited construction hours, equipment retrofits, and vibration setbacks.

As detailed in Section 4.9, *Noise*, of the Draft EIR, construction activities would intermittently generate noise adjacent to sensitive receptors. The analysis determined that temporary noise impacts would not exceed the Federal Transit Administration threshold of 80 dBA Leq (8-hour) at the nearest residential receptors to the north. Therefore, impacts would be less than significant. Furthermore, implementation of Mitigation Measure NOI-1 would require the use of alternative construction equipment that generates lower vibration levels to reduce potential impacts to nearby off-site residential structures. The Draft EIR also notes that construction activities would comply with the City's noise ordinance, including limitations on hours of operation.

Thus, the commenter's requests regarding construction noise modeling and mitigation are addressed within the Draft EIR.

Response 8.9

The commenter states the project record lacks nesting bird surveys, raptor avoidance buffers, and protocols for special-status species potentially using riparian-adjacent trees. The commenter states that CEQA requires seasonal constraints and qualified biologist monitoring for biological resources.

As detailed in Section 4.2, *Biological Resources*, of the Draft EIR, a reconnaissance-level field survey conducted on November 26, 2024, found no special-status plant or animal species with potential to occur in the study area. This determination is based on the site's heavily disturbed and urbanized condition, lack of suitable habitat, and a review of the California Fish and Wildlife Database (CDFW BIOS Viewer), which identified no sensitive species or habitats on or adjacent to the site. While no signs of sensitive species (e.g., nests, burrows, pellets) were observed, ornamental trees and landscaped areas may provide suitable habitat for migratory birds protected under the Migratory Bird Treaty Act and California Fish and Game Code during the breeding season. As detailed in Section 4.2.3, *Impact Analysis, of the Draft EIR*, implementation of Mitigation Measure BIO-1 would require pre-construction nesting bird surveys conducted by a qualified biologist during the breeding season (January 15 through August 31). If active nests are identified, appropriate buffers would be established and maintained until the biologist confirms nesting is complete. The measure also includes re-survey requirements if construction is delayed and reporting protocols to the City and applicable agencies.

Therefore, impacts to biological resources would be less than significant with mitigation incorporated. Thus, the commenter's concerns regarding nesting bird protections, seasonal constraints, and qualified biologist monitoring are addressed within the Draft EIR.

Response 8.10

The commenter states that grading and increased impervious surfaces may alter root-zone hydrology of adjacent trees, increase runoff to the park, and degrade water quality in the absence of Low Impact Development (LID) features such as infiltration or bioretention. The commenter requests that the Draft EIR include a project-specific Water Quality Management Plan with details on sizing, pretreatment, operations and maintenance, and a demonstration of no net harm to park soils.

As described in Section 2.5.3, *Utilities*, the proposed project includes a LID Plan that incorporates BMPs to manage stormwater runoff and protect water quality during both construction and operation. The LID Plan includes internal stormwater collection and conveyance to a private stormwater detention and infiltration system designed to prevent adverse impacts to adjacent areas, including Otis Gordon Sports Park.

As discussed in the Initial Study (Appendix A), the project would not result in a net increase in runoff that would adversely affect park soils or water quality. The Draft EIR determined that impacts related to hydrology and water quality would be less than significant with implementation of standard BMPs and compliance with applicable regulatory requirements.

CEQA does not require that a final, project-specific Water Quality Management Plan be included in the EIR. Rather, CEQA requires that the EIR evaluate whether the project would result in significant environmental impacts and identify mitigation measures or regulatory compliance mechanisms that would reduce those impacts to less-than-significant levels. The Draft EIR satisfies this requirement by confirming that the project will comply with the City's LID requirements and the Los Angeles Regional Water Quality Control Board's MS4 Permit. A final Water Quality Management Plan will be prepared and reviewed during the project's permitting phase, which is consistent with standard practice.

Therefore, the Draft EIR appropriately evaluates potential impacts to water quality and park soils and concludes that the project would not result in significant impacts. No additional analysis or mitigation is required under CEQA.

Response 8.11

The commenter requests evaluation of cumulative loss of recreation acreage within the San Gabriel Valley. The commenter also requests analysis of growth-inducing effects associated with converting a public school site to high-amenity market-rate housing, including ancillary commercial demand and service expansions.

As detailed in Section 3, *Environmental Setting*, and Section 4.1 through Section 4.13 of the Draft EIR, the cumulative impact analysis evaluates whether the proposed project, in combination with other planned and pending development in the city and surrounding areas (Table 3-1 and Figure 3-1), would result in significant environmental effects. The Draft EIR does not identify any cumulatively considerable impacts to recreation, as the proposed project would increase total park acreage and improve recreational facilities to fully accommodate existing recreational uses. As described in Response 8.3, the City would continue to exceed and fulfill their General Plan goals regarding their parkland ratio for recreation.

As detailed in Section 5.1, *Growth Inducement*, of the Draft EIR, the proposed project would not result in significant growth-inducing effects. The project would not extend infrastructure into undeveloped areas, remove obstacles to growth, or induce substantial unplanned population growth. The proposed residential development is consistent with the City's Housing Element and General Plan goals and would occur on a previously developed site. Ancillary commercial demand and service expansions are not anticipated to result in significant environmental effects and are not considered growth-inducing under CEQA.

Thus, the commenter's concerns regarding cumulative and growth-inducing impacts are addressed within the Draft EIR.

Response 8.12

The commenter states that the project site supports protected native trees, including mature California sycamores and coast live oaks, which are ecologically significant and protected under CEQA and local ordinances. The commenter asserts that the Draft EIR is deficient due to the absence of a stand-alone arborist report, tree inventory, delineation of Tree Protection Zones (TPZs), construction-phase protections, analysis of indirect effects, and enforceable mitigation ratios. The commenter requests preparation of a qualified arborist report, implementation of ANSI A300 and ISA BMPs, seasonal buffers for nesting birds, on-site tree replacement at a 3:1–5:1 ratio, long-term conservation easements, and a fully funded Mitigation Monitoring and Reporting Program (MMRP).

As described in Section 4.2, *Biological Resources*, of the Draft EIR, the project site does not contain native vegetation or sensitive natural communities. However, existing trees are present, and the project includes both tree removal and new landscaping. As stated in Section 4, *Biological Resources*, of the Initial Study (Appendix A), no local tree preservation ordinance applies directly to the site. Therefore, impacts related to tree preservation policies were determined to be less than significant, and further analysis was not warranted. However, the project is subject to Duarte Municipal Code Chapter 13.12, *Tree Protection and Preservation*, which governs the alternation, removal and replacement of applicable native and specimen trees. Under Duarte Municipal Code Chapter 13.12, tree removal may require a City-approved Tree Permit. The ordinance also outlines

requirements for replacement planting ratios, tree protection measures during construction, and arborist reports when applicable. The project would comply with this ordinance as applicable, and under CEQA, compliance with relevant regulatory standards can provide a basis for determining that a project would not have a significant environmental impact. Regardless, the Draft EIR meets CEQA requirements by identifying tree-related impacts and feasible mitigation measures. Final tree protection plans and replacement ratios would be reviewed and enforced in accordance with Duarte Municipal Code Section 13.12. In addition, Mitigation Measure BIO-1 addresses nesting bird protections, including pre-construction surveys and seasonal buffers consistent with CEQA and federal Migratory Bird Treaty Act requirements.

In conclusion, the Draft EIR appropriately evaluates tree-related impacts and includes mitigation consistent with CEQA and local requirements; therefore, the additional measures requested by the commenter are not required to reduce impacts to a less-than-significant level.

Response 8.13

The commenter requests evaluation of cumulative environmental burdens in the project area based on CalEnviroScreen and HPI indicators. The commenter also requests analysis of disproportionate impacts from the reduction of park space and recommends measures to avoid or mitigate environmental justice harms, including retention of both ballfields, shade tree planting, high-MERV filtration, and youth programming. The commenter references SB 1000 and its emphasis on reducing health risks in disadvantaged communities.

Environmental justice is not a standalone CEQA threshold. However, CEQA requires evaluation of physical environmental impacts, including whether those impacts would disproportionately affect sensitive populations. As detailed in Section 4.1, Air Quality, of the Draft EIR, the project includes Mitigation Measure AQ-1, which requires Tier 4 construction equipment and diesel particulate filters to reduce health risks. Additionally, new residential units would be subject to Title 24 building standards, including installation of MERV-13 filtration. As discussed in Section 1.4, Issues Not Studied in Detail in the EIR, and Appendix A, Initial Study, the Draft EIR determined that impacts to recreation would be less than significant. The proposed project would increase total park acreage and improve recreational facilities to accommodate existing recreational uses.

Further, the redevelopment of the site into new multifamily housing is not in itself an environmental justice harm.

The Draft EIR does not identify any significant impacts that would disproportionately affect disadvantaged communities. The proposed improvements to the park and inclusion of publicly accessible amenities are expected to enhance the community's access to recreational resources. Therefore, the commenter's concerns regarding environmental justice and community health are addressed within the Draft EIR.

Response 8.14

The commenter requests analysis of displacement pressures and housing vulnerability associated with the proposed project. The commenter also requests quantification of baseline renter burden, comparison of expected unit pricing to area incomes, and evaluation of spillover effects on nearby Naturally Occurring Affordable Housing. The commenter recommends modeling at-risk households and identifying mitigation measures such as in-lieu fees, anti-harassment ordinances, and inclusionary housing set-asides.

As detailed in Section 2, *Project Description*, of the Draft EIR, the proposed project would develop 169 townhome units on the eastern portion of the site and expand Otis Gordon Sports Park on the western portion. Approximately 15 percent of the proposed residential units would be provided as affordable to moderate-income households, consistent with the City's Housing Element goals.

CEQA does not require analysis of economic or social impacts unless they result in a physical change to the environment. As discussed in Section 5.1, *Growth Inducement*, of the Draft EIR, the proposed project would not result in substantial unplanned population growth or infrastructure expansion. The project is located on a previously developed site and would be consistent with the City's General Plan and Housing Element.

The Draft EIR does not identify any physical environmental impacts resulting from displacement that would require mitigation under CEQA. The proposed project would not displace existing housing or residents, and no demolition of residential units is proposed. The project would increase housing supply within the City and provide publicly accessible park improvements. Thus, the commenter's concerns regarding displacement pressures and housing vulnerability are noted. The Draft EIR evaluates the proposed project consistent with CEQA requirements and does not identify any physical environmental impacts related to displacement that would require further analysis or mitigation.

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3 Amended – Errata to the Draft EIR

This chapter presents specific text changes made to the Draft EIR since its publication and public review. The changes are presented in the order in which they appear in the Draft EIR and are identified by page number. Text deletions are shown in ~~striketrough~~, and text additions are shown in underline. The information contained within this chapter clarifies and expands on information in the Draft EIR and does not constitute “significant new information” requiring recirculation (Public Resources Code Section 21092.1; CEQA *Guidelines* Section 15088.5.)

3.1 Revisions to the Draft EIR

Project Description

Page 2-4 (Section 2.4.1, *Existing Conditions*):

The eastern portion of the project site consists of the vacant school buildings that were previously occupied by the Andres Duarte Arts Academy, a kindergarten through 8th grade school. A portion of the former school is currently in use by the Duarte Preschool. The school buildings consist of 47,399 total square feet of 21 permanent classrooms and 14 portable classrooms. The school site also includes a playground, sand areas, open turf areas, and two paved surface parking lots. The Andres Duarte Arts Academy closed after the 2021-2022 school year due to low enrollment. The Duarte Preschool is currently in operation at the project site and would relocate to the ~~northwestern~~ northeastern portion of the Beardslee Dual Language Academy campus prior to the demolition phase of the proposed project. The Beardslee School is located approximately 1.4 miles southwest of the project site at 1212 Kellwil Way.

Public Services

Page 4.10-1 (Section 4.10.1, *Setting*)

The Andres Duarte Arts Academy closed after the 2021-2022 school year due to low enrollment. A portion of the former school is currently in use by the Duarte Preschool. The school buildings consist of 47,399 total square feet of 21 permanent classrooms and 14 portable classrooms. The Duarte Preschool is currently in operation at the project site and would relocate to the ~~northwestern~~ northeastern portion of the Beardslee Dual Language campus prior to the demolition phase of the proposed project.

Appendix F1 – Construction Health Risk Calculations, Inputs, and Outputs

The version of Appendix F1 that was used for preparation of the Construction Health Risk Assessment in Section 4.1, *Air Quality*, is included as an appendix to this Final EIR.

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4 Mitigation Monitoring and Reporting Program

CEQA requires that a reporting or monitoring program be adopted for the conditions of project approval that are necessary to mitigate or avoid significant effects on the environment (Public Resources Code Section 21081.6). This mitigation monitoring and reporting program is intended to track and ensure compliance with adopted mitigation measures during the project implementation phase. For each mitigation measure recommended in the Final EIR, specifications are made herein that identify the action required, the monitoring that must occur, and the agency or department responsible for oversight.

Mitigation Measure	Action Required	Timing	Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
Air Quality							
AQ-1. Construction Emissions Reduction							
Prior to construction activity and issuance of grading permits, the City Building Official shall confirm that the grading plan, building plans, and specifications stipulate the following measures shall be implemented: All mobile off-road equipment (wheeled or tracked) used during construction activities shall meet the United States Environmental Protection Agency Tier 4 Interim standards at a minimum for all equipment over 25 horsepower and/or install Level 3 diesel particulate filters. Tier 4 certification can be for the original equipment or equipment that is retrofitted to meet the Tier 4 Interim standards.	Review project plans to confirm that all mobile off-road equipment used during construction activities meets the United States Environmental Protection Agency Tier 4 Interim standards for all equipment over 25 horsepower.	Prior to issuance of construction permits.	Once.	City Building Official			
Biological Resources							
BIO-1. Nesting Bird Avoidance/Pre-construction Surveys							
Prior to ground disturbing activities, the following measures shall be implemented: - To avoid disturbance of nesting and special-status bird species protected by the Migratory Bird Treaty Act and California Fish and Game Code, activities related to the project, including but not limited to, vegetation removal, ground disturbance, and construction shall not occur during the bird breeding season (January 15 through August 31) unless a pre-construction nesting bird survey is conducted within seven days prior to ground disturbance. - A qualified biologist, who is familiar with the identification of avian species, shall conduct the preconstruction nesting bird survey within seven days prior to ground disturbance to evaluate the presence/absence, location, and status of any active nests on or adjacent to the study area. The extent of the survey area	If construction occurs during the bird nesting season, verify that a pre-construction nesting bird surveys are completed and conducted by a qualified biologist. If nests are found, field verify that the avoidance buffer is maintained until the birds have fledged the nest. Review the survey report for compliance with all applicable measures.	If construction activities take place during the bird nesting season, nesting bird surveys shall be performed within seven days prior to project activities. If nests are found, monitoring for the avoidance buffer. The survey report shall be submitted.	Once for pre-construction survey. If required, monitoring to occur for the duration of nesting. If required, the survey report shall be submitted within one week of completion.	City of Duarte Planning Division			

Mitigation Measure	Action Required	Timing	Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
surrounding the study area shall be determined by the qualified biologist to confirm that direct and indirect effects to nesting birds are avoided. ▪ If an active nest(s) is discovered, a suitable buffer shall be established around the active nests, as determined by the biologist, and construction activity will not occur within the buffer until the biologist has determined that the nest is no longer active. Buffer size shall consider the species involved and relevant level of tolerance to adjacent activity, the location of the nest relative to proposed activities, and site conditions that naturally buffer the location, such as vegetation screening, topography, etc. No parking, storage of materials, or construction activities shall occur within this buffer until the qualified biologist has confirmed that breeding/nesting is completed, and the young have fledged the nest. Encroachment into this buffer shall occur only at the discretion of the qualified biologist, if it is determined that encroachment will not adversely impact the nesting birds. ▪ If construction activities are delayed or paused for more than 14 days during the nesting season, the nest survey will be re-initiated for areas that still contain potential nesting habitat. A report detailing the findings of the survey, including any identified active nests and recommended protective measures, shall be submitted to the City of Duarte's Community Development Director, and regulatory agencies if applicable, within seven days of completing the survey.							

Mitigation Measure	Action Required	Timing	Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
Cultural Resources							
CUL-1. Worker's Environmental Awareness Program							
All construction personnel and monitors who are not trained archaeologists shall be briefed regarding unanticipated discoveries prior to the start of construction activities. A basic presentation shall be prepared and presented by a Qualified Archaeologist, or other designated archaeologist working under the direction of the Qualified Archaeologist, to inform all personnel working on the proposed project about the archaeological sensitivity of the area. The purpose of the Workers Environmental Awareness Program (WEAP) training is to provide specific details on the kinds of archaeological materials that may be identified during construction of the proposed project and explain the importance of and legal basis for the protection of significant archaeological resources. Each worker shall also learn the proper procedures to follow in the event that archaeological resources or human remains are uncovered during ground-disturbing activities. These procedures include work curtailment or redirection and the immediate notification of the Qualified Archaeologist and if appropriate, Native American representative. The necessity of training attendance shall be stated on all construction plans, and the Project Developer shall maintain records demonstrating construction worker WEAP participation that are submitted to the City for review prior to the start of ground-disturbing activities. A Qualified Archaeologist must meet the Secretary of the Interior's Professional Qualifications Standards for archeology.	Verify implementation of the Worker's Environmental Awareness Program (WEAP) training is conducted by a qualified archaeologist. Review and approve the WEAP training materials prior to implementation of the WEAP, and review sign-in sheets after implementation of the WEAP.	Verification of the qualified archaeologist and review of training materials shall occur prior to implementation of the WEAP. Training shall be conducted prior to commencement of ground disturbing activities. Review of sign-in sheets after implementation of the WEAP.	Once.	City of Duarte Planning Division			

Mitigation Measure	Action Required	Timing	Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
CUL-2. Retention of a Qualified Archaeologist and Archaeological Monitoring							
Prior to the start of ground-disturbing activities, the Project Developer shall retain a Qualified Archaeologist to respond to and address any inadvertent discoveries identified for the duration of construction activities. The Qualified Archaeologist shall oversee an archaeological monitor possessing experience and familiarity with historic-period and prehistoric resources in the region. The archaeological monitor shall conduct full-time monitoring within undisturbed native soils to the project's proposed maximum depths of disturbance. In general, archaeological monitoring shall be limited to initial ground disturbance, which is defined as construction-related earthmoving of sediments from their native place of deposition and does not include any secondary movement of sediment that might be required for the proposed project (e.g., backfilling). The Qualified Archaeologist may adjust monitoring efforts as needed (increase, decrease, or discontinue monitoring frequency) based on the observed potential for construction activities to encounter archaeological deposits. The archaeological monitor shall be responsible for maintaining daily monitoring logs. Throughout the course of proposed project construction activities, if a discovery is made by construction personnel and a monitor is not present, the protocols and procedures outlined in the WEAP training shall be followed. Following the completion of proposed project construction activities, the Qualified Archaeologist shall prepare an archaeological monitoring report with the results of the archaeological monitoring program that meets state and local requirements. The report shall be submitted to the City and the South Central Coast Information Center at the California State University at Fullerton. Reports submitted to the South Central Coast Information Center shall be formatted and completed in accordance with the	Verify that a Qualified Archaeologist has been retained to respond to inadvertent discoveries throughout construction.	Prior to ground disturbing activities.	Once.	City of Duarte Planning Division			

Mitigation Measure	Action Required	Timing	Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
California Historical Resources Information System document submittal standards.							
CUL-3. Inadvertent Discovery of Archaeological Resources							
In the event that archaeological resources are inadvertently encountered during ground-disturbing activities, work in a 50-foot radius of the find shall be halted and redirected, and the Qualified Archaeologist shall be contacted immediately. The Qualified Archaeologist or other designated archaeologist working under the direction of the Qualified Archaeologist shall provide recommendations regarding the resource's potential significance and potential treatment in coordination with the City. If the resource is determined by the Qualified Archaeologist to be indigenous in origin, then a Native American representative shall also be contacted to participate in the evaluation of the resource. Avoidance and preservation in place shall be the preferred manner of mitigating impacts to archaeological resources. If the Qualified Archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for California Register of Historical Resources (CRHR) eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, the Qualified Archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, pursuant to the requirements of the CEQA Guidelines Section 15126.4(b)(3)(C). The data recovery plan shall identify data recovery excavation methods measurable objectives, and data thresholds to reduce any significant impacts related to the resource. Pursuant to the data recovery plan, the Qualified Archaeologist and Native American representative, as appropriate, shall recover and document the scientifically consequential information that justifies the resource's	In the event an unidentified archaeological resource is encountered during ground disturbing activities, field verify that work within 50 feet of the find has been halted and the qualified archaeologist has been contacted. If the resource is determined to be indigenous in origin, verify that a Native American representative has been contacted to participate in the evaluation of the resource. Avoidance and preservation in place If determined to be appropriate, verify archaeological testing for CRHR eligibility and review the data recovery plan.	If required, during ground-disturbing activities and upon completion of the recovery plan.	Once, as needed.	City of Duarte Planning Division.			

Mitigation Measure	Action Required	Timing	Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
significance. The City shall review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation shall be submitted to the regional repository of the California Historical Resources Information System, pursuant to CEQA Guidelines Section 15126.4(b)(3)(C).							
Noise							
NOI-1. Alternative Construction Equipment							
Prior to the issuance of a grading and building permit, the following measure shall be included as notes on all construction plans: Construction activities that utilize a roller within 26 feet of offsite residential structures shall be conducted with a static or pneumatic roller in lieu of a vibratory roller.	Review and approve project plans to confirm that rollers within 26 feet of offsite residential structures will be conducted with a static or pneumatic roller.	Prior to issuance of grading permits.	Once.	City of Duarte Planning Division			
Tribal Cultural Resources							
TCR-1. Retain a Native American Monitor Prior to Commencement of Ground Disturbing Activities							
A. The project applicant/lead agency shall retain a Native American Monitor from or approved by the Gabrieleño Band of Mission Indians – Kizh Nation. The monitor shall be retained prior to the commencement of any “ground-disturbing activity” for the subject project at all project locations (i.e., both on-site and any off-site locations that are included in the project description/definition and/or required in connection with the project, such as public improvement work). “Ground-disturbing activity” shall include, but is not limited to, demolition, pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching. B. A copy of the executed monitoring agreement shall be submitted to the lead agency prior to the commencement of any ground-disturbing activity, or the issuance of any permit necessary to commence a ground-disturbing activity. C. The monitor will complete daily monitoring logs that will provide descriptions of the relevant	Verify that a Native American Monitor from or approved by the Gabrieleño Band of Mission Indians – Kizh Nation has been retained. Review executed monitoring agreement and daily monitoring logs.	The tribal monitor shall be retained prior to the issuance of initial site clearing permits or ground-disturbing activity permits. Daily logs shall be submitted once ground-disturbing activities are complete or when the no future, planned activities possess the potential to impact Kizh tribal cultural resources.	Once each for monitor retention and contract review. Once for written confirmation that monitoring is no longer required. Once for ceased construction activities.	City of Duarte Planning Division			

Mitigation Measure	Action Required	Timing	Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
ground-disturbing activities, the type of construction activities performed, locations of ground disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Tribe. Monitor logs will identify and describe any discovered tribal cultural resources, including but not limited to, Native American cultural and historical artifacts, remains, places of significance, etc., (collectively, tribal cultural resources), as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the project applicant/lead agency upon written request to the Tribe. D. On-site tribal monitoring shall conclude upon the latter of the following (1) written confirmation to the Kizh from a designated point of contact for the project applicant/lead agency that all ground-disturbing activities and phases that may involve ground-disturbing activities on the project site or in connection with the project are complete; or (2) a determination and written notification by the Kizh to the project applicant/lead agency that no future, planned construction activity and/or development/construction phase at the project site possesses the potential to impact Kizh tribal cultural resources.							

Appendix F1

Construction Health Risk Calculations, Inputs, and Outputs

Andres Duarte School Site Project

Construction Modeling Assumptions

AERMOD Sources

<u>PolyAreas</u>		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
<u>Line Volume</u>		
Onroad Hauling Exhaust		
Vehicle Height	14	ft
Plume Height	7.25	m
Plume Width	17	m
Release Height	3.63	m
Emissions rate	1	g/s
EPA Haul Road Guidance & Caltrans Heigh & Low Clearance Guidance[1]		

[1] USEPA Haul Road Workgroup Final Report Dec 6, 2011, Page 4.

https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf

Meteorology: Azusa

Andres Duarte School Site Project

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home ^a	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF ₁	m ³ /L	0.001	0.001	0.001	0.001
Conversion Factor	CF ₂	µg/m ³	0.001	0.001	0.001	0.001
	CPF	mg/kg-day ⁻¹				
Cancer Potency Factor (diesel exhaust)			1.1	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	70.00

^a assume school or daycare will have cancer risk of >1 per million

Andres Duarte School Site Project

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment
Residential Receptors

OFFROAD	Start Date	4/1/2026	7/1/2026	7/1/2028
	End Date	6/30/2026	6/30/2028	6/28/2042

	4/1/2026	4/27/2028	Days	90	730	5110
Phase	Start Date	End Date	Duration (days)	3rd Tri	0<2	02<16
Demolition	4/1/2026	5/6/2026	36	36	0	0
Site Preparation	5/7/2026	6/11/2026	36	36	0	0
Grading	6/12/2026	7/23/2026	42	19	23	0
Building Construction I	7/24/2026	12/31/2026	161	0	161	0
Building Construction II	1/1/2027	12/31/2027	365	0	365	0
Building Construction III	1/1/2028	4/27/2028	118	0	118	0
Paving	7/24/2026	8/10/2026	18	0	18	0
Architectural Coating I	12/22/2027	12/31/2027	10	0	10	0
Architectural Coating II	1/1/2028	4/27/2028	118	0	118	0

Intake Factor for Inhalation, IF (m³/kg-day)					
Phase	Year	Equation	3rd Trimester	0<2	2<16
Demolition	2026	$\frac{DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1}{AT}$	0.004877463	0	0
Site Preparation	2026		0.004877463	0	0
Grading	2026		0.002574217	0.009408895	0
Building Construction I	2026		0	0.065862263	0
Building Construction II	2027		0	0.149315068	0
Building Construction III	2028		0	0.048271721	0
Paving	2026		0	0.007363483	0
Architectural Coating I	2027		0	0.004090824	0
Architectural Coating II	2028		0	0.048271721	0

Risk Calculation Part 1, R1			
Equation	3rd Trimester	0<2	2<16
$IF \cdot CPF \cdot CF_2$	5.36521E-06	0	0
	5.36521E-06	0	0
	2.83164E-06	1.03498E-05	0
	0	7.24485E-05	0
	0	0.000164247	0
	0	5.30989E-05	0
	0	8.09983E-06	0
	0	4.49991E-06	0
	0	5.30989E-05	0

Andres Duarte School Site Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition	2026	0.800	10	0.010079778
Site Preparation	2026	0.700	10	0.008819806
Grading	2026	1.360	10	0.017135622
Building Construction I	2026	0.600	10	0.007559833
Building Construction II	2027	0.510	10	0.006425858
Building Construction III	2028	0.440	10	0.005543878
Paving	2026	0.160	10	0.002015956
Architectural Coating I	2027	0.030	10	0.000377992
Architectural Coating II	2028	0.020	10	0.000251994

Risk Summary		
Maximum Risk, Uncontrolled		42.37
UTM X		412153.28
UTM Y		3777816.13

AERMOD Column Identifier:			4	4	4	4	4	4	4	4	4							X (UTM)	Y (UTM)
			Demolition	Site Preparation	Grading	Building Construction I	Building Construction II	Building Construction III	Paving	Architectural Coating I	Architectural Coating II	Child Risk							
Unique Identifier	X (UTM)	Y (UTM)	2026	2026	2026	2026	2027	2028	2026	2027	2028	3rd Trimester	0<2	2<16	Total	per million			
411893.283777816.13	411893.28	3777816	0.05065935	0.044326932	0.086120896	0.037994513	0.032295336	0.027862643	0.01013187	0.001899726	0.001266484	7.53484E-07	1.05857E-05	0	1.13392E-05	11.33919993	411893.3	3777816	
411913.283777816.13	411913.28	3777816.1	0.092450411	0.08089411	0.157165699	0.069337809	0.058937137	0.050847726	0.018490082	0.00346689	0.00231126	1.37507E-06	1.93183E-05	0	2.06934E-05	20.6933901	411913.28	3777816	
411933.283777816.13	411933.28	3777816.1	0.121399231	0.106224327	0.206378692	0.091049423	0.07739201	0.066769577	0.024279846	0.004552471	0.003034981	1.80564E-06	2.53674E-05	0	2.71731E-05	27.17307151	411933.28	3777816	
411953.283777816.13	411953.28	3777816.1	0.13936079	0.121940691	0.236913343	0.104520593	0.088842504	0.076648435	0.027872158	0.00522603	0.00348402	2.07279E-06	2.91207E-05	0	3.11934E-05	31.19344899	411953.28	3777816	
411973.283777816.13	411973.28	3777816.1	0.151635742	0.132681274	0.257780761	0.113726806	0.096667785	0.083399658	0.030327148	0.00568634	0.003790894	2.25536E-06	3.16856E-05	0	3.3941E-05	33.94097993	411973.28	3777816	
411993.283777816.13	411993.28	3777816.1	0.160723065	0.140632682	0.27322921	0.120542298	0.102460954	0.088397686	0.032144613	0.006027115	0.004018077	2.39052E-06	3.35845E-05	0	3.5975E-05	35.97501649	411993.28	3777816	
412013.283777816.13	412013.28	3777816.1	0.167728006	0.146762005	0.285137611	0.125796005	0.106926604	0.092250403	0.033545601	0.0062898	0.0041932	2.49471E-06	3.50482E-05	0	3.75429E-05	37.54294881	412013.28	3777816	
412033.283777816.13	412033.28	3777816.1	0.17335101	0.151682134	0.294696717	0.130013258	0.110511269	0.095343056	0.034670202	0.006500663	0.004333775	2.57835E-06	3.62232E-05	0	3.88016E-05	38.80155885	412033.28	3777816	
412053.283777816.13	412053.28	3777816.1	0.177832983	0.155603861	0.302316072	0.133374738	0.113368527	0.097808141	0.035566597	0.006668737	0.004445825	2.64501E-06	3.71598E-05	0	3.98048E-05	39.80476931	412053.28	3777816	
412073.283777816.13	412073.28	3777816.1	0.181755731	0.159036264	0.308984742	0.136316798	0.115869278	0.099965652	0.036351146	0.00681584	0.004543893	2.70335E-06	3.79795E-05	0	4.06828E-05	40.6828069	412073.28	3777816	
412093.283777816.13	412093.28	3777816.1	0.185197571	0.162047875	0.314835872	0.138898179	0.118063452	0.101858664	0.037039514	0.006944909	0.004629939	2.75455E-06	3.86987E-05	0	4.14532E-05	41.45320214	412093.28	3777816	
412113.283777816.13	412113.28	3777816.1	0.187948343	0.1644548	0.319512183	0.140961257	0.119817069	0.103371589	0.037589669	0.007048063	0.004698709	2.79546E-06	3.92735E-05	0	4.20689E-05	42.06891368	412113.28	3777816	
412133.283777816.13	412133.28	3777816.1	0.189099151	0.165461757	0.321468557	0.141824363	0.120550709	0.104004533	0.03781983	0.007091218	0.004727479	2.81258E-06	3.95139E-05	0	4.23265E-05	42.32650175	412133.28	3777816	
412153.283777816.13	412153.28	3777816.1	0.189296614	0.165634537	0.321804244	0.14197246	0.120676591	0.104113138	0.037859323	0.007098623	0.004732415	2.81551E-06	3.95552E-05	0	4.23707E-05	42.37070032	412153.28	3777816	
412173.283777816.13	412173.28	3777816.1	0.188391752	0.164842783	0.320265979	0.141293814	0.120099742	0.103615464	0.03767835	0.007064691	0.004709794	2.80205E-06	3.93661E-05	0	4.21682E-05	42.16816304	412173.28	3777816	
412193.283777816.13	412193.28	3777816.1	0.185976637	0.162729558	0.316160284	0.139482478	0.118560106	0.102287151	0.037195327	0.006974124	0.004649416	2.76613E-06	3.88614E-05	0	4.16276E-05	41.6275823	412193.28	3777816	
412213.283777816.13	412213.28	3777816.1	0.180761058	0.158165926	0.307293799	0.135570794	0.115235175	0.099418582	0.036152212	0.00677854	0.004519026	2.68856E-06	3.77716E-05	0	4.04602E-05	40.46016705	412213.28	3777816	
412233.283777816.13	412233.28	3777816.1	0.16962371	0.148420746	0.288360307	0.127217783	0.108135115	0.093293041	0.033924742	0.006360889	0.004240593	2.52291E-06	3.54444E-05	0	3.79673E-05	37.9672686	412233.28	3777816	
412273.283777816.13	412273.28	3777816.1	0.092048127	0.080542112	0.156481817	0.069036096	0.058680681	0.05062647	0.018409625	0.003451805	0.002301203	1.36908E-06	1.92343E-05	0	2.06033E-05	20.60334595	412273.28	3777816	
412293.283777816.13	412293.28	3777816.1	0.069018859	0.060391502	0.117332061	0.051764144	0.043999523	0.037960373	0.013803772	0.002588207	0.001725471	1.02656E-06	1.44221E-05	0	1.54487E-05	15.4486514	412293.28	3777816	
412313.283777816.13	412313.28	3777816.1	0.054358125	0.047563359	0.092408812	0.040768594	0.034653305	0.029896969	0.010871625	0.00203843	0.001358953	8.08498E-07	1.13586E-05	0	1.21671E-05	12.1671052	412313.28	3777816	
412333.283777816.13	412333.28	3777816.1	0.044147713	0.038629249	0.075051112	0.033110785	0.028144167	0.024281242	0.008829543	0.001655539	0.001103693	6.56633E-07	9.22505E-06	0	9.88169E-06	9.881685061	412333.28	3777816	
412353.283777816.13	412353.28	3777816.1	0.036622756	0.032044911	0.062258685	0.027467067	0.023347007	0.020142516	0.007324551	0.001373353	0.000915569	5.4471E-07	7.65265E-06	0	8.19736E-06	8.197356408	412353.28	3777816	
412373.283777816.13	412373.28	3777816.1	0.03086811	0.027009596	0.052475787	0.023151082	0.01967842	0.01697746	0.006173622	0.001157554	0.000771703	4.59118E-07	6.45016E-06	0	6.90928E-06	6.909280656	412373.28	3777816	
412393.283777816.13	412393.28	3777816.1	0.026392386	0.023093338	0.044867056	0.01979429	0.016825146	0.014515812	0.005278477	0.000989714	0.00065981	3.92549E-07	5.51492E-06	0	5.90747E-06	5.90746903	412393.28	3777816	
412413.283777816.13	412413.28	3777816.1	0.022798542	0.019948724	0.038757522	0.017098907	0.014534071	0.012539198	0.004559708	0.000854945	0.000569964	3.39095E-07	4.76396E-06	0	5.10305E-06	5.103050595	412413.28	3777816	
412433.283777816.13	412433.28	3777816.1	0.019903731	0.017415764	0.033836342	0.014927798	0.012688628	0.010947052	0.003980746	0.00074639	0.000497593	2.96039E-07	4.15906E-06	0	4.4551E-06	4.455098247	412433.28	3777816	
412453.283777816.13	412453.28	3777816.1	0.017511598	0.015322648	0.029769716	0.013133698	0.011163644	0.009631379	0.00350232	0.000656685	0.00043779	2.6046E-07	3.6592E-06	0	3.91966E-06	3.919661598	412453.28	3777816	
412473.283777816.13	412473.28	3777816.1	0.015522152	0.013581883	0.026387659	0.011641614	0.009895372	0.008537184	0.00310443	0.000582081	0.000388054	2.3087E-07	3.24349E-06	0	3.47436E-06	3.474359342	412473.28	3777816	
411893.283777836.13	411893.28	3777836.1	0.032522	0.02845675	0.0552874	0.0243915	0.020732775	0.0178871	0.0065044	0.001219575	0.00081305	4.83718E-07	6.79576E-06	0	7.27947E-06	7.279474679	411893.28	3777836	
411913.283777836.13	411913.28	3777836.1	0.047772804	0.041801204	0.081213767	0.035829603	0.030455163	0.026275042	0.009554561	0.00179148	0.00119432	7.10551E-07	9.98255E-06	0	1.06931E-05	10.69309765	411913.28	3777836	
411933.283777836.13																			

412173.283777836.13	412173.28	3777836.1	0.106572079	0.093250569	0.181172535	0.079929059	0.067939701	0.058614644	0.021314416	0.003996453	0.002664302	1.58511E-06	2.22692E-05	0	2.38543E-05	23.85427579	412173.28	3777836
412193.283777836.13	412193.28	3777836.1	0.104651982	0.091570485	0.17790837	0.078488987	0.066715639	0.05755859	0.020930396	0.003924449	0.0026163	1.55655E-06	2.18679E-05	0	2.34245E-05	23.42449605	412193.28	3777836
412213.283777836.13	412213.28	3777836.1	0.101099768	0.088462297	0.171869605	0.075824826	0.064451102	0.055604872	0.020219954	0.003791241	0.002527494	1.50371E-06	2.11257E-05	0	2.26294E-05	22.62939564	412213.28	3777836
412233.283777836.13	412233.28	3777836.1	0.094553255	0.082734098	0.160740533	0.070914941	0.0602777	0.05200429	0.018910651	0.003545747	0.002363831	1.40634E-06	1.97577E-05	0	2.11641E-05	21.16407438	412233.28	3777836
412273.283777836.13	412273.28	3777836.1	0.071221492	0.062318806	0.121076537	0.053416119	0.045403701	0.039171821	0.014244298	0.002670806	0.001780537	1.05932E-06	1.48824E-05	0	1.59417E-05	15.94167186	412273.28	3777836
412293.283777836.13	412293.28	3777836.1	0.058157294	0.050887632	0.0988674	0.04361797	0.037075275	0.031986512	0.011631459	0.002180899	0.001453932	8.65006E-07	1.21525E-05	0	1.30175E-05	13.01748202	412293.28	3777836
412313.283777836.13	412313.28	3777836.1	0.047956256	0.041961724	0.081525636	0.035967192	0.030572113	0.026375941	0.009591251	0.00179836	0.001198906	7.1328E-07	1.00209E-05	0	1.07342E-05	10.73416013	412313.28	3777836
412333.283777836.13	412333.28	3777836.1	0.040176986	0.035154863	0.068300877	0.03013274	0.025612829	0.022097342	0.008035397	0.001506637	0.001004425	5.97575E-07	8.39533E-06	0	8.99291E-06	8.992908055	412333.28	3777836
412353.283777836.13	412353.28	3777836.1	0.034133454	0.029866772	0.058026872	0.02560009	0.021760077	0.0187734	0.006826691	0.001280005	0.000853336	5.07686E-07	7.13248E-06	0	7.64017E-06	7.640170183	412353.28	3777836
412373.283777836.13	412373.28	3777836.1	0.029280545	0.025620477	0.049776926	0.021960409	0.018666347	0.0161043	0.005856109	0.00109802	0.000732014	4.35506E-07	6.11843E-06	0	6.55393E-06	6.553932299	412373.28	3777836
412393.283777836.13	412393.28	3777836.1	0.025371103	0.022199715	0.043130875	0.019028327	0.016174078	0.013954107	0.005074221	0.000951416	0.000634278	3.77358E-07	5.30151E-06	0	5.67887E-06	5.678872867	412393.28	3777836
412413.283777836.13	412413.28	3777836.1	0.022166137	0.01939537	0.037682433	0.016624603	0.014130912	0.012191375	0.004433227	0.00083123	0.000554153	3.29689E-07	4.63181E-06	0	4.9615E-06	4.961497859	412413.28	3777836
412433.283777836.13	412433.28	3777836.1	0.019526243	0.017085463	0.033194613	0.014644682	0.01244798	0.010739434	0.003905249	0.000732234	0.000488156	2.90425E-07	4.08018E-06	0	4.3706E-06	4.370604304	412433.28	3777836
412453.283777836.13	412453.28	3777836.1	0.017317764	0.015153043	0.029440198	0.012988323	0.011040074	0.00952477	0.003463553	0.000649416	0.000432944	2.57577E-07	3.6187E-06	0	3.87628E-06	3.876275256	412453.28	3777836
412473.283777836.13	412473.28	3777836.1	0.015452703	0.013521115	0.026269594	0.011589527	0.009851098	0.008498986	0.003090541	0.000579476	0.000386318	2.29837E-07	3.22898E-06	0	3.45881E-06	3.458814261	412473.28	3777836
411893.283777876.13	411893.28	3777876.1	0.015947519	0.013954079	0.027110782	0.011960639	0.010166543	0.008771135	0.003189504	0.000598032	0.000398688	2.37196E-07	3.33237E-06	0	3.56957E-06	3.56957014	411893.28	3777876
411913.283777876.13	411913.28	3777876.1	0.019403371	0.016977949	0.03298573	0.014552528	0.012369649	0.010671854	0.003880674	0.000727626	0.000485084	2.88597E-07	4.0545E-06	0	4.3431E-06	4.343101469	411913.28	3777876
411933.283777876.13	411933.28	3777876.1	0.023669838	0.020711108	0.040238725	0.017752379	0.015089522	0.013018411	0.004733968	0.000887619	0.000591746	3.52055E-07	4.94602E-06	0	5.29807E-06	5.298074799	411933.28	3777876
411953.283777876.13	411953.28	3777876.1	0.028137397	0.024620223	0.047833575	0.021103048	0.017937591	0.015475569	0.005627479	0.001055152	0.000703435	4.18503E-07	5.87956E-06	0	6.29806E-06	6.29805892	411953.28	3777876
411973.283777876.13	411973.28	3777876.1	0.032305587	0.0328267389	0.054919498	0.02422919	0.017768073	0.020594812	0.006461117	0.00121146	0.00080764	4.80499E-07	6.75054E-06	0	7.23103E-06	7.231034493	411973.28	3777876
411993.283777876.13	411993.28	3777876.1	0.035981884	0.031484148	0.061169202	0.026986413	0.022938451	0.019790036	0.007196377	0.001349321	0.000899547	5.35178E-07	7.51873E-06	0	8.05391E-06	8.05390848	411993.28	3777876
412013.283777876.13	412013.28	3777876.1	0.03927031	0.034361521	0.066759527	0.029452733	0.025034823	0.021598671	0.007854062	0.001472637	0.000981758	5.84089E-07	8.20588E-06	0	8.78996E-06	8.789964659	412013.28	3777876
412033.283777876.13	412033.28	3777876.1	0.042013522	0.036761832	0.071422987	0.031510141	0.02678362	0.023107437	0.008402704	0.001575507	0.001050338	6.2489E-07	8.77909E-06	0	9.40398E-06	9.403984059	412033.28	3777876
412053.283777876.13	412053.28	3777876.1	0.044326125	0.03878536	0.075354413	0.033244594	0.028257905	0.024379369	0.008865225	0.00166223	0.001108153	6.59287E-07	9.26233E-06	0	9.92162E-06	9.921619448	412053.28	3777876
412073.283777876.13	412073.28	3777876.1	0.046210136	0.040433869	0.078557232	0.034657602	0.029458962	0.025415575	0.009242027	0.00173288	0.001155253	6.87309E-07	9.65601E-06	0	1.03433E-05	10.34332206	412073.28	3777876
412093.283777876.13	412093.28	3777876.1	0.047907672	0.041919213	0.081443042	0.035930754	0.030541141	0.026349219	0.009581534	0.001796538	0.001197692	7.12557E-07	1.00107E-05	0	1.07233E-05	10.72328534	412093.28	3777876
412113.283777876.13	412113.28	3777876.1	0.049012617	0.04288604	0.083321449	0.036759463	0.031245543	0.026956939	0.009805253	0.001837973	0.001225315	7.28992E-07	1.02416E-05	0	1.09706E-05	10.9706078	412113.28	3777876
412133.283777876.13	412133.28	3777876.1	0.049722838	0.043507483	0.084528825	0.037292129	0.031698309	0.027347561	0.009944568	0.001864606	0.001243071	7.39555E-07	1.039E-05	0	1.11296E-05	11.12957825	412133.28	3777876
412153.283777876.13	412153.28	3777876.1	0.050125727	0.043860011	0.085213736	0.037594295	0.031955151	0.02756915	0.010025145	0.001879715	0.001253143	7.45548E-07	1.04742E-05	0	1.12198E-05	11.21975776	412153.28	3777876
412173.283777876.13	412173.28	3777876.1	0.05006162	0.043803917	0.085104753	0.037546215	0.031914282	0.027533891	0.010012324	0.001877311	0.00125154	7.44594E-07	1.04608E-05	0	1.12054E-05	11.20540846	412173.28	3777876
412193.283777876.13	412193.28	3777876.1	0.049515296	0.043325884	0.084176002	0.037136472	0.031566001	0.027233413	0.009903059	0.001856824	0.001237882	7.36468E-07	1.03467E-05	0	1.10831E-05	11.0831235	412193.28	3777876
412213.283777876.13	412213.28	3777876.1	0.048322152	0.042281883	0.082147659	0.036241614	0.030805372	0.026577184	0.00966443	0.001812081	0.001208054	7.18722E-07	1.00973E-05	0	1.08161E-05	10.81605947	412213.28	3777876
412233.283777876.13	412233.28	3777876.1	0.04673741	0.040895233	0.079453596	0.035053057	0.029795099	0.025705575	0.009347482	0.001752653	0.001168435	6.95151E-07	9.76619E-06	0	1.04613E-05	10.46134284	412233.28	3777876
412273.283777876.13	412273.28	3777876.1	0.041571423	0.036374995	0.070671419	0.031178567	0.026501782	0.022864282	0.008314285	0.001558928	0.001039286	6.18315E-07	8.68671E-06	0	9.30503E-06	9.305028003	412273.28	3777876
412293.283777876.13	412293.28	3777876.1	0.037961552	0.033216358	0.064534638	0.028471164	0.024200489	0.020878854	0.00759231	0.001423558	0.000949039	5.64623E-07	7.9324E-06	0	8.49702E-06	8.497022242	412293.28	3777876
412313.283777876.13	412313.28	3777876.1	0.034244634	0.029964055	0.058215878	0.025683475	0.021830954	0.018834549	0.006848927	0.001284174	0.000856116	5.09339E-07	7.15572E-06	0	7.66506E-06	7.665055849	412313.28	3777876
412333.283777876.13	412333.28	3777876.1	0.030690504	0.026854191	0.052173857	0.023017878	0.019565196	0.016879777	0.006138101	0.001150894	0.000767263	4.56477E-07	6.41305E-06	0	6.86953E-06	6.869526764	412333.28	3777876
412353.283777876.13	412353.28	3777876.1	0.027455198	0.024023298	0.046673836	0.020591398	0.017502689	0.015100359	0.00549104	0.00102957	0.00068638	4.08356E-07	5.737E-06	0	6.14536E-06	6.145360654	412353.28	3777876
412373.283777876.13	412373.28	3777876.1	0.02455958	0.021489633	0.041751286	0.018419685	0.015656732	0.013507196	0.00920984	0.00061399	0.000520984	3.65288E-07	5.13194E-06	0	5.497227811	5.497227811	412373.28	3777876
412393.283777876.13	412393.28	3777876.1	0.021981677	0.019233967	0.037368851	0.016486258	0.014013319	0.012089922	0.004396335	0.000824313	0.000549542	3.26946E-07	4.59326E-06	0	4.92021E-06	4.920209764	412393.28	3777876
412413.283777876.13	412413.28	3777876.1	0.019730157	0.017263887	0.033541267	0.014797618	0.012577975	0.010851586	0.003946031	0.00073988								

412413.283777896.13	412413.28	3777896.1	0.018159929	0.015889938	0.03087188	0.013619947	0.011576955	0.009987961	0.003631986	0.000680997	0.000453998	2.70103E-07	3.79468E-06	0	4.06478E-06	4.064779099	412413.28	3777896
412433.283777896.13	412433.28	3777896.1	0.016552205	0.014483179	0.028138748	0.012414154	0.01055203	0.009103713	0.003310441	0.000620708	0.000413805	2.4619E-07	3.45873E-06	0	3.70492E-06	3.704918381	412433.28	3777896
412453.283777896.13	412453.28	3777896.1	0.01511372	0.013224505	0.025693323	0.01133529	0.009634996	0.008312546	0.003022744	0.000566764	0.000377843	2.24795E-07	3.15814E-06	0	3.38294E-06	3.382938926	412453.28	3777896
412473.283777896.13	412473.28	3777896.1	0.013826532	0.012098215	0.023505104	0.010369899	0.008814414	0.007604593	0.002765306	0.000518495	0.000345663	2.0565E-07	2.88918E-06	0	3.09482E-06	3.094824734	412473.28	3777896
411913.283777916.13	411913.28	3777916.1	0.011384605	0.009961529	0.019353829	0.008538454	0.007257686	0.006261533	0.002276921	0.000426923	0.000284615	1.6933E-07	2.37891E-06	0	2.54824E-06	2.548242556	411913.28	3777916
411933.283777916.13	411933.28	3777916.1	0.013076597	0.011442022	0.022230214	0.009807447	0.00833633	0.007192128	0.002615319	0.000490372	0.000326915	1.94495E-07	2.73247E-06	0	2.92696E-06	2.926964939	411933.28	3777916
411953.283777916.13	411953.28	3777916.1	0.01492422	0.013058692	0.025371174	0.011193165	0.00951419	0.008208321	0.002984844	0.000559658	0.000373105	2.21976E-07	3.11855E-06	0	3.34052E-06	3.340522741	411953.28	3777916
411973.283777916.13	411973.28	3777916.1	0.016884837	0.014774233	0.028704223	0.012663628	0.010764084	0.009286661	0.003376967	0.000633181	0.000422121	2.51138E-07	3.52823E-06	0	3.77937E-06	3.779372323	411973.28	3777916
411993.283777916.13	411993.28	3777916.1	0.018814208	0.016462432	0.031984153	0.014110656	0.011994057	0.010347814	0.003762842	0.000705533	0.000470355	2.79834E-07	3.93139E-06	0	4.21123E-06	4.211227746	411993.28	3777916
412013.283777916.13	412013.28	3777916.1	0.020633406	0.01805423	0.03507679	0.015475054	0.013153796	0.011348373	0.004126681	0.000773753	0.000515835	3.06892E-07	4.31153E-06	0	4.61842E-06	4.618423121	412013.28	3777916
412033.283777916.13	412033.28	3777916.1	0.022314713	0.019525374	0.037935012	0.016736035	0.014225629	0.012273092	0.004462943	0.000836802	0.000557868	3.31899E-07	4.66285E-06	0	4.99475E-06	4.994753953	412033.28	3777916
412053.283777916.13	412053.28	3777916.1	0.023833836	0.020854607	0.040517521	0.017875377	0.015194071	0.01310861	0.004766767	0.000893769	0.000595846	3.54494E-07	4.98029E-06	0	5.33478E-06	5.334782848	412053.28	3777916
412073.283777916.13	412073.28	3777916.1	0.025150356	0.022006561	0.042755605	0.018862767	0.016033352	0.013832696	0.005030071	0.000943138	0.000628759	3.74075E-07	5.25539E-06	0	5.62946E-06	5.629462524	412073.28	3777916
412093.283777916.13	412093.28	3777916.1	0.026337653	0.023045446	0.044777401	0.01975324	0.016790254	0.014485709	0.005267531	0.000987662	0.000658441	3.91734E-07	5.50348E-06	0	5.89522E-06	5.895217972	412093.28	3777916
412113.283777916.13	412113.28	3777916.1	0.027285757	0.023875037	0.046385787	0.020464318	0.01739467	0.015007166	0.005457151	0.001023216	0.000682144	4.05836E-07	5.7016E-06	0	6.10743E-06	6.107434267	412113.28	3777916
412133.283777916.13	412133.28	3777916.1	0.027968057	0.02447205	0.047545697	0.020976043	0.017829636	0.015382431	0.005593611	0.001048802	0.000699201	4.15984E-07	5.84417E-06	0	6.26016E-06	6.260155095	412133.28	3777916
412153.283777916.13	412153.28	3777916.1	0.028500975	0.024938353	0.048451657	0.021375731	0.018169371	0.015675536	0.005700195	0.001068787	0.000712524	4.23911E-07	5.95553E-06	0	6.37944E-06	6.379439334	412153.28	3777916
412173.283777916.13	412173.28	3777916.1	0.028785124	0.025186983	0.04893471	0.021588843	0.018350516	0.015831818	0.005757025	0.001079442	0.000719628	4.28137E-07	6.0149E-06	0	6.44304E-06	6.443041049	412173.28	3777916
412193.283777916.13	412193.28	3777916.1	0.028540588	0.024973015	0.048519	0.021405441	0.018194625	0.015697324	0.005708118	0.001070272	0.000713515	4.245E-07	5.96381E-06	0	6.38831E-06	6.388306121	412193.28	3777916
412213.283777916.13	412213.28	3777916.1	0.028365704	0.024819991	0.048221697	0.021274278	0.018083136	0.015601137	0.005673141	0.000709143	0.000726606	4.21899E-07	5.92726E-06	0	6.34916E-06	6.349161398	412213.28	3777916
412233.283777916.13	412233.28	3777916.1	0.027945982	0.024452735	0.04750817	0.020959487	0.017815564	0.01537029	0.005589196	0.001047974	0.00069865	4.15656E-07	5.83956E-06	0	6.25521E-06	6.25521406	412233.28	3777916
412273.283777916.13	412273.28	3777916.1	0.026454478	0.023147668	0.044972612	0.019840858	0.016864729	0.014549963	0.005290896	0.000992043	0.000661362	3.93472E-07	5.5279E-06	0	5.92137E-06	5.921367099	412273.28	3777916
412293.283777916.13	412293.28	3777916.1	0.025245005	0.022089379	0.042916509	0.018933754	0.016093691	0.013884753	0.005049001	0.000946688	0.000631125	3.75483E-07	5.27517E-06	0	5.65065E-06	5.650648055	412293.28	3777916
412313.283777916.13	412313.28	3777916.1	0.02388867	0.020902586	0.040610739	0.017916503	0.015229027	0.013138769	0.004777734	0.000895825	0.000597217	3.55309E-07	4.99175E-06	0	5.34706E-06	5.347056467	412313.28	3777916
412333.283777916.13	412333.28	3777916.1	0.022405128	0.019604487	0.038088718	0.014803846	0.012322821	0.004481026	0.000481026	0.000560128	0.0005460128	3.33244E-07	4.68175E-06	0	5.01499E-06	5.014991888	412333.28	3777916
412353.283777916.13	412353.28	3777916.1	0.020849012	0.018242886	0.035443321	0.015636759	0.013291245	0.011466957	0.004169802	0.000781838	0.000521225	3.10099E-07	4.35658E-06	0	4.66668E-06	4.666682812	412353.28	3777916
412373.283777916.13	412373.28	3777916.1	0.019346017	0.016927765	0.032888228	0.014509513	0.012333086	0.010640309	0.003869203	0.000725476	0.00048365	2.87744E-07	4.04252E-06	0	4.33026E-06	4.330263805	412373.28	3777916
412393.283777916.13	412393.28	3777916.1	0.017899669	0.015662211	0.030429438	0.013424752	0.011411039	0.009844818	0.003579934	0.000671238	0.000447492	2.66232E-07	3.74029E-06	0	4.00652E-06	4.00652453	412393.28	3777916
412413.283777916.13	412413.28	3777916.1	0.016521965	0.01445672	0.028087341	0.012391474	0.010532753	0.009087081	0.003304393	0.000619574	0.000413049	2.4574E-07	3.45241E-06	0	3.69815E-06	3.698149841	412413.28	3777916
412433.283777916.13	412433.28	3777916.1	0.015240523	0.013335458	0.025908889	0.011430392	0.009715834	0.008382288	0.003048105	0.00057152	0.000381013	2.26681E-07	3.18464E-06	0	3.41132E-06	3.411321671	412433.28	3777916
412453.283777916.13	412453.28	3777916.1	0.014064415	0.012306363	0.023909505	0.010548311	0.008966064	0.007735428	0.002812883	0.000527416	0.00035161	2.09188E-07	2.93888E-06	0	3.14807E-06	3.148070583	412453.28	3777916
412473.283777916.13	412473.28	3777916.1	0.012990616	0.011366789	0.022084047	0.009742962	0.008281518	0.007144839	0.002598123	0.000487148	0.000324765	1.93217E-07	2.7145E-06	0	2.90772E-06	2.907719723	412473.28	3777916
411913.283777956.13	411913.28	3777956.1	0.007721412	0.006756236	0.013126401	0.005791059	0.0049224	0.004246777	0.001544282	0.000289553	0.000193035	1.14845E-07	1.61346E-06	0	1.7283E-06	1.728301602	411913.28	3777956
411933.283777956.13	411933.28	3777956.1	0.008574565	0.007502744	0.01457676	0.006430923	0.005466285	0.004716011	0.001714913	0.000321546	0.000214364	1.27534E-07	1.79173E-06	0	1.91926E-06	1.919264682	411933.28	3777956
411953.283777956.13	411953.28	3777956.1	0.009512387	0.008323339	0.016171058	0.00713429	0.006064147	0.005231813	0.001902477	0.000356715	0.00023781	1.41483E-07	1.9877E-06	0	2.12918E-06	2.129179673	411953.28	3777956
411973.283777956.13	411973.28	3777956.1	0.010506253	0.009192972	0.01786063	0.00787969	0.006697736	0.005778439	0.002101251	0.000393984	0.000262656	1.56265E-07	2.19537E-06	0	2.35164E-06	2.351639026	411973.28	3777956
411993.283777956.13	411993.28	3777956.1	0.011551224	0.010107321	0.01963708	0.008663418	0.007363905	0.006353173	0.002310245	0.000433171	0.000288781	1.71808E-07	2.41373E-06	0	2.58554E-06	2.585537212	411993.28	3777956
412013.283777956.13	412013.28	3777956.1	0.012583695	0.011010733	0.021392282	0.009437772	0.008022106	0.006921032	0.002516739	0.000471889	0.000314592	1.87164E-07	2.62947E-06	0	2.81664E-06	2.816637734	412013.28	3777956
412033.283777956.13	412033.28	3777956.1	0.013579678	0.011882218	0.023085453	0.010184759	0.008657045	0.007468823	0.002715936	0.000509238	0.000339492	2.01978E-07	2.83759E-06	0	3.03957E-06	3.039570885	412033.28	3777956
412053.283777956.13	412053.28	3777956.1	0.014538769	0.012721423	0.024715907	0.010904077	0.009268465	0.007996323	0.002907754	0.000545204	0.000363469	2.16243E-07	3.038E-06	0	3.25425E-06	3.254246416	412053.28	3777956
412073.283777956.13	412073.28	3777956.1	0.015413895	0.013487158	0.026203622	0.011560422	0.009826358	0.008477642	0.003082779	0.000578021	0.000385347	2.29259E-07	3.22087E-06	0	3.45013E-06	3.450127968	412073.28	3777956
412093.283777956.13	412093.28	3777956.1	0.016202537	0.01417722	0.027544313	0.012151903	0.010329117	0.008911395	0.003240507	0.000607595	0.000405063	2.40989E-07	3.38566E-06	0	3.62665E-06	3.626651495	4	

412073.283777976.13	412073.28	3777976.1	0.012445502	0.010889814	0.021157353	0.009334126	0.007934007	0.006845026	0.0024891	0.000466706	0.000311138	1.85109E-07	2.6006E-06	0	2.78571E-06	2.785705506	412073.28	3777976
412093.283777976.13	412093.28	3777976.1	0.013094236	0.011457457	0.022260201	0.009820677	0.008347576	0.00720183	0.002618847	0.000491034	0.000327356	1.94758E-07	2.73616E-06	0	2.93091E-06	2.930913254	412093.28	3777976
412113.283777976.13	412113.28	3777976.1	0.013674529	0.011965213	0.023246699	0.010255897	0.008717512	0.007520991	0.002734906	0.000512795	0.000341863	2.03389E-07	2.85741E-06	0	3.0608E-06	3.060801539	412113.28	3777976
412133.283777976.13	412133.28	3777976.1	0.014170252	0.012398971	0.024089429	0.010627689	0.009033536	0.007793639	0.00283405	0.000531384	0.000354256	2.10762E-07	2.961E-06	0	3.17176E-06	3.171760474	412133.28	3777976
412153.283777976.13	412153.28	3777976.1	0.014593502	0.012769314	0.024808954	0.010945127	0.009303358	0.008026426	0.0029187	0.000547256	0.000364838	2.17057E-07	3.04944E-06	0	3.2665E-06	3.266497474	412153.28	3777976
412173.283777976.13	412173.28	3777976.1	0.014912729	0.013048638	0.025351639	0.011184547	0.009506865	0.008202001	0.002982546	0.000559227	0.000372818	2.21805E-07	3.11615E-06	0	3.33795E-06	3.337950696	412173.28	3777976
412193.283777976.13	412193.28	3777976.1	0.014901641	0.013038936	0.02533279	0.011176231	0.009499796	0.008195903	0.002980328	0.000558812	0.000372541	2.2164E-07	3.11383E-06	0	3.33547E-06	3.335468898	412193.28	3777976
412213.283777976.13	412213.28	3777976.1	0.015051124	0.013169734	0.025586911	0.011288343	0.009595092	0.008278118	0.003010225	0.000564417	0.000376278	2.23864E-07	3.14506E-06	0	3.36893E-06	3.368928048	412213.28	3777976
412233.283777976.13	412233.28	3777976.1	0.015090839	0.013204484	0.025654425	0.011318129	0.00962041	0.008299961	0.003018168	0.000565906	0.000377271	2.24454E-07	3.15336E-06	0	3.37782E-06	3.377817398	412233.28	3777976
412273.283777976.13	412273.28	3777976.1	0.014945589	0.013077739	0.025407501	0.011209192	0.009527813	0.008220074	0.002989118	0.00056046	0.00037364	2.22294E-07	3.12301E-06	0	3.34531E-06	3.345305843	412273.28	3777976
412293.283777976.13	412293.28	3777976.1	0.014682608	0.012847282	0.024960433	0.011011956	0.009360162	0.008075434	0.002936522	0.000550598	0.000367065	2.18383E-07	3.06806E-06	0	3.28644E-06	3.286442106	412293.28	3777976
412313.283777976.13	412313.28	3777976.1	0.014365397	0.012569722	0.024421175	0.010774048	0.009157941	0.007900968	0.002873079	0.000538702	0.000359135	2.13664E-07	3.00178E-06	0	3.21544E-06	3.215440119	412313.28	3777976
412333.283777976.13	412333.28	3777976.1	0.013989018	0.012240391	0.023781331	0.010491763	0.008917999	0.00769396	0.002797804	0.000524588	0.000349725	2.08066E-07	2.92313E-06	0	3.13119E-06	3.131194356	412333.28	3777976
412353.283777976.13	412353.28	3777976.1	0.013523534	0.011833092	0.022990008	0.01014265	0.008621253	0.007437944	0.002704707	0.000507133	0.000338088	2.01143E-07	2.82586E-06	0	3.027E-06	3.027003962	412353.28	3777976
412373.283777976.13	412373.28	3777976.1	0.013024887	0.011396776	0.022142308	0.009768665	0.008303366	0.007163688	0.002604977	0.000488433	0.000325622	1.93726E-07	2.72166E-06	0	2.91539E-06	2.915390735	412373.28	3777976
412393.283777976.13	412393.28	3777976.1	0.012474632	0.010915303	0.021206875	0.009355974	0.007952578	0.006861048	0.002494926	0.000467799	0.000311866	1.85542E-07	2.60668E-06	0	2.79223E-06	2.792225866	412393.28	3777976
412413.283777976.13	412413.28	3777976.1	0.011910467	0.010421659	0.020247794	0.00893285	0.007592923	0.006550757	0.002382093	0.000446643	0.000297762	1.77151E-07	2.4888E-06	0	2.66595E-06	2.665947469	412413.28	3777976
412433.283777976.13	412433.28	3777976.1	0.011335819	0.009918842	0.019270892	0.008501864	0.007226585	0.0062347	0.002267164	0.000425093	0.000283395	1.68604E-07	2.36872E-06	0	2.53732E-06	2.537322644	412433.28	3777976
412453.283777976.13	412453.28	3777976.1	0.010768428	0.009422375	0.018306328	0.008076321	0.006864873	0.005922636	0.002153686	0.000403816	0.000269211	1.60165E-07	2.25016E-06	0	2.41032E-06	2.410322269	412453.28	3777976
412473.283777976.13	412473.28	3777976.1	0.010201541	0.008926349	0.017342621	0.007651156	0.006503483	0.005610848	0.002040308	0.000382558	0.000255039	1.51733E-07	2.1317E-06	0	2.28343E-06	2.283434703	412473.28	3777976
412265.323777635.3	412265.32	3777635.3	0.022186498	0.019413186	0.037717047	0.016639874	0.014143893	0.012202574	0.0044373	0.000831994	0.000554662	3.29992E-07	4.63606E-06	0	4.96606E-06	4.966055343	412265.32	3777635
412285.323777635.3	412285.32	3777635.3	0.019934877	0.017443018	0.033889291	0.014951158	0.012708484	0.010964183	0.003986975	0.000747558	0.000498372	2.96502E-07	4.16557E-06	0	4.46207E-06	4.462069843	412285.32	3777635
412305.323777635.3	412305.32	3777635.3	0.017880619	0.015645541	0.030397052	0.013410464	0.011398894	0.00983434	0.003576124	0.000670523	0.000447015	2.65948E-07	3.73631E-06	0	4.00226E-06	4.00226035	412305.32	3777635
412325.323777635.3	412325.32	3777635.3	0.015932298	0.013940761	0.027084907	0.011949224	0.01015684	0.008762764	0.00318646	0.000597461	0.000398307	2.3697E-07	3.32919E-06	0	3.56616E-06	3.566163308	412325.32	3777635
412345.323777635.3	412345.32	3777635.3	0.014206338	0.012430546	0.024150775	0.010654754	0.00905654	0.007813486	0.002841268	0.000552738	0.000355158	2.11299E-07	2.96854E-06	0	3.17984E-06	3.179837598	412345.32	3777635
412365.323777635.3	412365.32	3777635.3	0.012720579	0.011130506	0.021624984	0.009540434	0.008109369	0.006996318	0.002544116	0.000477022	0.000318014	1.892E-07	2.65808E-06	0	2.84728E-06	2.847276659	412365.32	3777635
412385.323777635.3	412385.32	3777635.3	0.01143329	0.010004129	0.019436594	0.008574968	0.007288723	0.00628831	0.002286658	0.000428748	0.000285832	1.70054E-07	2.38909E-06	0	2.55914E-06	2.559139905	412385.32	3777635
412405.323777635.3	412405.32	3777635.3	0.01031	0.00902125	0.017527	0.0077325	0.006572625	0.0056705	0.002062	0.000386625	0.00025775	1.53346E-07	2.15436E-06	0	2.30771E-06	2.307711201	412405.32	3777635
412425.323777635.3	412425.32	3777635.3	0.009335185	0.008168287	0.015869814	0.007001388	0.00595118	0.005134352	0.001867037	0.000350069	0.00023338	1.38847E-07	1.95067E-06	0	2.08952E-06	2.089516028	412425.32	3777635
412445.323777635.3	412445.32	3777635.3	0.008271062	0.00723718	0.014060806	0.006203297	0.005272802	0.004549084	0.001654212	0.000310165	0.000206777	1.2302E-07	1.72831E-06	0	1.85133E-06	1.8513311	412445.32	3777635
412465.323777635.3	412465.32	3777635.3	0.007547838	0.006604359	0.012831325	0.005660879	0.004811747	0.004151311	0.001509568	0.000283044	0.000188696	1.12263E-07	1.57719E-06	0	1.68945E-06	1.689450182	412465.32	3777635
412485.323777635.3	412485.32	3777635.3	0.006921179	0.006056031	0.011766004	0.005190884	0.004412251	0.003806648	0.001384236	0.000259544	0.000173029	1.02943E-07	1.44624E-06	0	1.54918E-06	1.549183468	412485.32	3777635
412265.323777655.3	412265.32	3777655.3	0.035926042	0.031435286	0.061074271	0.026944531	0.022902851	0.019759323	0.007185208	0.001347227	0.000898151	5.34348E-07	7.50706E-06	0	8.04141E-06	8.041409243	412265.32	3777655
412285.323777655.3	412285.32	3777655.3	0.029743509	0.02602557	0.050563965	0.022307632	0.018961487	0.01635893	0.005948702	0.001115382	0.000743588	4.42392E-07	6.21517E-06	0	6.65756E-06	6.657558648	412285.32	3777655
412305.323777655.3	412305.32	3777655.3	0.024819538	0.024819538	0.042193214	0.013650746	0.015822455	0.013650746	0.004963908	0.000930733	0.000620488	3.69155E-07	5.18626E-06	0	5.55541E-06	5.555414695	412305.32	3777655
412325.323777655.3	412325.32	3777655.3	0.021063107	0.018430218	0.035807282	0.01579733	0.013427731	0.011584709	0.004212621	0.000789867	0.000526578	3.13283E-07	4.40132E-06	0	4.7146E-06	4.714604076	412325.32	3777655
412345.323777655.3	412345.32	3777655.3	0.018118905	0.015854041	0.030802138	0.013589178	0.011550802	0.009965397	0.003623781	0.000679459	0.000452973	2.69492E-07	3.7861E-06	0	4.0556E-06	4.055596446	412345.32	3777655
412365.323777655.3	412365.32	3777655.3	0.015786242	0.013812962	0.026836612	0.011839682	0.01006673	0.008682433	0.003157248	0.000591984	0.000394656	2.34798E-07	3.29867E-06	0	3.53347E-06	3.533471259	412365.32	3777655
412385.323777655.3	412385.32	3777655.3	0.013606289	0.011905503	0.023130691	0.010204717	0.008674009	0.007483459	0.002721258	0.000510236	0.000340157	2.03274E-07	2.84315E-06	0	3.0455272	3.0455272	412385.32	3777655
412405.323777655.3	412405.32	3777655.3	0.012076279	0.010566744	0.020529675	0.00905721	0.007698628	0.006641954	0.002415256	0.00045286	0.000301907	1.79617E-07	2.52344E-06	0	2.70306E-06	2.703061631	412405.32	3777655
412425.323777655.3	412425.32	3777655.3	0.010790906	0.009442043	0.01834454	0.00809318	0.006879203	0.005934998	0.002158181	0.000404659	0.000269773	1.60499E-07	2.25485E-06	0	2.41535E-06	2.415353551	412425.32	3777655
412445.323777655.3	412445.32	3777655.3	0.00970854	0.008494972	0.016504517	0.007281405	0.006189194	0.005339697	0.001941708	0.00036407	0.000242713	1.444E-07	2.02868E-06	0	2.17308E-06	2.173084937	412445.32	3777655
412465.323777655.3																		

412465.323777715.3	412465.32	3777715.3	0.012657983	0.011075735	0.021518572	0.009493488	0.008069464	0.006961891	0.002531597	0.000474674	0.00031645	1.88269E-07	2.645E-06	0	2.83327E-06	2.833265781	412465.32	3777715
412485.323777715.3	412485.32	3777715.3	0.011245202	0.009839551	0.019116843	0.008433901	0.007168816	0.006184861	0.00224904	0.000421695	0.00028113	1.67256E-07	2.34978E-06	0	2.51704E-06	2.517039586	412485.32	3777715
412265.323777735.3	412265.32	3777735.3	0.123255926	0.107848935	0.209535074	0.092441944	0.078575653	0.067790759	0.024651185	0.004622097	0.003081398	1.83325E-06	2.57554E-05	0	2.75887E-05	27.58865988	412265.32	3777735
412285.323777735.3	412285.32	3777735.3	0.082854765	0.07249792	0.140853101	0.062141074	0.052819913	0.045570121	0.016570953	0.003107054	0.002071369	1.23234E-06	1.73132E-05	0	1.85456E-05	18.54557438	412285.32	3777735
412305.323777735.3	412305.32	3777735.3	0.060372123	0.052825608	0.10263261	0.045279093	0.038487229	0.033204668	0.012074425	0.002263955	0.001509303	8.97948E-07	1.26153E-05	0	1.35132E-05	13.51323247	412305.32	3777735
412325.323777735.3	412325.32	3777735.3	0.046417477	0.040615293	0.078909712	0.034813108	0.029591142	0.025529613	0.009283495	0.001740655	0.001160437	6.90393E-07	9.69934E-06	0	1.03897E-05	10.38973168	412325.32	3777735
412345.323777735.3	412345.32	3777735.3	0.036697245	0.03211009	0.062385317	0.027522934	0.023394494	0.020183485	0.007339449	0.001376147	0.000917431	5.45818E-07	7.66821E-06	0	8.21403E-06	8.214029578	412345.32	3777735
412365.323777735.3	412365.32	3777735.3	0.029875957	0.026141463	0.050789127	0.022406968	0.019045923	0.016431777	0.005975191	0.001120348	0.000746899	4.44362E-07	6.24284E-06	0	6.6872E-06	6.687204854	412365.32	3777735
412385.323777735.3	412385.32	3777735.3	0.024813792	0.021712068	0.042183447	0.018610344	0.015818792	0.013647586	0.004962758	0.000930517	0.000620345	3.69069E-07	5.18506E-06	0	5.55413E-06	5.554128672	412385.32	3777735
412405.323777735.3	412405.32	3777735.3	0.021067038	0.018433658	0.035813965	0.015800278	0.013430237	0.011586871	0.004213408	0.000790014	0.000526676	3.13342E-07	4.40214E-06	0	4.71548E-06	4.715483986	412405.32	3777735
412425.323777735.3	412425.32	3777735.3	0.018066288	0.015808002	0.03071269	0.013549716	0.011517259	0.009936458	0.003613258	0.000677486	0.000451657	2.6871E-07	3.77511E-06	0	4.04382E-06	4.043819186	412425.32	3777735
412445.323777735.3	412445.32	3777735.3	0.015704999	0.013741874	0.026698499	0.01177875	0.010011937	0.00863775	0.003141	0.000588937	0.000392625	2.33589E-07	3.2817E-06	0	3.51529E-06	3.515286448	412445.32	3777735
412465.323777735.3	412465.32	3777735.3	0.013792664	0.012068581	0.023447529	0.010334498	0.008792823	0.007585965	0.002758533	0.000517225	0.000344817	2.05146E-07	2.8821E-06	0	3.08724E-06	3.087243969	412465.32	3777735
412485.323777735.3	412485.32	3777735.3	0.01223433	0.010705039	0.020798361	0.009175748	0.007799386	0.006728882	0.002446866	0.000458787	0.000305858	1.81968E-07	2.55647E-06	0	2.73844E-06	2.738438534	412485.32	3777735
412265.323777755.3	412265.32	3777755.3	0.130063203	0.113805303	0.221107445	0.097547402	0.082915292	0.071534762	0.026012641	0.00487737	0.00325158	1.9345E-06	2.71778E-05	0	2.91123E-05	29.11234851	412265.32	3777755
412285.323777755.3	412285.32	3777755.3	0.088640356	0.077560312	0.150688606	0.066480267	0.056508227	0.048752196	0.017728071	0.003324013	0.002216009	1.3184E-06	1.85222E-05	0	1.98406E-05	19.8405766	412285.32	3777755
412305.323777755.3	412305.32	3777755.3	0.065197111	0.057047473	0.110835089	0.048897834	0.041563159	0.035858411	0.013039422	0.002444892	0.001629928	9.69713E-07	1.36235E-05	0	1.45932E-05	14.59322073	412305.32	3777755
412325.323777755.3	412325.32	3777755.3	0.05016907	0.043897936	0.085287419	0.037626802	0.031982782	0.027592988	0.010033814	0.00188134	0.001254227	7.46192E-07	1.04833E-05	0	1.12295E-05	11.22945934	412325.32	3777755
412345.323777755.3	412345.32	3777755.3	0.039692451	0.034730895	0.067477167	0.029769338	0.025303938	0.021830848	0.00793849	0.001488467	0.000992311	5.90368E-07	8.29409E-06	0	8.88445E-06	8.88445348	412345.32	3777755
412365.323777755.3	412365.32	3777755.3	0.032302966	0.028265095	0.054915043	0.024227225	0.020593141	0.017766631	0.006460593	0.001211361	0.000807574	4.8046E-07	6.74999E-06	0	7.23045E-06	7.230447886	412365.32	3777755
412385.323777755.3	412385.32	3777755.3	0.02681483	0.023462976	0.04558521	0.020111122	0.017094454	0.014748156	0.005362966	0.001005556	0.000670371	3.98832E-07	5.60319E-06	0	6.00203E-06	6.002025535	412385.32	3777755
412405.323777755.3	412405.32	3777755.3	0.022683633	0.019848179	0.038562176	0.017012725	0.014460816	0.012475998	0.004536727	0.000850636	0.000567091	3.37386E-07	4.73994E-06	0	5.07733E-06	5.077330143	412405.32	3777755
412425.323777755.3	412425.32	3777755.3	0.0194829	0.017047538	0.03312093	0.014612175	0.012420349	0.010715595	0.00389658	0.000730609	0.000487073	2.8978E-07	4.07112E-06	0	4.3609E-06	4.36090273	412425.32	3777755
412445.323777755.3	412445.32	3777755.3	0.016917496	0.014802809	0.028759743	0.012688122	0.010784904	0.009304623	0.003383499	0.000634406	0.000422937	2.51623E-07	3.53506E-06	0	3.78668E-06	3.786682346	412445.32	3777755
412465.323777755.3	412465.32	3777755.3	0.01298981	0.01298981	0.025237344	0.011134123	0.009464004	0.008165023	0.002969099	0.000556706	0.000371137	2.20805E-07	3.1021E-06	0	3.3229E-06	3.322901975	412465.32	3777755
412485.323777755.3	412485.32	3777755.3	0.013139998	0.011497499	0.022337997	0.009854999	0.008376749	0.007226999	0.002628	0.00049275	0.0003285	1.95438E-07	2.74572E-06	0	2.94116E-06	2.941156311	412485.32	3777755
412265.323777775.3	412265.32	3777775.3	0.130834407	0.114480106	0.222418492	0.098125805	0.083406934	0.071958924	0.026166881	0.00490629	0.00327086	1.94597E-06	2.7339E-05	0	2.9285E-05	29.28496885	412265.32	3777775
412285.323777775.3	412285.32	3777775.3	0.090333658	0.079041951	0.153567219	0.067750244	0.057587707	0.049683512	0.018066732	0.003387512	0.002258341	1.34358E-06	1.8876E-05	0	2.02196E-05	20.21959229	412285.32	3777775
412305.323777775.3	412305.32	3777775.3	0.066916822	0.05855222	0.113758598	0.050187617	0.042659474	0.036804252	0.013383364	0.002509381	0.001672921	9.95291E-07	1.39829E-05	0	1.49781E-05	14.97814761	412305.32	3777775
412325.323777775.3	412325.32	3777775.3	0.05181419	0.045337417	0.088084124	0.038860643	0.033031546	0.028497805	0.010362838	0.001943032	0.001295355	7.70661E-07	1.0827E-05	0	1.15977E-05	11.59769048	412325.32	3777775
412465.323777775.3	412465.32	3777775.3	0.015625672	0.013672463	0.026563642	0.011719254	0.009961366	0.008594119	0.003125134	0.000585963	0.000390642	2.32409E-07	3.26512E-06	0	3.49753E-06	3.497530311	412465.32	3777775
412485.323777775.3	412485.32	3777775.3	0.013818367	0.012091071	0.023491225	0.010363776	0.008809209	0.007600102	0.002763673	0.000518189	0.000345459	2.05528E-07	2.88747E-06	0	3.093E-06	3.092997228	412485.32	3777775
412265.323777795.3	412265.32	3777795.3	0.125015956	0.109388961	0.212527125	0.093761967	0.079697672	0.068758776	0.025003191	0.004688098	0.003125399	1.85943E-06	2.61232E-05	0	2.79826E-05	27.98261148	412265.32	3777795
412285.323777795.3	412285.32	3777795.3	0.0869655	0.076094813	0.147841351	0.065224125	0.055440506	0.047831026	0.0173931	0.003261206	0.002174138	1.29349E-06	1.81722E-05	0	1.94657E-05	19.46568973	412285.32	3777795
412305.323777795.3	412305.32	3777795.3	0.065154575	0.057010253	0.110762777	0.048865931	0.041536041	0.035835015	0.013030915	0.002443297	0.001628864	9.6908E-07	1.36146E-05	0	1.45837E-05	14.58369965	412305.32	3777795
412325.323777795.3	412325.32	3777795.3	0.051027867	0.044649384	0.086747374	0.0382709	0.032530265	0.028065327	0.010205573	0.001913545	0.001275697	7.58966E-07	1.06627E-05	0	1.14217E-05	11.42168588	412325.32	3777795
412345.323777795.3	412345.32	3777795.3	0.041145955	0.036002711	0.069948124	0.030859466	0.026230546	0.022630275	0.008229191	0.001542973	0.001028649	6.11987E-07	8.59781E-06	0	9.20979E-06	9.209794643	412345.32	3777795
412365.323777795.3	412365.32	3777795.3	0.03399526	0.029745853	0.057791942	0.025496445	0.021671978	0.018697393	0.006799052	0.001274822	0.000849882	5.0563E-07	7.10361E-06	0	7.60924E-06	7.609237955	412365.32	3777795
412385.323777795.3	412385.32	3777795.3	0.028572642	0.025001062	0.048573492	0.021429482	0.018215059	0.015714953	0.005714528	0.001071474	0.000714316	4.24977E-07	5.7105E-06	0	6.39548E-06	6.395480774	412385.32	3777795
412405.323777795.3	412405.32	3777795.3	0.024354255	0.021309973	0.041402234	0.018265691	0.015525838	0.01339484	0.004870851	0.000913285	0.000608856	3.62234E-07	5.08904E-06	0	5.45127E-06	5.451269424	412405.32	3777795
412425.323777795.3	412425.32	3777795.3	0.02100797	0.018381974	0.03571355	0.015755978	0.013392581	0.011554384	0.004201594	0.000787799	0.000525199	3.12463E-07	4.3898E-06	0	4.70226E-06	4.702262771	412425.32	3777795
412445.323777795.3	412445.32	3777795.3	0.01831163	0.016022676	0.031129771	0.013733722	0.011673664	0.010071396	0.003662326	0.000686686	0.000457791	2.72359E-07	3.82638E-06	0	4.09873E-06	4.098734608	412445.32	3777795
412465.323777795.3	412465.32																	

412261.973778024.79	412261.97	3778024.8	0.009952773	0.008708676	0.016919713	0.007464579	0.006344893	0.005474025	0.001990555	0.000373229	0.000248819	1.48033E-07	2.07972E-06	0	2.22775E-06	2.22775218	412261.97	3778025
412281.973778024.79	412281.97	3778024.8	0.009887355	0.008651435	0.016808503	0.007415516	0.006303189	0.005438045	0.001977471	0.000370776	0.000247184	1.4706E-07	2.06605E-06	0	2.21311E-06	2.213109571	412281.97	3778025
412301.973778024.79	412301.97	3778024.8	0.009806616	0.008580789	0.016671247	0.007354962	0.006251718	0.005393639	0.001961323	0.000367748	0.000245165	1.45859E-07	2.04918E-06	0	2.19504E-06	2.195037569	412301.97	3778025
412321.973778024.79	412321.97	3778024.8	0.009761458	0.008541276	0.016594479	0.007321094	0.00622293	0.005368802	0.001952292	0.000366055	0.000244036	1.45188E-07	2.03974E-06	0	2.18493E-06	2.184929882	412321.97	3778025
412341.973778024.79	412341.97	3778024.8	0.00966822	0.008459693	0.016435975	0.007251165	0.006163491	0.005317521	0.001933644	0.000362558	0.000241706	1.43801E-07	2.02026E-06	0	2.16406E-06	2.164060217	412341.97	3778025
412361.973778024.79	412361.97	3778024.8	0.00952408	0.00833357	0.016190935	0.00714306	0.006071601	0.005238244	0.001904816	0.000357153	0.000238102	1.41657E-07	1.99014E-06	0	2.1318E-06	2.131796842	412361.97	3778025
412261.973778044.79	412261.97	3778044.8	0.008489995	0.007428746	0.014432992	0.006367496	0.005412372	0.004669497	0.001697999	0.000318375	0.00021225	1.26276E-07	1.77406E-06	0	1.90034E-06	1.900335331	412261.97	3778045
412281.973778044.79	412281.97	3778044.8	0.008503704	0.007440741	0.014456296	0.006377778	0.005421111	0.004677037	0.001700741	0.000318889	0.000212593	1.2648E-07	1.77692E-06	0	1.9034E-06	1.903403736	412281.97	3778045
412301.973778044.79	412301.97	3778044.8	0.008478504	0.007418691	0.014413457	0.006358878	0.005405046	0.004663177	0.001695701	0.000317944	0.000211963	1.26105E-07	1.77166E-06	0	1.89776E-06	1.897763286	412301.97	3778045
412321.973778044.79	412321.97	3778044.8	0.008456732	0.00739964	0.014376444	0.006342549	0.005391167	0.004651203	0.001691346	0.000317127	0.000211418	1.25782E-07	1.76711E-06	0	1.89289E-06	1.892889937	412321.97	3778045
412341.973778044.79	412341.97	3778044.8	0.00840845	0.007357394	0.014294365	0.006306337	0.005360387	0.004624647	0.00168169	0.000315317	0.000210211	1.25064E-07	1.75702E-06	0	1.88208E-06	1.882082835	412341.97	3778045
412361.973778044.79	412361.97	3778044.8	0.008329324	0.007288158	0.01415985	0.006246993	0.005309944	0.004581128	0.001665865	0.00031235	0.000208233	1.23887E-07	1.74049E-06	0	1.86437E-06	1.864371821	412361.97	3778045

Andres Duarte School Site Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)	Wt. Trip Length (mi)	Modeled Trip Length (mi)
Demolition	2026	0.0200		10	0.000251994		
Site Preparation	2026	0.0000		10	0		
Grading	2026	0.0000		10	0		
Building Construction I	2026	0.0000		10	0		
Building Construction II	2027	0.0000		10	0		
Building Construction III	2028	0.0000		10	0		
Paving	2026	0.0000		10	0		
Architectural Coating I	2027	0.0000		10	0		
Architectural Coating II	2028	0.0000		10	0		

Risk Summary			
Maximum Risk, Uncontrolled		0.020	
UTM X		412273.28	
UTM Y		#N/A	

AERMOD Column Identifier: 5 5 5 5 5 5 5 5 5 5 5

			Demolition	Site Preparation	Grading	Building Construction I	Building Construction II	Building Construction III	Paving	Architectural Coating I	Architectural Coating II	Child Risk						
Unique Identifier	X (UTM)	Y (UTM)	2026	2026	2026	2026	2027	2028	2026	2027	2028	3rd Trimester	0<2	2<16	Total	per million	X(UTM)	Y(UTM)
411893.283777816.1	411893.28	3777816.1	0.000162473	0	0	0	0	0	0	0	0	8.71704E-10	0	0	8.71704E-10	0.000871704	411893.28	3777816.13
411913.283777816.1	411913.28	3777816.1	0.000182242	0	0	0	0	0	0	0	0	9.77769E-10	0	0	9.77769E-10	0.000977769	411913.28	3777816.13
411933.283777816.1	411933.28	3777816.1	0.000205834	0	0	0	0	0	0	0	0	1.10434E-09	0	0	1.10434E-09	0.001104343	411933.28	3777816.13
411953.283777816.1	411953.28	3777816.1	0.000234304	0	0	0	0	0	0	0	0	1.25709E-09	0	0	1.25709E-09	0.001257092	411953.28	3777816.13
411973.283777816.1	411973.28	3777816.1	0.000269032	0	0	0	0	0	0	0	0	1.44341E-09	0	0	1.44341E-09	0.001443412	411973.28	3777816.13
411993.283777816.1	411993.28	3777816.1	0.000311518	0	0	0	0	0	0	0	0	1.67136E-09	0	0	1.67136E-09	0.00167136	411993.28	3777816.13
412013.283777816.1	412013.28	3777816.1	0.000362229	0	0	0	0	0	0	0	0	1.94344E-09	0	0	1.94344E-09	0.001943437	412013.28	3777816.13
412033.283777816.1	412033.28	3777816.1	0.000418512	0	0	0	0	0	0	0	0	2.24541E-09	0	0	2.24541E-09	0.002245406	412033.28	3777816.13
412053.283777816.1	412053.28	3777816.1	0.000470275	0	0	0	0	0	0	0	0	2.52312E-09	0	0	2.52312E-09	0.002523121	412053.28	3777816.13
412073.283777816.1	412073.28	3777816.1	0.000509377	0	0	0	0	0	0	0	0	2.73291E-09	0	0	2.73291E-09	0.002732912	412073.28	3777816.13
412093.283777816.1	412093.28	3777816.1	0.000538918	0	0	0	0	0	0	0	0	2.89141E-09	0	0	2.89141E-09	0.002891407	412093.28	3777816.13
412113.283777816.1	412113.28	3777816.1	0.000569906	0	0	0	0	0	0	0	0	3.05766E-09	0	0	3.05766E-09	0.003057663	412113.28	3777816.13
412133.283777816.1	412133.28	3777816.1	0.000613468	0	0	0	0	0	0	0	0	3.29138E-09	0	0	3.29138E-09	0.003291384	412133.28	3777816.13
412153.283777816.1	412153.28	3777816.1	0.000684057	0	0	0	0	0	0	0	0	3.67011E-09	0	0	3.67011E-09	0.003670107	412153.28	3777816.13
412173.283777816.1	412173.28	3777816.1	0.000807342	0	0	0	0	0	0	0	0	4.33156E-09	0	0	4.33156E-09	0.00433156	412173.28	3777816.13
412193.283777816.1	412193.28	3777816.1	0.001038106	0	0	0	0	0	0	0	0	5.56966E-09	0	0	5.56966E-09	0.005569657	412193.28	3777816.13
412213.283777816.1	412213.28	3777816.1	0.001533182	0	0	0	0	0	0	0	0	8.22584E-09	0	0	8.22584E-09	0.008225843	412213.28	3777816.13
412233.283777816.1	412233.28	3777816.1	0.002928057	0	0	0	0	0	0	0	0	1.57096E-08	0	0	1.57096E-08	0.015709638	412233.28	3777816.13
412273.283777816.1	412273.28	3777816.1	0.003469243	0	0	0	0	0	0	0	0	1.86132E-08	0	0	1.86132E-08	0.018613213	412273.28	3777816.13
412293.283777816.1	412293.28	3777816.1	0.00176796	0	0	0	0	0	0	0	0	9.48548E-09	0	0	9.48548E-09	0.009485477	412293.28	3777816.13
412313.283777816.1	412313.28	3777816.1	0.001172933	0	0	0	0	0	0	0	0	6.29303E-09	0	0	6.29303E-09	0.006293033	412313.28	3777816.13
412333.283777816.1	412333.28	3777816.1	0.000869598	0	0	0	0	0	0	0	0	4.66557E-09	0	0	4.66557E-09	0.004665573	412333.28	3777816.13
412353.283777816.1	412353.28	3777816.1	0.000684266	0	0	0	0	0	0	0	0	3.67123E-09	0	0	3.67123E-09	0.003671229	412353.28	3777816.13
412373.283777816.1	412373.28	3777816.1	0.000558583	0	0	0	0	0	0	0	0	2.99692E-09	0	0	2.99692E-09	0.002996917	412373.28	3777816.13
412393.283777816.1	412393.28	3777816.1	0.00046712	0	0	0	0	0	0	0	0	2.50619E-09	0	0	2.50619E-09	0.002506194	412393.28	3777816.13
412413.283777816.1	412413.28	3777816.1	0.000397612	0	0	0	0	0	0	0	0	2.13327E-09	0	0	2.13327E-09	0.002133271	412413.28	3777816.13
412433.283777816.1	412433.28	3777816.1	0.000342957	0	0	0	0	0	0	0	0	1.84004E-09	0	0	1.84004E-09	0.001840035	412433.28	3777816.13
412453.283777816.1	412453.28	3777816.1	0.000299158	0	0	0	0	0	0	0	0	1.60504E-09	0	0	1.60504E-09	0.001605044	412453.28	3777816.13
412473.283777816.1	412473.28	3777816.1	0.000263319	0	0	0	0	0	0	0	0	1.41276E-09	0	0	1.41276E-09	0.001412762	412473.28	3777816.13
411893.283777836.1	411893.28	3777836.1	0.000164517	0	0	0	0	0	0	0	0	8.82669E-10	0	0	8.82669E-10	0.000882669	411893.28	3777836.13
411913.283777836.1	411913.28	3777836.1	0.000182749	0	0	0	0	0	0	0	0	9.80486E-10	0	0	9.80486E-10	0.000980486	411913.28	3777836.13
411933.283777836.1	411933.28	3777836.1	0.000203669	0	0	0	0	0	0	0	0	1.09273E-09	0	0	1.09273E-09	0.001092729	411933.28	3777836.13
411953.283777836.1	411953.28	3777836.1	0.000227748	0	0	0	0	0	0	0	0	1.22191E-09	0	0	1.22191E-09	0.001221913	411953.28	3777836.13
411973.283777836.1	411973.28	3777836.1	0.000255487	0	0	0	0	0	0	0	0	1.37074E-09	0	0	1.37074E-09	0.001370742	411973.28	3777836.13
411993.283777836.1	411993.28	3777836.1	0.000287251	0	0	0	0	0	0	0	0	1.54116E-09	0	0	1.54116E-09	0.001541162	411993.28	3777836.13
412013.283777836.1	412013.28	3777836.1	0.00032245	0	0	0	0	0	0	0	0	1.73001E-09	0	0	1.73001E-09	0.001730009	412013.28	3777836.13
412033.283777836.1	412033.28	3777836.1	0.000359672	0	0	0	0	0	0	0	0	1.92971E-09	0	0	1.92971E-09	0.001929714	412033.28	3777836.13
412053.283777836.1	412053.28	3777836.1	0.000395659	0	0	0	0	0	0	0	0	2.12279E-09	0	0	2.12279E-09	0.002122793	412053.28	3777836.13
412073.283777836.1	412073.28	3777836.1	0.000429353	0	0	0	0	0	0	0	0	2.30357E-09	0	0	2.30357E-09	0.00230357	412073.28	3777836.13
412093.283777836.1	412093.28	3777836.1	0.00046371	0	0	0	0	0	0	0	0	2.4879E-09	0	0	2.4879E-09	0.002487902	412093.28	3777836.13
412113.283777836.1	412113.28	3777836.1	0.000504647	0	0	0	0	0	0	0	0	2.70753E-09	0	0	2.70753E-09	0.002707535	412113.28	3777836.13
412133.283777836.1	412133.28	3777836.1	0.000558818	0	0	0	0	0	0	0	0	2.99817E-09	0	0	2.99817E-09	0.002998175	412133.28	3777836.13
412153.283777836.1	412153.28	3777836.1	0.000638355	0	0	0	0	0	0	0	0	3.42491E-09	0	0	3.42491E-09	0.003424907	412153.28	3777836.13
412173.283777836.1	412173.28	3777836.1	0.000768701	0	0	0	0	0	0	0	0	4.12424E-09	0	0	4.12424E-09	0.004124244	412173.28	3777836.13
412193.283777836.1	412193.28	3777836.1	0.001004273	0	0	0	0	0										

[illegible]

[illegible]

412321.973777984.7ۯ	412321.97	3777984.8	0.001033913	0	0	0	0	0	0	0	0	5.54716E-09	0	0	5.54716E-09	0.00554716	412321.97	3777984.79
412341.973777984.7ۯ	412341.97	3777984.8	0.000775256	0	0	0	0	0	0	0	0	4.15941E-09	0	0	4.15941E-09	0.00415941	412341.97	3777984.79
412361.973777984.7ۯ	412361.97	3777984.8	0.000614902	0	0	0	0	0	0	0	0	3.29908E-09	0	0	3.29908E-09	0.003299076	412361.97	3777984.79
412261.973778004.7ۯ	412261.97	3778004.8	0.002324424	0	0	0	0	0	0	0	0	1.2471E-08	0	0	1.2471E-08	0.012471024	412261.97	3778004.79
412281.973778004.7ۯ	412281.97	3778004.8	0.002764417	0	0	0	0	0	0	0	0	1.48317E-08	0	0	1.48317E-08	0.014831675	412281.97	3778004.79
412301.973778004.7ۯ	412301.97	3778004.8	0.001532053	0	0	0	0	0	0	0	0	8.21979E-09	0	0	8.21979E-09	0.008219786	412301.97	3778004.79
412321.973778004.7ۯ	412321.97	3778004.8	0.001038983	0	0	0	0	0	0	0	0	5.57436E-09	0	0	5.57436E-09	0.005574362	412321.97	3778004.79
412341.973778004.7ۯ	412341.97	3778004.8	0.000775208	0	0	0	0	0	0	0	0	4.15915E-09	0	0	4.15915E-09	0.004159153	412341.97	3778004.79
412361.973778004.7ۯ	412361.97	3778004.8	0.000613347	0	0	0	0	0	0	0	0	3.29073E-09	0	0	3.29073E-09	0.003290735	412361.97	3778004.79
412261.973778024.7ۯ	412261.97	3778024.8	0.002556778	0	0	0	0	0	0	0	0	1.37177E-08	0	0	1.37177E-08	0.013717651	412261.97	3778024.79
412281.973778024.7ۯ	412281.97	3778024.8	0.002807032	0	0	0	0	0	0	0	0	1.50603E-08	0	0	1.50603E-08	0.015060312	412281.97	3778024.79
412301.973778024.7ۯ	412301.97	3778024.8	0.001539641	0	0	0	0	0	0	0	0	8.26049E-09	0	0	8.26049E-09	0.008260494	412301.97	3778024.79
412321.973778024.7ۯ	412321.97	3778024.8	0.00103608	0	0	0	0	0	0	0	0	5.55879E-09	0	0	5.55879E-09	0.005558787	412321.97	3778024.79
412341.973778024.7ۯ	412341.97	3778024.8	0.000770027	0	0	0	0	0	0	0	0	4.13136E-09	0	0	4.13136E-09	0.004131356	412341.97	3778024.79
412361.973778024.7ۯ	412361.97	3778024.8	0.000607213	0	0	0	0	0	0	0	0	3.25783E-09	0	0	3.25783E-09	0.003257827	412361.97	3778024.79
412261.973778044.7ۯ	412261.97	3778044.8	0.001922949	0	0	0	0	0	0	0	0	1.0317E-08	0	0	1.0317E-08	0.010317026	412261.97	3778044.79
412281.973778044.7ۯ	412281.97	3778044.8	0.00280876	0	0	0	0	0	0	0	0	1.50696E-08	0	0	1.50696E-08	0.015069587	412281.97	3778044.79
412301.973778044.7ۯ	412301.97	3778044.8	0.001504311	0	0	0	0	0	0	0	0	8.07094E-09	0	0	8.07094E-09	0.008070944	412301.97	3778044.79
412321.973778044.7ۯ	412321.97	3778044.8	0.001008819	0	0	0	0	0	0	0	0	5.41253E-09	0	0	5.41253E-09	0.005412527	412321.97	3778044.79
412341.973778044.7ۯ	412341.97	3778044.8	0.000750565	0	0	0	0	0	0	0	0	4.02694E-09	0	0	4.02694E-09	0.004026941	412341.97	3778044.79
412361.973778044.7ۯ	412361.97	3778044.8	0.000592512	0	0	0	0	0	0	0	0	3.17895E-09	0	0	3.17895E-09	0.003178951	412361.97	3778044.79

Andres Duarte School Site Project
Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

Cancer Risk Summary

Max Risk: 42.37437
School Risk: 8.506511

XY	X	Y	Offroad Risk	Haul Risk	Total Risk
411893.283777816.13	411893.28	3777816.1	11.33919993	0.000871704	11.340072
411913.283777816.13	411913.28	3777816.1	20.6933901	0.000977769	20.694368
411933.283777816.13	411933.28	3777816.1	27.17307151	0.001104343	27.174176
411953.283777816.13	411953.28	3777816.1	31.19344899	0.001257092	31.194706
411973.283777816.13	411973.28	3777816.1	33.94097993	0.001443412	33.942423
411993.283777816.13	411993.28	3777816.1	35.97501649	0.00167136	35.976688
412013.283777816.13	412013.28	3777816.1	37.54294881	0.001943437	37.544892
412033.283777816.13	412033.28	3777816.1	38.80155885	0.002245406	38.803804
412053.283777816.13	412053.28	3777816.1	39.80476931	0.002523121	39.807292
412073.283777816.13	412073.28	3777816.1	40.6828069	0.002732912	40.68554
412093.283777816.13	412093.28	3777816.1	41.45320214	0.002891407	41.456094
412113.283777816.13	412113.28	3777816.1	42.06891368	0.003057663	42.071971
412133.283777816.13	412133.28	3777816.1	42.32650175	0.003291384	42.329793
412153.283777816.13	412153.28	3777816.1	42.37070032	0.003670107	42.37437
412173.283777816.13	412173.28	3777816.1	42.16816304	0.00433156	42.172495
412193.283777816.13	412193.28	3777816.1	41.6275823	0.005569657	41.633152
412213.283777816.13	412213.28	3777816.1	40.46016705	0.008225843	40.468393
412233.283777816.13	412233.28	3777816.1	37.9672686	0.015709638	37.982978
412273.283777816.13	412273.28	3777816.1	20.60334595	0.018613213	20.621959
412293.283777816.13	412293.28	3777816.1	15.4486514	0.009485477	15.458137
412313.283777816.13	412313.28	3777816.1	12.1671052	0.006293033	12.173398
412333.283777816.13	412333.28	3777816.1	9.881685061	0.004665573	9.8863506
412353.283777816.13	412353.28	3777816.1	8.197356408	0.003671229	8.2010276
412373.283777816.13	412373.28	3777816.1	6.909280656	0.002996917	6.9122776
412393.283777816.13	412393.28	3777816.1	5.90746903	0.002506194	5.9099752
412413.283777816.13	412413.28	3777816.1	5.103050595	0.002133271	5.1051839
412433.283777816.13	412433.28	3777816.1	4.455098247	0.001840035	4.4569383
412453.283777816.13	412453.28	3777816.1	3.919661598	0.001605044	3.9212666
412473.283777816.13	412473.28	3777816.1	3.474359342	0.001412762	3.4757721
411893.283777836.13	411893.28	3777836.1	7.279474679	0.000882669	7.2803573
411913.283777836.13	411913.28	3777836.1	10.69309765	0.000980486	10.694078
411933.283777836.13	411933.28	3777836.1	14.09415371	0.001092729	14.095246
411953.283777836.13	411953.28	3777836.1	16.69512319	0.001221913	16.696345
411973.283777836.13	411973.28	3777836.1	18.58462886	0.001370742	18.586
411993.283777836.13	411993.28	3777836.1	20.07835542	0.001541162	20.079897
412013.283777836.13	412013.28	3777836.1	21.22115574	0.001733009	21.222886
412033.283777836.13	412033.28	3777836.1	22.19756278	0.001929714	22.199492
412053.283777836.13	412053.28	3777836.1	22.92231549	0.002122793	22.924438
412073.283777836.13	412073.28	3777836.1	23.4459072	0.00230357	23.448211
412093.283777836.13	412093.28	3777836.1	23.76436701	0.002487902	23.766855
412113.283777836.13	412113.28	3777836.1	24.06640183	0.002707535	24.069109
412133.283777836.13	412133.28	3777836.1	24.20147933	0.002998175	24.204478
412153.283777836.13	412153.28	3777836.1	24.05446664	0.003424907	24.057892
412173.283777836.13	412173.28	3777836.1	23.85427579	0.004124244	23.8584
412193.283777836.13	412193.28	3777836.1	23.42449605	0.005388137	23.429884
412213.283777836.13	412213.28	3777836.1	22.62939564	0.008054395	22.63745
412233.283777836.13	412233.28	3777836.1	21.16407438	0.015475404	21.17955
412273.283777836.13	412273.28	3777836.1	15.94167186	0.018614687	15.960287
412293.283777836.13	412293.28	3777836.1	13.01748202	0.009451825	13.026934
412313.283777836.13	412313.28	3777836.1	10.73416013	0.00626099	10.740421
412333.283777836.13	412333.28	3777836.1	8.992908055	0.00464244	8.9975505
412353.283777836.13	412353.28	3777836.1	7.640170183	0.003655762	7.6438259
412373.283777836.13	412373.28	3777836.1	6.553932299	0.002990103	6.5569224
412393.283777836.13	412393.28	3777836.1	5.678872867	0.002506357	5.6813792
412413.283777836.13	412413.28	3777836.1	4.961497859	0.002138815	4.9636367
412433.283777836.13	412433.28	3777836.1	4.370604304	0.001850013	4.3724543
412453.283777836.13	412453.28	3777836.1	3.876275256	0.001618118	3.8778934
412473.283777836.13	412473.28	3777836.1	3.458814261	0.001427877	3.4602421
411893.283777876.13	411893.28	3777876.1	3.56957014	0.000943009	3.5705131
411913.283777876.13	411913.28	3777876.1	4.343101469	0.001035526	4.344137
411933.283777876.13	411933.28	3777876.1	5.298074799	0.001134452	5.2992093
411953.283777876.13	411953.28	3777876.1	6.29805892	0.001240057	6.299299
411973.283777876.13	411973.28	3777876.1	7.231034493	0.001352422	7.2323869
411993.283777876.13	411993.28	3777876.1	8.05390848	0.00147125	8.0553797
412013.283777876.13	412013.28	3777876.1	8.789964659	0.001596918	8.7915616
412033.283777876.13	412033.28	3777876.1	9.403984059	0.001728238	9.4057123
412053.283777876.13	412053.28	3777876.1	9.921619448	0.001867995	9.9234874

Max GLC for Chronic Calcs

Max GLC: 0.857251
School GLC: 0.173545

XY	X	Y	2026	2027	2028	Max
411893.283777816.13	411893.28	3777816.1	0.229396	0.0341951	0.029129126	0.229396
411913.283777816.13	411913.28	3777816.1	0.4185204	0.062404	0.053158987	0.4185204
411933.283777816.13	411933.28	3777816.1	0.5495374	0.0819445	0.069804558	0.5495374
411953.283777816.13	411953.28	3777816.1	0.6308419	0.0940685	0.080132454	0.6308419
411973.283777816.13	411973.28	3777816.1	0.6864208	0.1023541	0.087190552	0.6864208
411993.283777816.13	411993.28	3777816.1	0.7275834	0.1084881	0.092415762	0.7275834
412013.283777816.13	412013.28	3777816.1	0.7593315	0.1132164	0.096443604	0.7593315
412033.283777816.13	412033.28	3777816.1	0.7848318	0.1170119	0.099676831	0.7848318
412053.283777816.13	412053.28	3777816.1	0.8051645	0.1200373	0.102253965	0.8051645
412073.283777816.13	412073.28	3777816.1	0.8229541	0.1226851	0.104509545	0.8229541
412093.283777816.13	412093.28	3777816.1	0.8385579	0.1250084	0.106488604	0.8385579
412113.283777816.13	412113.28	3777816.1	0.8510362	0.1268651	0.108070297	0.8510362
412133.283777816.13	412133.28	3777816.1	0.8562871	0.1276419	0.108732012	0.8562871
412153.283777816.13	412153.28	3777816.1	0.8572512	0.1277752	0.108845553	0.8572512
412173.283777816.13	412173.28	3777816.1	0.85328	0.1271644	0.108325258	0.85328
412193.283777816.13	412193.28	3777816.1	0.8425824	0.1255342	0.106936567	0.8425824
412213.283777816.13	412213.28	3777816.1	0.819477	0.1220137	0.103937608	0.819477
412233.283777816.13	412233.28	3777816.1	0.7704753	0.114496	0.097533633	0.7704753
412273.283777816.13	412273.28	3777816.1	0.419987	0.0621325	0.052927673	0.419987
412293.283777816.13	412293.28	3777816.1	0.3140783	0.0465877	0.039685844	0.3140783
412313.283777816.13	412313.28	3777816.1	0.2471434	0.0366917	0.031255922	0.2471434
412333.283777816.13	412333.28	3777816.1	0.200638	0.0297997	0.025384935	0.200638
412353.283777816.13	412353.28	3777816.1	0.1664022	0.0247204	0.021058085	0.1664022
412373.283777816.13	412373.28	3777816.1	0.1402368	0.020836	0.017749163	0.1402368
412393.283777816.13	412393.28	3777816.1	0.1198927	0.0178149	0.015175622	0.1198927
412413.283777816.13	412413.28	3777816.1	0.103561	0.015389	0.013109162	0.103561
412433.283777816.13	412433.28	3777816.1	0.0904073	0.013435	0.011446465	0.0904073
412453.283777816.13	412453.28	3777816.1	0.0795391	0.0118203	0.010069169	0.0795391
412473.283777816.13	412473.28	3777816.1	0.0705011	0.0104775	0.008925238	0.0705011
411893.283777836.13	411893.28	3777836.1	0.1473266	0.0219523	0.018700015	0.1473266
411913.283777836.13	411913.28	3777836.1	0.2163547	0.0322466	0.027469363	0.2163547
411933.283777836.13	411933.28	3777836.1	0.2851314	0.042503	0.036206292	0.2851314
411953.283777836.13	411953.28	3777836.1	0.3377368	0.0503467	0.04288789	0.3377368
411973.283777836.13	411973.28	3777836.1	0.3759628	0.0560447	0.047741817	0.3759628
411993.283777836.13	411993.28	3777836.1	0.4061918	0.0605493	0.051579032	0.4061918
412013.283777836.13	412013.28	3777836.1	0.4293299	0.0639956	0.054514757	0.4293299
412033.283777836.13	412033.28	3777836.1	0.4491062	0.0669401	0.057023037	0.4491062
412053.283777836.13	412053.28	3777836.1	0.4637938	0.0691257	0.058884845	0.4637938
412073.283777836.13	412073.28	3777836.1	0.4744124	0.0707047	0.060229893	0.4744124
412093.283777836.13	412093.28	3777836.1	0.4808848	0.071665	0.06104798	0.4808848
412113.283777836.13	412113.28	3777836.1	0.4870317	0.0725759	0.061823873	0.4870317
412133.283777836.13	412133.28	3777836.1	0.4898166	0.0729832	0.062170872	0.4898166
412153.283777836.13	412153.28	3777836.1	0.4869241	0.0725399	0.061793213	0.4869241
412173.283777836.13	412173.28	3777836.1	0.4830074	0.0719362	0.061278946	0.4830074
412193.283777836.13	412193.28	3777836.1	0.4745545	0.0706401	0.06017489	0.4745545
412213.283777836.13	412213.28	3777836.1	0.458977	0.0682423	0.058132367	0.458977
412233.283777836.13	412233.28	3777836.1	0.4307379	0.0638234	0.054368121	0.4307379
412273.283777836.13	412273.28	3777836.1	0.3257468	0.0480745	0.040953258	0.3257468
412293.283777836.13	412293.28	3777836.1	0.2649234	0.0392562	0.033440444	0.2649234
412313.283777836.13	412313.28	3777836.1	0.218169	0.0323705	0.027574847	0.218169
412333.283777836.13	412333.28	3777836.1	0.1826661	0.0271195	0.0231011767	0.1826661
412353.283777836.13	412353.28	3777836.1	0.1551353	0.0230401	0.019626736	0.1551353
412373.283777836.13	412373.28	3777836.1	0.1330518	0.0197644	0.016836313	0.1330518
412393.283777836.13	412393.28	3777836.1	0.1152714	0.0171255	0.014588384	0.1152714
412413.283777836.13	412413.28	3777836.1	0.1007004	0.0149621	0.012745529	0.1007004
412433.283777836.13	412433.28	3777836.1	0.0887011	0.0131802	0.01122759	0.0887011
412453.283777836.13	412453.28	3777836.1	0.0786645	0.0116895	0.009957714	0.0786645
412473.283777836.13	412473.28	3777836.1	0.0701896	0.0104306	0.008885304	0.0701896
411893.283777876.13	411893.28	3777876.1	0.0723383	0.0107646	0.009169823	0.0723383
411913.283777876.13	411913.28	3777876.1	0.0879933	0.0130973	0.011156938	0.0879933
411933.283777876.13	411933.28	3777876.1	0.1073175	0.0159771	0.013610157	0.1073175
411953.283777876.13	411953.28	3777876.1	0.1275529	0.0189927	0.016179003	0.1275529
411973.283777876.13	411973.28	3777876.1	0.1464349	0.0218063	0.018575713	0.1464349
411993.283777876.13	411993.28	3777876.1	0.1630922	0.0242878	0.020689583	0.1630922
412013.283777876.13	412013.28	3777876.1	0.1779958	0.0265075	0.022580428	0.1779958
412033.283777876.13	412033.28	3777876.1	0.1904333	0.0283591	0.024157775	0.1904333
412053.283777876.13	412053.28	3777876.1	0.2009239	0.0299201	0.025487522	0.2009239

412073.283777876.13	412073.28	3777876.1	10.34332206	0.002022083	10.345344		412073.283777876.13	412073.28	3777876.1	0.2094778	0.0311918	0.026570828	0.2094778
412093.283777876.13	412093.28	3777876.1	10.72328534	0.002205914	10.725491		412093.283777876.13	412093.28	3777876.1	0.2171934	0.0323377	0.027546911	0.2171934
412113.283777876.13	412113.28	3777876.1	10.9706078	0.002434552	10.973042		412113.283777876.13	412113.28	3777876.1	0.2222359	0.0330835	0.028182255	0.2222359
412133.283777876.13	412133.28	3777876.1	11.12957825	0.002743903	11.132322		412133.283777876.13	412133.28	3777876.1	0.2255073	0.0335629	0.028590632	0.2255073
412153.283777876.13	412153.28	3777876.1	11.21975776	0.003196527	11.222954		412153.283777876.13	412153.28	3777876.1	0.2274147	0.0338349	0.028822293	0.2274147
412173.283777876.13	412173.28	3777876.1	11.20540846	0.003912926	11.209321		412173.283777876.13	412173.28	3777876.1	0.2272581	0.0337916	0.028785431	0.2272581
412193.283777876.13	412193.28	3777876.1	11.0831235	0.005177684	11.088301		412193.283777876.13	412193.28	3777876.1	0.2250218	0.0334228	0.028471295	0.2250218
412213.283777876.13	412213.28	3777876.1	10.81605947	0.007805775	10.823865		412213.283777876.13	412213.28	3777876.1	0.2201126	0.0326175	0.027785238	0.2201126
412233.283777876.13	412233.28	3777876.1	10.46134284	0.01502566	10.476368		412233.283777876.13	412233.28	3777876.1	0.2142874	0.0315478	0.026874011	0.2142874
412273.283777876.13	412273.28	3777876.1	9.305028003	0.013520989	9.318549		412273.283777876.13	412273.28	3777876.1	0.1906308	0.0280607	0.023903568	0.1906308
412293.283777876.13	412293.28	3777876.1	8.497022242	0.009488749	8.506511	School Receptor	412293.283777876.13	412293.28	3777876.1	0.1735446	0.025624	0.021827892	0.1735446
412313.283777876.13	412313.28	3777876.1	7.665055849	0.006238926	7.6712948		412313.283777876.13	412313.28	3777876.1	0.1561198	0.0231151	0.019690604	0.1561198
412333.283777876.13	412333.28	3777876.1	6.869526764	0.0046101	6.8741369		412333.283777876.13	412333.28	3777876.1	0.1397338	0.0207161	0.017640674	0.1397338
412353.283777876.13	412353.28	3777876.1	6.145360654	0.003627167	6.1489878		412353.283777876.13	412353.28	3777876.1	0.1249108	0.0185323	0.015786739	0.1249108
412373.283777876.13	412373.28	3777876.1	5.497227811	0.002967362	5.5001952		412373.283777876.13	412373.28	3777876.1	0.1116852	0.0165777	0.014121759	0.1116852
412393.283777876.13	412393.28	3777876.1	4.920209764	0.002492769	4.9227025		412393.283777876.13	412393.28	3777876.1	0.0999317	0.0148376	0.012639464	0.0999317
412413.283777876.13	412413.28	3777876.1	4.416246827	0.002133217	4.41838		412413.283777876.13	412413.28	3777876.1	0.0896766	0.0133179	0.01134484	0.0896766
412433.283777876.13	412433.28	3777876.1	3.978051538	0.001851784	3.9799033		412433.283777876.13	412433.28	3777876.1	0.0807655	0.0119964	0.010219166	0.0807655
412453.283777876.13	412453.28	3777876.1	3.592831356	0.001625324	3.5944567		412453.283777876.13	412453.28	3777876.1	0.0729357	0.0108347	0.009229579	0.0729357
412473.283777876.13	412473.28	3777876.1	3.255712933	0.001439978	3.2571529		412473.283777876.13	412473.28	3777876.1	0.066086	0.0098181	0.00836356	0.066086
411913.283777896.13	411913.28	3777896.1	3.243913112	0.001099368	3.2450125		411913.283777896.13	411913.28	3777896.1	0.0657839	0.0097825	0.008333247	0.0657839
411933.283777896.13	411933.28	3777896.1	3.822533047	0.001199713	3.8237328		411933.283777896.13	411933.28	3777896.1	0.0775	0.0115274	0.009819657	0.0775
411953.283777896.13	411953.28	3777896.1	4.454962876	0.001303277	4.4562662		411953.283777896.13	411953.28	3777896.1	0.0903046	0.0134346	0.011444297	0.0903046
411973.283777896.13	411973.28	3777896.1	5.083241334	0.001409774	5.0846511		411973.283777896.13	411973.28	3777896.1	0.1030257	0.0153293	0.013058274	0.1030257
411993.283777896.13	411993.28	3777896.1	5.68279862	0.001519651	5.6843183		411993.283777896.13	411993.28	3777896.1	0.1151668	0.0171373	0.014598469	0.1151668
412013.283777896.13	412013.28	3777896.1	6.240165339	0.001634328	6.2417997		412013.283777896.13	412013.28	3777896.1	0.126456	0.0188182	0.016030281	0.126456
412033.283777896.13	412033.28	3777896.1	6.714121082	0.001753764	6.7158748		412033.283777896.13	412033.28	3777896.1	0.1360597	0.0202474	0.01724782	0.1360597
412053.283777896.13	412053.28	3777896.1	7.13663592	0.001883854	7.1385198		412053.283777896.13	412053.28	3777896.1	0.1464255	0.0215216	0.018333213	0.1464255
412073.283777896.13	412073.28	3777896.1	7.505024998	0.00203129	7.5070563		412073.283777896.13	412073.28	3777896.1	0.1521004	0.0226325	0.019279563	0.1521004
412093.283777896.13	412093.28	3777896.1	7.823484812	0.002208713	7.8256935		412093.283777896.13	412093.28	3777896.1	0.1585714	0.0235929	0.020097651	0.1585714
412113.283777896.13	412113.28	3777896.1	8.060496526	0.002433267	8.0629298		412113.283777896.13	412113.28	3777896.1	0.1634047	0.0243076	0.020706507	0.1634047
412133.283777896.13	412133.28	3777896.1	8.231830839	0.002738915	8.2345698		412133.283777896.13	412133.28	3777896.1	0.1669254	0.0248243	0.021146646	0.1669254
412153.283777896.13	412153.28	3777896.1	8.324604963	0.003184372	8.3277893		412153.283777896.13	412153.28	3777896.1	0.168884	0.0251041	0.021384972	0.168884
412173.283777896.13	412173.28	3777896.1	8.354228607	0.003891781	8.3581204		412173.283777896.13	412173.28	3777896.1	0.1696147	0.0251934	0.021461072	0.1696147
412193.283777896.13	412193.28	3777896.1	8.245367919	0.005136638	8.2505046		412193.283777896.13	412193.28	3777896.1	0.167646	0.0248651	0.021181421	0.167646
412213.283777896.13	412213.28	3777896.1	8.155301212	0.00771945	8.1630207		412213.283777896.13	412213.28	3777896.1	0.1663066	0.0255935	0.02095005	0.1663066
412233.283777896.13	412233.28	3777896.1	7.974716561	0.014749122	7.9894657		412233.283777896.13	412233.28	3777896.1	0.1639661	0.024049	0.020486148	0.1639661
412273.283777896.13	412273.28	3777896.1	7.351965744	0.013943111	7.3659089		412273.283777896.13	412273.28	3777896.1	0.1512263	0.022171	0.018886371	0.1512263
412293.283777896.13	412293.28	3777896.1	6.887959755	0.009556281	6.897516		412293.283777896.13	412293.28	3777896.1	0.1410283	0.0207717	0.017694392	0.1410283
412313.283777896.13	412313.28	3777896.1	6.386636548	0.006253635	6.3928902		412313.283777896.13	412313.28	3777896.1	0.130278	0.0192599	0.016406549	0.130278
412333.283777896.13	412333.28	3777896.1	5.875702014	0.004607329	5.8803093		412333.283777896.13	412333.28	3777896.1	0.1196421	0.0177191	0.015094016	0.1196421
412353.283777896.13	412353.28	3777896.1	5.371242711	0.003619204	5.3748619		412353.283777896.13	412353.28	3777896.1	0.1092598	0.0161978	0.013798117	0.1092598
412373.283777896.13	412373.28	3777896.1	4.903107919	0.00295825	4.9060662		412373.283777896.13	412373.28	3777896.1	0.0996727	0.0147861	0.012595532	0.0996727
412393.283777896.13	412393.28	3777896.1	4.464867507	0.00248417	4.4673517		412393.283777896.13	412393.28	3777896.1	0.0907249	0.0134645	0.011469741	0.0907249
412413.283777896.13	412413.28	3777896.1	4.064779099	0.002126606	4.0669057		412413.283777896.13	412413.28	3777896.1	0.08257	0.012258	0.010441959	0.08257
412433.283777896.13	412433.28	3777896.1	3.704918381	0.001847296	3.7067657		412433.283777896.13	412433.28	3777896.1	0.075243	0.0111727	0.009517518	0.075243
412453.283777896.13	412453.28	3777896.1	3.392938926	0.001623634	3.3845626		412453.283777896.13	412453.28	3777896.1	0.0686922	0.0102018	0.008690389	0.0686922
412473.283777896.13	412473.28	3777896.1	3.084824734	0.001440478	3.0962652		412473.283777896.13	412473.28	3777896.1	0.0628335	0.0093329	0.007950256	0.0628335
411913.283777916.13	411913.28	3777916.1	2.548242556	0.001200078	2.5494426		411913.283777916.13	411913.28	3777916.1	0.051739	0.0076846	0.006546148	0.051739
411933.283777916.13	411933.28	3777916.1	2.926964939	0.001308306	2.9282732		411933.283777916.13	411933.28	3777916.1	0.0594154	0.0088267	0.007519043	0.0594154
411953.283777916.13	411953.28	3777916.1	3.340522741	0.001415872	3.3419386		411953.283777916.13	411953.28	3777916.1	0.067796	0.0100738	0.008581426	0.067796
411973.283777916.13	411973.28	3777916.1	3.779372323	0.001523166	3.7809855		411973.283777916.13	411973.28	3777916.1	0.0766878	0.0113973	0.009708781	0.0766878
411993.283777916.13	411993.28	3777916.1	4.211227746	0.001630759	4.2128585		411993.283777916.13	411993.28	3777916.1	0.0854382	0.0126996	0.010818169	0.0854382
412013.283777916.13	412013.28	3777916.1	4.618423121	0.001740217	4.6201633		412013.283777916.13	412013.28	3777916.1	0.0936905	0.0139275	0.011864208	0.0936905
412033.283777916.13	412033.28	3777916.1	4.994753953	0.001854948	4.9966089		412033.283777916.13	412033.28	3777916.1	0.1013198	0.0150624	0.01283096	0.1013198
412053.283777916.13	412053.28	3777916.1	5.334782848	0.001793359	5.3367622		412053.283777916.13	412053.28	3777916.1	0.108217	0.0160878	0.013704456	0.108217
412073.283777916.13	412073.28	3777916.1	5.629462524	0.002120103	5.6315826		412073.283777916.13	412073.28	3777916.1	0.1142005	0.0169765	0.014461455	0.1142005
412093.283777916.13	412093.2												

411913.283777956.13	411913.28	3777956.1	1.728301602	0.001599541	1.7299011	411913.283777956.13	411913.28	3777956.1	0.0352375	0.005212	0.004439812	0.0352375
411933.283777956.13	411933.28	3777956.1	1.919264682	0.001754332	1.921019	411933.283777956.13	411933.28	3777956.1	0.0391269	0.0057878	0.004930375	0.0391269
411953.283777956.13	411953.28	3777956.1	2.129179673	0.001894967	2.1310746	411953.283777956.13	411953.28	3777956.1	0.0433967	0.0064209	0.005469623	0.0433967
411973.283777956.13	411973.28	3777956.1	2.351639026	0.002023029	2.3536621	411973.283777956.13	411973.28	3777956.1	0.0479179	0.0070917	0.006041096	0.0479179
411993.283777956.13	411993.28	3777956.1	2.585537212	0.002142722	2.5876799	411993.283777956.13	411993.28	3777956.1	0.0526687	0.0077971	0.006641954	0.0526687
412013.283777956.13	412013.28	3777956.1	2.816637734	0.002257602	2.8188953	412013.283777956.13	412013.28	3777956.1	0.057362	0.008494	0.007235625	0.057362
412033.283777956.13	412033.28	3777956.1	3.039570885	0.002372481	3.0419434	412033.283777956.13	412033.28	3777956.1	0.0618902	0.0091663	0.007808315	0.0618902
412053.283777956.13	412053.28	3777956.1	3.254246416	0.002493323	3.2567397	412053.283777956.13	412053.28	3777956.1	0.0662527	0.0098137	0.008359792	0.0662527
412073.283777956.13	412073.28	3777956.1	3.450127968	0.002626739	3.4527547	412073.283777956.13	412073.28	3777956.1	0.0702375	0.0104044	0.00886299	0.0702375
412093.283777956.13	412093.28	3777956.1	3.626651495	0.002784247	3.6294357	412093.283777956.13	412093.28	3777956.1	0.0738354	0.0109367	0.009316459	0.0738354
412113.283777956.13	412113.28	3777956.1	3.781741312	0.002983492	3.7847248	412113.283777956.13	412113.28	3777956.1	0.0770079	0.0114044	0.009714867	0.0770079
412133.283777956.13	412133.28	3777956.1	3.906169641	0.003252933	3.9094226	412133.283777956.13	412133.28	3777956.1	0.0795735	0.0117796	0.010034509	0.0795735
412153.283777956.13	412153.28	3777956.1	4.011014328	0.003651341	4.0146657	412153.283777956.13	412153.28	3777956.1	0.0817673	0.0120958	0.010303844	0.0817673
412173.283777956.13	412173.28	3777956.1	4.085445708	0.004289594	4.0897353	412173.283777956.13	412173.28	3777956.1	0.083391	0.0123203	0.01049505	0.083391
412193.283777956.13	412193.28	3777956.1	4.079060718	0.005431104	4.0844918	412193.283777956.13	412193.28	3777956.1	0.0834747	0.012301	0.010478647	0.0834747
412213.283777956.13	412213.28	3777956.1	4.106969666	0.007808709	4.1147784	412213.283777956.13	412213.28	3777956.1	0.084482	0.0123852	0.010550342	0.084482
412233.283777956.13	412233.28	3777956.1	4.09611744	0.014233427	4.1103509	412233.283777956.13	412233.28	3777956.1	0.0854601	0.0123525	0.010522464	0.0854601
412273.283777956.13	412273.28	3777956.1	4.00151581	0.014460956	4.0159768	412273.283777956.13	412273.28	3777956.1	0.0835901	0.0120672	0.010279443	0.0835901
412293.283777956.13	412293.28	3777956.1	3.905808652	0.009905368	3.9157174	412293.283777956.13	412293.28	3777956.1	0.0808062	0.0117786	0.010033582	0.0808062
412313.283777956.13	412313.28	3777956.1	3.786140863	0.006372855	3.7925137	412313.283777956.13	412313.28	3777956.1	0.0777285	0.0114177	0.009726169	0.0777285
412333.283777956.13	412333.28	3777956.1	3.649551723	0.004645577	3.6541973	412333.283777956.13	412333.28	3777956.1	0.0746453	0.0110058	0.009375287	0.0746453
412353.283777956.13	412353.28	3777956.1	3.49225085	0.003622922	3.4958738	412353.283777956.13	412353.28	3777956.1	0.0712747	0.0105314	0.008971199	0.0712747
412373.283777956.13	412373.28	3777956.1	3.32960283	0.002946325	3.3325492	412373.283777956.13	412373.28	3777956.1	0.0678605	0.0100409	0.008553374	0.0678605
412393.283777956.13	412393.28	3777956.1	3.158358764	0.002466121	3.1608249	412393.283777956.13	412393.28	3777956.1	0.0643091	0.0095245	0.008113468	0.0643091
412413.283777956.13	412413.28	3777956.1	2.983730429	0.002107435	2.9858379	412413.283777956.13	412413.28	3777956.1	0.060712	0.0089979	0.007664867	0.060712
412433.283777956.13	412433.28	3777956.1	2.814607172	0.001830382	2.8164376	412433.283777956.13	412433.28	3777956.1	0.0572413	0.0084879	0.007230409	0.0572413
412453.283777956.13	412453.28	3777956.1	2.651146928	0.001610168	2.6527571	412453.283777956.13	412453.28	3777956.1	0.0538958	0.0079949	0.006810498	0.0538958
412473.283777956.13	412473.28	3777956.1	2.493710684	0.001430879	2.4951416	412473.283777956.13	412473.28	3777956.1	0.0506796	0.0075202	0.006406062	0.0506796
411913.283777976.13	411913.28	3777976.1	1.457537435	0.002000261	1.4595377	411913.283777976.13	411913.28	3777976.1	0.0298384	0.0043954	0.003744249	0.0298384
411933.283777976.13	411933.28	3777976.1	1.601978082	0.002206807	1.6041849	411933.283777976.13	411933.28	3777976.1	0.0327969	0.004831	0.004115301	0.0327969
411953.283777976.13	411953.28	3777976.1	1.761038775	0.002382418	1.7634212	411953.283777976.13	411953.28	3777976.1	0.0360453	0.0053107	0.00452391	0.0360453
411973.283777976.13	411973.28	3777976.1	1.929552863	0.002533775	1.9320866	411973.283777976.13	411973.28	3777976.1	0.0394802	0.0058189	0.004956804	0.0394802
411993.283777976.13	411993.28	3777976.1	2.104068389	0.002668421	2.1067368	411993.283777976.13	411993.28	3777976.1	0.0430333	0.0063451	0.005405115	0.0430333
412013.283777976.13	412013.28	3777976.1	2.282464546	0.002793062	2.2852576	412013.283777976.13	412013.28	3777976.1	0.046663	0.0068831	0.005863394	0.046663
412033.283777976.13	412033.28	3777976.1	2.455310499	0.002913147	2.4582236	412033.283777976.13	412033.28	3777976.1	0.0501796	0.0074044	0.006307416	0.0501796
412053.283777976.13	412053.28	3777976.1	2.625697217	0.003035517	2.6287327	412053.283777976.13	412053.28	3777976.1	0.0536469	0.0079182	0.00674512	0.0536469
412073.283777976.13	412073.28	3777976.1	2.785705506	0.003167161	2.7888727	412073.283777976.13	412073.28	3777976.1	0.0569062	0.0084007	0.007156163	0.0569062
412093.283777976.13	412093.28	3777976.1	2.930913254	0.003318559	2.9342318	412093.283777976.13	412093.28	3777976.1	0.05987	0.0088386	0.007529186	0.05987
412113.283777976.13	412113.28	3777976.1	3.0608001539	0.003506379	3.0643079	412113.283777976.13	412113.28	3777976.1	0.0625308	0.0092303	0.007862854	0.0625308
412133.283777976.13	412133.28	3777976.1	3.171760474	0.003758433	3.1755189	412133.283777976.13	412133.28	3777976.1	0.0648209	0.0095649	0.008147895	0.0648209
412153.283777976.13	412153.28	3777976.1	3.266497474	0.004128868	3.2706263	412153.283777976.13	412153.28	3777976.1	0.0668052	0.0098506	0.008391264	0.0668052
412173.283777976.13	412173.28	3777976.1	3.337950696	0.00472525	3.3426759	412173.283777976.13	412173.28	3777976.1	0.0683608	0.0100661	0.008574819	0.0683608
412193.283777976.13	412193.28	3777976.1	3.335468898	0.00580208	3.341271	412193.283777976.13	412193.28	3777976.1	0.0685114	0.0100586	0.008568444	0.0685114
412213.283777976.13	412213.28	3777976.1	3.368928048	0.008074175	3.3770022	412213.283777976.13	412213.28	3777976.1	0.0696113	0.0101595	0.008654396	0.0696113
412233.283777976.13	412233.28	3777976.1	3.377817398	0.014270756	3.3920882	412233.283777976.13	412233.28	3777976.1	0.0709459	0.0101863	0.008677232	0.0709459
412273.283777976.13	412273.28	3777976.1	3.345305843	0.014585705	3.3598915	412273.283777976.13	412273.28	3777976.1	0.0703474	0.0100883	0.008593714	0.0703474
412293.283777976.13	412293.28	3777976.1	3.286442106	0.010048572	3.2964907	412293.283777976.13	412293.28	3777976.1	0.0683117	0.0099108	0.008442499	0.0683117
412313.283777976.13	412313.28	3777976.1	3.215400419	0.006423258	3.2218634	412313.283777976.13	412313.28	3777976.1	0.0662006	0.0096966	0.006260103	0.0662006
412333.283777976.13	412333.28	3777976.1	3.131194356	0.00466322	3.1358576	412333.283777976.13	412333.28	3777976.1	0.0641695	0.0094426	0.008043685	0.0641695
412353.283777976.13	412353.28	3777976.1	3.027003962	0.003628127	3.0306321	412353.283777976.13	412353.28	3777976.1	0.0618702	0.0091284	0.007776032	0.0618702
412373.283777976.13	412373.28	3777976.1	2.915390735	0.002944946	2.9183357	412373.283777976.13	412373.28	3777976.1	0.0594865	0.0087918	0.00748931	0.0594865
412393.283777976.13	412393.28	3777976.1	2.792225866	0.002461754	2.7946876	412393.283777976.13	412393.28	3777976.1	0.0569065	0.0084204	0.007172914	0.0569065
412413.283777976.13	412413.28	3777976.1	2.665947469	0.002101918	2.6680494	412413.283777976.13	412413.28	3777976.1	0.0542866	0.0080396	0.006848519	0.0542866
412433.283777976.13	412433.28	3777976.1	2.537322644	0.001823987	2.5391466	412433.283777976.13	412433.28	3777976.1	0.0516345	0.0076517	0.006518096	0.0516345
412453.283777976.13	412453.28	3777976.1	2.410322269	0.001603448	2.4119257	412453.283777976.13	412453.28	3777976.1	0.049026	0.0072687	0.006191846	0.049026
412473.283777976.13	412473.28	3777976.1	2.283434703	0.001424146	2.2848588	412473.283777976.13	412473.28	3777976.1	0.0464274	0.006886	0.005865886	0.0464274
412265.323777635.3	412265.32	3777635.3	4.966055343	0.008345157	4.9744005	412265.323777635.3	412265.32	3777635.3	0.1019493	0.0149759	0.012757236	0.1019493
412285.323777635.3	412285.32	3777635.3	4.462069843	0.005514049	4.4675839	412285.323777635.3	412285.32	3777635.3	0.0912331	0.013456	0.011462554	0.0912331
412305.323777635.3	412305.32	3777635.3	4.00226035	0.003876584	4.0061369	4						

412425.323777655.3	412425.32	3777655.3	2.415353551	0.001283024	2.4166366	412425.323777655.3	412425.32	3777655.3	0.049068	0.0072839	0.006204771	0.049068
412445.323777655.3	412445.32	3777655.3	2.173084937	0.001113118	2.1741981	412445.323777655.3	412445.32	3777655.3	0.0441386	0.0065533	0.00558241	0.0441386
412465.323777655.3	412465.32	3777655.3	1.963824238	0.000976673	1.9648009	412465.323777655.3	412465.32	3777655.3	0.0398828	0.0059222	0.005044843	0.0398828
412485.323777655.3	412485.32	3777655.3	1.784074373	0.000865458	1.7849398	412485.323777655.3	412485.32	3777655.3	0.0362282	0.0053801	0.004583086	0.0362282
412265.323777675.3	412265.32	3777675.3	13.91122263	0.012060299	13.923283	412265.323777675.3	412265.32	3777675.3	0.2834775	0.0419514	0.035736363	0.2834775
412285.323777675.3	412285.32	3777675.3	9.895380074	0.010851919	9.906232	412285.323777675.3	412285.32	3777675.3	0.2020679	0.029841	0.025420116	0.2020679
412265.323777695.3	412265.32	3777695.3	20.37402781	0.012339568	20.386367	412265.323777695.3	412265.32	3777695.3	0.4141818	0.0614409	0.052338581	0.4141818
412285.323777695.3	412285.32	3777695.3	13.41465996	0.011919474	13.426579	412285.323777695.3	412285.32	3777695.3	0.2734127	0.0404539	0.034460749	0.2734127
412305.323777695.3	412305.32	3777695.3	9.833222314	0.007018774	9.8402411	412305.323777695.3	412305.32	3777695.3	0.2000969	0.0296536	0.005246044	0.2000969
412325.323777695.3	412325.32	3777695.3	7.704606685	0.004770069	7.7093768	412325.323777695.3	412325.32	3777695.3	0.1566456	0.0232344	0.019792266	0.1566456
412345.323777695.3	412345.32	3777695.3	6.17990277	0.003539354	6.1834421	412345.323777695.3	412345.32	3777695.3	0.1255928	0.0186364	0.015875474	0.1255928
412365.323777695.3	412365.32	3777695.3	5.133463902	0.002758857	5.1362228	412365.323777695.3	412365.32	3777695.3	0.1042925	0.0154807	0.013187279	0.1042925
412385.323777695.3	412385.32	3777695.3	4.349937695	0.002270746	4.3521647	412385.323777695.3	412385.32	3777695.3	0.0883535	0.0131179	0.0111745	0.0883535
412405.323777695.3	412405.32	3777695.3	3.764323602	0.001843321	3.7661669	412405.323777695.3	412405.32	3777695.3	0.0764432	0.0113519	0.009670123	0.0764432
412425.323777695.3	412425.32	3777695.3	3.267467631	0.001558481	3.2690261	412425.323777695.3	412425.32	3777695.3	0.0663457	0.0098535	0.008393756	0.0663457
412445.323777695.3	412445.32	3777695.3	2.870176887	0.00133732	2.8715142	412445.323777695.3	412445.32	3777695.3	0.0582728	0.0086554	0.007373161	0.0582728
412465.323777695.3	412465.32	3777695.3	2.548987095	0.001162655	2.5501497	412465.323777695.3	412465.32	3777695.3	0.0517471	0.0076869	0.006548061	0.0517471
412485.323777695.3	412485.32	3777695.3	2.280185804	0.001021965	2.2812078	412485.323777695.3	412485.32	3777695.3	0.0462868	0.0068762	0.00585754	0.0462868
412265.323777715.3	412265.32	3777715.3	24.87219654	0.012063571	24.88426	412265.323777715.3	412265.32	3777715.3	0.5050655	0.0750058	0.063893869	0.5050655
412285.323777715.3	412285.32	3777715.3	16.48295202	0.012125262	16.495077	412285.323777715.3	412285.32	3777715.3	0.3354798	0.0497068	0.042342846	0.3354798
412305.323777715.3	412305.32	3777715.3	11.86441609	0.007335738	11.871752	412305.323777715.3	412305.32	3777715.3	0.2412186	0.0357789	0.030478348	0.2412186
412325.323777715.3	412325.32	3777715.3	9.142560477	0.005071174	9.1476317	412325.323777715.3	412325.32	3777715.3	0.1857714	0.0275708	0.023486207	0.1857714
412345.323777715.3	412345.32	3777715.3	7.272051846	0.003790732	7.2758426	412345.323777715.3	412345.32	3777715.3	0.1477185	0.02193	0.018681081	0.1477185
412365.323777715.3	412365.32	3777715.3	5.964911374	0.002964956	5.9678763	412365.323777715.3	412365.32	3777715.3	0.1211394	0.0179881	0.015323185	0.1211394
412385.323777715.3	412385.32	3777715.3	4.994460649	0.002396628	4.9986573	412385.323777715.3	412385.32	3777715.3	0.1014148	0.0150615	0.012830206	0.1014148
412405.323777715.3	412405.32	3777715.3	4.264473595	0.001984118	4.2664577	412405.323777715.3	412405.32	3777715.3	0.0865805	0.0128602	0.010954952	0.0865805
412425.323777715.3	412425.32	3777715.3	3.678363142	0.001675416	3.6800386	412425.323777715.3	412425.32	3777715.3	0.0746742	0.0110927	0.0094493	0.0746742
412445.323777715.3	412445.32	3777715.3	3.216116974	0.001435881	3.2175529	412445.323777715.3	412445.32	3777715.3	0.0652847	0.0096987	0.008261842	0.0652847
412465.323777715.3	412465.32	3777715.3	2.833265781	0.001246087	2.8345119	412465.323777715.3	412465.32	3777715.3	0.0575096	0.0085441	0.00727834	0.0575096
412485.323777715.3	412485.32	3777715.3	2.517039586	0.001092878	2.5181325	412485.323777715.3	412485.32	3777715.3	0.0510882	0.0075905	0.006465991	0.0510882
412265.323777735.3	412265.32	3777735.3	27.58865988	0.012156669	27.600817	412265.323777735.3	412265.32	3777735.3	0.5599989	0.0831977	0.070872157	0.5599989
412285.323777735.3	412285.32	3777735.3	18.54557438	0.012090246	18.557665	412285.323777735.3	412285.32	3777735.3	0.3771713	0.055927	0.04764149	0.3771713
412305.323777735.3	412305.32	3777735.3	13.51323247	0.007421509	13.520654	412305.323777735.3	412305.32	3777735.3	0.2745671	0.0407512	0.034713971	0.2745671
412325.323777735.3	412325.32	3777735.3	10.38973168	0.00520152	10.394933	412325.323777735.3	412325.32	3777735.3	0.2110086	0.0313318	0.02669005	0.2110086
412345.323777735.3	412345.32	3777735.3	8.214029578	0.003936275	8.2179659	412345.323777735.3	412345.32	3777735.3	0.1667887	0.0247706	0.021100916	0.1667887
412365.323777735.3	412365.32	3777735.3	6.687204854	0.003104091	6.6903089	412365.323777735.3	412365.32	3777735.3	0.1357673	0.0201663	0.017178675	0.1357673
412385.323777735.3	412385.32	3777735.3	5.554128672	0.002523067	5.5566517	412385.323777735.3	412385.32	3777735.3	0.1127527	0.0167493	0.01426793	0.1127527
412405.323777735.3	412405.32	3777735.3	4.715483986	0.002094577	4.7175786	412405.323777735.3	412405.32	3777735.3	0.0957187	0.0142203	0.012113547	0.0957187
412425.323777735.3	412425.32	3777735.3	4.043819186	0.001770921	4.0455901	412425.323777735.3	412425.32	3777735.3	0.08208	0.0121947	0.010388116	0.08208
412445.323777735.3	412445.32	3777735.3	3.515286448	0.001519205	3.5168057	412445.323777735.3	412445.32	3777735.3	0.0713483	0.0106009	0.009030375	0.0713483
412465.323777735.3	412465.32	3777735.3	3.087243969	0.001319095	3.0885631	412465.323777735.3	412465.32	3777735.3	0.0626577	0.00931	0.007930782	0.0626577
412485.323777735.3	412485.32	3777735.3	2.738438534	0.001156814	2.7395953	412485.323777735.3	412485.32	3777735.3	0.055576	0.0082582	0.00703474	0.055576
412265.323777755.3	412265.32	3777755.3	29.11234851	0.017253274	29.129602	412265.323777755.3	412265.32	3777755.3	0.5917518	0.0877927	0.074786342	0.5917518
412285.323777755.3	412285.32	3777755.3	19.8405766	0.012005637	19.852582	412285.323777755.3	412285.32	3777755.3	0.4033353	0.0598322	0.050968205	0.4033353
412305.323777755.3	412305.32	3777755.3	14.59322073	0.007407056	14.600628	412305.323777755.3	412305.32	3777755.3	0.2963975	0.0440081	0.037488339	0.2963975
412325.323777755.3	412325.32	3777755.3	11.22945934	0.005250084	11.234709	412325.323777755.3	412325.32	3777755.3	0.2279936	0.0338641	0.028847215	0.2279936
412345.323777755.3	412345.32	3777755.3	8.88445348	0.00400973	8.8884632	412345.323777755.3	412345.32	3777755.3	0.1803557	0.0267924	0.02282316	0.1803557
412365.323777755.3	412365.32	3777755.3	7.230447886	0.003148698	7.2336346	412365.323777755.3	412365.32	3777755.3	0.1467649	0.0218045	0.018574206	0.1467649
412385.323777755.3	412385.32	3777755.3	6.002025535	0.002605499	6.004631	412385.323777755.3	412385.32	3777755.3	0.1218227	0.0181	0.015418527	0.1218227
412405.323777755.3	412405.32	3777755.3	5.077330143	0.002174278	5.0795044	412405.323777755.3	412405.32	3777755.3	0.1030487	0.0153115	0.013043089	0.1030487
412425.323777755.3	412425.32	3777755.3	4.36090273	0.001843808	4.3627465	412425.323777755.3	412425.32	3777755.3	0.0885038	0.013151	0.011202668	0.0885038
412445.323777755.3	412445.32	3777755.3	3.786682346	0.001585548	3.7882679	412445.323777755.3	412445.32	3777755.3	0.0768472	0.0114193	0.00927256	0.0768472
412465.323777755.3	412465.32	3777755.3	3.322901975	0.001378908	3.3242809	412465.323777755.3	412465.32	3777755.3	0.0674329	0.0100207	0.008536161	0.0674329
412485.323777755.3	412485.32	3777755.3	2.941156311	0.00121034	2.9423667	412485.323777755.3	412485.32	3777755.3	0.0596841	0.0088695	0.007555499	0.0596841
412265.323777775.3	412265.32	3777775.3	29.28496885	0.011854551	29.296823	412265.323777775.3	412265.32	3777775.3	0.5942352	0.0883132	0.075229784	0.5942352
412285.323777775.3	412285.32	3777775.3	20.21959229	0.011926518	20.231519	412285.323777775.3	412285.32	3777775.3	0.4109827	0.0609752	0.051941853	0.4109827
412305.323777775.3	412305.32	3777775.3	14.97814761	0.007365347	14.985513	412305.323777775.3	412305.32	3777775.3	0.3041714	0.0451689	0.038477173	0.3041714
412325.323777775.3	412325.32	3777775.3	11.59769048	0.005249287	11.60294	412325.323777775.3	412325.32	3777775.3	0.2354376	0.0349746	0.02979316	0.2354376
412465.323777775.3	412465.32	3777775.3	3.497530311	0.001425565	3.4989559	412465.323777775.3	412465.32	3777775.3	0.0709719</			

412345.323777815.3	412345.32	3777815.3	8.829402687	0.004018937	8.8334216
412365.323777815.3	412365.32	3777815.3	7.391178153	0.003239115	7.3944173
412385.323777815.3	412385.32	3777815.3	6.28804148	0.002684023	6.2907255
412405.323777815.3	412405.32	3777815.3	5.409146542	0.00227004	5.4114166
412425.323777815.3	412425.32	3777815.3	4.699826097	0.001948277	4.7017744
412445.323777815.3	412445.32	3777815.3	4.1211836	0.001691923	4.1228755
412465.323777815.3	412465.32	3777815.3	3.642264261	0.001483918	3.6437482
412485.323777815.3	412485.32	3777815.3	3.240528842	0.001312673	3.2418415
412261.973777984.79	412261.97	3777984.8	3.124561187	0.011959858	3.136521
412281.973777984.79	412281.97	3777984.8	3.08286698	0.014622966	3.0974899
412301.973777984.79	412301.97	3777984.8	3.034697536	0.008124591	3.0428221
412321.973777984.79	412321.97	3777984.8	2.965816359	0.00554716	2.9713635
412341.973777984.79	412341.97	3777984.8	2.894092395	0.00415941	2.8982518
412361.973777984.79	412361.97	3777984.8	2.805627576	0.003299076	2.8089267
412261.973778004.79	412261.97	3778004.8	2.628111329	0.012471024	2.6405824
412281.973778004.79	412281.97	3778004.8	2.600337753	0.014831675	2.6151694
412301.973778004.79	412301.97	3778004.8	2.571300716	0.008219786	2.5795205
412321.973778004.79	412321.97	3778004.8	2.537976936	0.005574362	2.5435513
412341.973778004.79	412341.97	3778004.8	2.50068228	0.004159153	2.5048414
412361.973778004.79	412361.97	3778004.8	2.442969195	0.003290735	2.4462599
412261.973778024.79	412261.97	3778024.8	2.22775218	0.013717651	2.2414698
412281.973778024.79	412281.97	3778024.8	2.213109571	0.015060312	2.2281699
412301.973778024.79	412301.97	3778024.8	2.195037569	0.008260494	2.2032981
412321.973778024.79	412321.97	3778024.8	2.184929882	0.005558787	2.1904887
412341.973778024.79	412341.97	3778024.8	2.164060217	0.004131356	2.1681916
412361.973778024.79	412361.97	3778024.8	2.131796842	0.003257827	2.1350547
412261.973778044.79	412261.97	3778044.8	1.900335331	0.010317026	1.9106524
412281.973778044.79	412281.97	3778044.8	1.903403736	0.015069587	1.9184733
412301.973778044.79	412301.97	3778044.8	1.897763286	0.008070944	1.9058342
412321.973778044.79	412321.97	3778044.8	1.892889937	0.005412527	1.8983025
412341.973778044.79	412341.97	3778044.8	1.882082835	0.004026941	1.8861098
412361.973778044.79	412361.97	3778044.8	1.864371821	0.003178951	1.8675508

412345.323777815.3	412345.32	3777815.3	0.1792445	0.0266264	0.02268174	0.1792445
412365.323777815.3	412365.32	3777815.3	0.150024	0.0222892	0.018987104	0.150024
412385.323777815.3	412385.32	3777815.3	0.1276195	0.0189625	0.01615327	0.1276195
412405.323777815.3	412405.32	3777815.3	0.1097746	0.0163121	0.013895488	0.1097746
412425.323777815.3	412425.32	3777815.3	0.0953749	0.014173	0.012073323	0.0953749
412445.323777815.3	412445.32	3777815.3	0.0836293	0.012428	0.010586856	0.0836293
412465.323777815.3	412465.32	3777815.3	0.0739087	0.0109838	0.009356566	0.0739087
412485.323777815.3	412485.32	3777815.3	0.0657553	0.0097723	0.008324553	0.0657553
412261.973777984.79	412261.97	3777984.8	0.0653954	0.0094226	0.008026645	0.0653954
412281.973777984.79	412281.97	3777984.8	0.0650488	0.0092968	0.007919538	0.0650488
412301.973777984.79	412301.97	3777984.8	0.0628638	0.0091516	0.007795796	0.0628638
412321.973777984.79	412321.97	3777984.8	0.0609909	0.0089439	0.007618848	0.0609909
412341.973777984.79	412341.97	3777984.8	0.0592823	0.0087276	0.007434597	0.0592823
412361.973777984.79	412361.97	3777984.8	0.0573335	0.0084608	0.007207341	0.0573335
412261.973778004.79	412261.97	3778004.8	0.0554544	0.0079255	0.006751322	0.0554544
412281.973778004.79	412281.97	3778004.8	0.0553329	0.0078417	0.006679975	0.0553329
412301.973778004.79	412301.97	3778004.8	0.0535135	0.0077541	0.006605382	0.0535135
412321.973778004.79	412321.97	3778004.8	0.0523468	0.0076537	0.006519777	0.0523468
412341.973778004.79	412341.97	3778004.8	0.0513291	0.0075412	0.006423971	0.0513291
412361.973778004.79	412361.97	3778004.8	0.0500005	0.0073671	0.006275712	0.0500005
412261.973778024.79	412261.97	3778024.8	0.0475931	0.0067181	0.005722844	0.0475931
412281.973778024.79	412281.97	3778024.8	0.0475473	0.006674	0.005685229	0.0475473
412301.973778024.79	412301.97	3778024.8	0.0459146	0.0066195	0.005638804	0.0459146
412321.973778024.79	412321.97	3778024.8	0.0452067	0.006589	0.005612839	0.0452067
412341.973778024.79	412341.97	3778024.8	0.0445187	0.006526	0.005559227	0.0445187
412361.973778024.79	412361.97	3778024.8	0.0437037	0.0064288	0.005476346	0.0437037
412261.973778044.79	412261.97	3778044.8	0.0403402	0.0057307	0.004881747	0.0403402
412281.973778044.79	412281.97	3778044.8	0.041288	0.00574	0.00488963	0.041288
412301.973778044.79	412301.97	3778044.8	0.0398695	0.005723	0.00487514	0.0398695
412321.973778044.79	412321.97	3778044.8	0.0392755	0.0057083	0.004862621	0.0392755
412341.973778044.79	412341.97	3778044.8	0.0387988	0.0056757	0.004834859	0.0387988
412361.973778044.79	412361.97	3778044.8	0.0382827	0.0056223	0.004789361	0.0382827

Andres Duarte School Site Project

Maximum Individual Non-Cancer Impact Calculations - Sensitive Receptors (Maximum Impacted Senior Residential Receptor) (IMPACT AT ALL OTHER LOCATIONS ON THE PROJECT SITE WOULD BE LESS THAN SHOWN)

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL ¹	CONC	WFrac	CONC _{WF}	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK
Project:																				
MEI - Max	DPM	5.00E+00	8.57E-01	1.00E+00	8.57E-01	0.171		-	-	-	-	-	-	-	-	-	-	-	1.71E-01	-
School	DPM	5.00E+00	1.74E-01	1.00E+00	1.74E-01	0.035		-	-	-	-	-	-	-	-	-	-	-	3.47E-02	-
							Total Risk				-								-	0.171
							Threshold				1.00			1.00				1.00	1.00	
							Over?				NO			NO				NO	NO	

Notes:

1. California Air Resources Board, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values," "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," "OEHHA/ARB Approved Acute Reference Exposure Levels and Target Organs," and "OEHHA/ARB Approved 8-Hour Reference Exposure Levels and Target Organs," <http://www.arb.ca.gov/toxics/healthval/healthval.htm>. Tables last updated: May 8, 2018. Downloaded: 08/14/18.

Source: ESA, 2020

Where:

CONC _{WF}	Pollutant Concentration ($\mu\text{g}/\text{m}^3$) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

ALIM	Alimentary Tract	EYE	Eye	NS	Nervous System
BN	Bone	HEM	Hematologic System	REPRO	Reproductive System
CVS	Cardiovascular System	IMMUN	Immune System	RESP	Respiratory System
DEV	Developmental System	KIDN	Kidney	SK	Skin
ENDC	Endocrine System				

XY	X	Y	Construction Area	Haul Route
411893.283777816.1	411893.3	3777816	5.02584	0.64475
411913.283777816.1	411913.3	3777816	9.17187	0.7232
411933.283777816.1	411933.3	3777816	12.04384	0.81682
411953.283777816.1	411953.3	3777816	13.82578	0.9298
411973.283777816.1	411973.3	3777816	15.04356	1.06761
411993.283777816.1	411993.3	3777816	15.9451	1.23621
412013.283777816.1	412013.3	3777816	16.64005	1.43745
412033.283777816.1	412033.3	3777816	17.1979	1.6608
412053.283777816.1	412053.3	3777816	17.64255	1.86621
412073.283777816.1	412073.3	3777816	18.03172	2.02138
412093.283777816.1	412093.3	3777816	18.37318	2.13861
412113.283777816.1	412113.3	3777816	18.64608	2.26158
412133.283777816.1	412133.3	3777816	18.76025	2.43445
412153.283777816.1	412153.3	3777816	18.77984	2.71457
412173.283777816.1	412173.3	3777816	18.69007	3.20381
412193.283777816.1	412193.3	3777816	18.45047	4.11956
412213.283777816.1	412213.3	3777816	17.93304	6.08419
412233.283777816.1	412233.3	3777816	16.82812	11.61953
412273.283777816.1	412273.3	3777816	9.13196	13.76714
412293.283777816.1	412293.3	3777816	6.84726	7.01587
412313.283777816.1	412313.3	3777816	5.39279	4.6546
412333.283777816.1	412333.3	3777816	4.37983	3.45086
412353.283777816.1	412353.3	3777816	3.63329	2.7154
412373.283777816.1	412373.3	3777816	3.06238	2.21665
412393.283777816.1	412393.3	3777816	2.61835	1.85369
412413.283777816.1	412413.3	3777816	2.26181	1.57786
412433.283777816.1	412433.3	3777816	1.97462	1.36097
412453.283777816.1	412453.3	3777816	1.7373	1.18716
412473.283777816.1	412473.3	3777816	1.53993	1.04494
411893.283777836.1	411893.3	3777836	3.22646	0.65286
411913.283777836.1	411913.3	3777836	4.73947	0.72521
411933.283777836.1	411933.3	3777836	6.24691	0.80823
411953.283777836.1	411953.3	3777836	7.39973	0.90378
411973.283777836.1	411973.3	3777836	8.23721	1.01386
411993.283777836.1	411993.3	3777836	8.89927	1.13991
412013.283777836.1	412013.3	3777836	9.40579	1.27959
412033.283777836.1	412033.3	3777836	9.83856	1.4273
412053.283777836.1	412053.3	3777836	10.15979	1.57011
412073.283777836.1	412073.3	3777836	10.39186	1.70382
412093.283777836.1	412093.3	3777836	10.53301	1.84016
412113.283777836.1	412113.3	3777836	10.66688	2.00261
412133.283777836.1	412133.3	3777836	10.72675	2.21758
412153.283777836.1	412153.3	3777836	10.66159	2.53321
412173.283777836.1	412173.3	3777836	10.57286	3.05047
412193.283777836.1	412193.3	3777836	10.38237	3.9853
412213.283777836.1	412213.3	3777836	10.02996	5.95738

412233.283777836.1	412233.3	3777836	9.38049	11.44628
412273.283777836.1	412273.3	3777836	7.06578	13.76823
412293.283777836.1	412293.3	3777836	5.7697	6.99098
412313.283777836.1	412313.3	3777836	4.75767	4.6309
412333.283777836.1	412333.3	3777836	3.9859	3.43375
412353.283777836.1	412353.3	3777836	3.38633	2.70396
412373.283777836.1	412373.3	3777836	2.90488	2.21161
412393.283777836.1	412393.3	3777836	2.51703	1.85381
412413.283777836.1	412413.3	3777836	2.19907	1.58196
412433.283777836.1	412433.3	3777836	1.93717	1.36835
412453.283777836.1	412453.3	3777836	1.71807	1.19683
412473.283777836.1	412473.3	3777836	1.53304	1.05612
411893.283777876.1	411893.3	3777876	1.58213	0.69749
411913.283777876.1	411913.3	3777876	1.92498	0.76592
411933.283777876.1	411933.3	3777876	2.34825	0.83909
411953.283777876.1	411953.3	3777876	2.79147	0.9172
411973.283777876.1	411973.3	3777876	3.20499	1.00031
411993.283777876.1	411993.3	3777876	3.56971	1.0882
412013.283777876.1	412013.3	3777876	3.89595	1.18115
412033.283777876.1	412033.3	3777876	4.1681	1.27828
412053.283777876.1	412053.3	3777876	4.39753	1.38165
412073.283777876.1	412073.3	3777876	4.58444	1.49562
412093.283777876.1	412093.3	3777876	4.75285	1.63159
412113.283777876.1	412113.3	3777876	4.86247	1.8007
412133.283777876.1	412133.3	3777876	4.93293	2.02951
412153.283777876.1	412153.3	3777876	4.9729	2.36429
412173.283777876.1	412173.3	3777876	4.96654	2.89417
412193.283777876.1	412193.3	3777876	4.91234	3.82964
412213.283777876.1	412213.3	3777876	4.79397	5.77349
412233.283777876.1	412233.3	3777876	4.63675	11.11363
412273.283777876.1	412273.3	3777876	4.12424	10.00071
412293.283777876.1	412293.3	3777876	3.76611	7.01829
412313.283777876.1	412313.3	3777876	3.39736	4.61458
412333.283777876.1	412333.3	3777876	3.04476	3.40983
412353.283777876.1	412353.3	3777876	2.72379	2.68281
412373.283777876.1	412373.3	3777876	2.43652	2.19479
412393.283777876.1	412393.3	3777876	2.18077	1.84376
412413.283777876.1	412413.3	3777876	1.9574	1.57782
412433.283777876.1	412433.3	3777876	1.76318	1.36966
412453.283777876.1	412453.3	3777876	1.59244	1.20216
412473.283777876.1	412473.3	3777876	1.44302	1.06507
411913.283777896.1	411913.3	3777896	1.43779	0.81314
411933.283777896.1	411933.3	3777896	1.69425	0.88736
411953.283777896.1	411953.3	3777896	1.97456	0.96396
411973.283777896.1	411973.3	3777896	2.25303	1.04273
411993.283777896.1	411993.3	3777896	2.51877	1.124
412013.283777896.1	412013.3	3777896	2.76581	1.20882

412033.283777896.1	412033.3	3777896	2.97588	1.29716
412053.283777896.1	412053.3	3777896	3.16315	1.39338
412073.283777896.1	412073.3	3777896	3.32643	1.50243
412093.283777896.1	412093.3	3777896	3.46758	1.63366
412113.283777896.1	412113.3	3777896	3.57263	1.79975
412133.283777896.1	412133.3	3777896	3.64857	2.02582
412153.283777896.1	412153.3	3777896	3.68969	2.3553
412173.283777896.1	412173.3	3777896	3.70282	2.87853
412193.283777896.1	412193.3	3777896	3.65457	3.79928
412213.283777896.1	412213.3	3777896	3.61465	5.70964
412233.283777896.1	412233.3	3777896	3.53461	10.90909
412273.283777896.1	412273.3	3777896	3.25859	10.31293
412293.283777896.1	412293.3	3777896	3.05293	7.06824
412313.283777896.1	412313.3	3777896	2.83073	4.62546
412333.283777896.1	412333.3	3777896	2.60427	3.40778
412353.283777896.1	412353.3	3777896	2.38068	2.67692
412373.283777896.1	412373.3	3777896	2.17319	2.18805
412393.283777896.1	412393.3	3777896	1.97895	1.8374
412413.283777896.1	412413.3	3777896	1.80162	1.57293
412433.283777896.1	412433.3	3777896	1.64212	1.36634
412453.283777896.1	412453.3	3777896	1.49941	1.20091
412473.283777896.1	412473.3	3777896	1.37171	1.06544
411913.283777916.1	411913.3	3777916	1.12945	0.88763
411933.283777916.1	411933.3	3777916	1.29731	0.96768
411953.283777916.1	411953.3	3777916	1.48061	1.04724
411973.283777916.1	411973.3	3777916	1.67512	1.1266
411993.283777916.1	411993.3	3777916	1.86653	1.20618
412013.283777916.1	412013.3	3777916	2.04701	1.28714
412033.283777916.1	412033.3	3777916	2.21381	1.372
412053.283777916.1	412053.3	3777916	2.36452	1.46402
412073.283777916.1	412073.3	3777916	2.49513	1.56812
412093.283777916.1	412093.3	3777916	2.61292	1.69461
412113.283777916.1	412113.3	3777916	2.70698	1.85567
412133.283777916.1	412133.3	3777916	2.77467	2.07439
412153.283777916.1	412153.3	3777916	2.82754	2.39727
412173.283777916.1	412173.3	3777916	2.85573	2.90982
412193.283777916.1	412193.3	3777916	2.83147	3.81288
412213.283777916.1	412213.3	3777916	2.81412	5.67903
412233.283777916.1	412233.3	3777916	2.77248	10.72644
412273.283777916.1	412273.3	3777916	2.62451	14.64162
412293.283777916.1	412293.3	3777916	2.50452	7.13834
412313.283777916.1	412313.3	3777916	2.36996	4.64401
412333.283777916.1	412333.3	3777916	2.22278	3.41125
412353.283777916.1	412353.3	3777916	2.0684	2.67431
412373.283777916.1	412373.3	3777916	1.91929	2.18293
412393.283777916.1	412393.3	3777916	1.7758	1.83185
412413.283777916.1	412413.3	3777916	1.63912	1.56803

412433.283777916.1	412433.3	3777916	1.51199	1.36254
412453.283777916.1	412453.3	3777916	1.39531	1.19832
412473.283777916.1	412473.3	3777916	1.28878	1.06429
411913.283777956.1	411913.3	3777956	0.76603	1.18309
411933.283777956.1	411933.3	3777956	0.85067	1.29758
411953.283777956.1	411953.3	3777956	0.94371	1.4016
411973.283777956.1	411973.3	3777956	1.04231	1.49632
411993.283777956.1	411993.3	3777956	1.14598	1.58485
412013.283777956.1	412013.3	3777956	1.24841	1.66982
412033.283777956.1	412033.3	3777956	1.34722	1.75479
412053.283777956.1	412053.3	3777956	1.44237	1.84417
412073.283777956.1	412073.3	3777956	1.52919	1.94285
412093.283777956.1	412093.3	3777956	1.60743	2.05935
412113.283777956.1	412113.3	3777956	1.67617	2.20672
412133.283777956.1	412133.3	3777956	1.73132	2.40601
412153.283777956.1	412153.3	3777956	1.77779	2.70069
412173.283777956.1	412173.3	3777956	1.81078	3.17277
412193.283777956.1	412193.3	3777956	1.80795	4.01708
412213.283777956.1	412213.3	3777956	1.82032	5.77566
412233.283777956.1	412233.3	3777956	1.81551	10.52766
412273.283777956.1	412273.3	3777956	1.77358	10.69595
412293.283777956.1	412293.3	3777956	1.73116	7.32644
412313.283777956.1	412313.3	3777956	1.67812	4.71364
412333.283777956.1	412333.3	3777956	1.61758	3.43607
412353.283777956.1	412353.3	3777956	1.54786	2.67967
412373.283777956.1	412373.3	3777956	1.47577	2.17923
412393.283777956.1	412393.3	3777956	1.39987	1.82405
412413.283777956.1	412413.3	3777956	1.32247	1.55875
412433.283777956.1	412433.3	3777956	1.24751	1.35383
412453.283777956.1	412453.3	3777956	1.17506	1.19095
412473.283777956.1	412473.3	3777956	1.10528	1.05834
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412353.283777956.13	412353.3	3777956
412373.283777956.13	412373.3	3777956
412393.283777956.13	412393.3	3777956
412413.283777956.13	412413.3	3777956
412433.283777956.13	412433.3	3777956
412453.283777956.13	412453.3	3777956
412473.283777956.13	412473.3	3777956
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411933.283777976.13	411933.3	3777976
411953.283777976.13	411953.3	3777976
411973.283777976.13	411973.3	3777976
411993.283777976.13	411993.3	3777976
412013.283777976.13	412013.3	3777976
412033.283777976.13	412033.3	3777976
412053.283777976.13	412053.3	3777976
412073.283777976.13	412073.3	3777976
412093.283777976.13	412093.3	3777976
412113.283777976.13	412113.3	3777976
412133.283777976.13	412133.3	3777976
412153.283777976.13	412153.3	3777976
412173.283777976.13	412173.3	3777976
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412233.283777976.13	412233.3	3777976
412273.283777976.13	412273.3	3777976
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412333.283777976.13	412333.3	3777976
412353.283777976.13	412353.3	3777976
412373.283777976.13	412373.3	3777976
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412433.283777976.13	412433.3	3777976
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412365.323777635.3	412365.3	3777635
412385.323777635.3	412385.3	3777635
412405.323777635.3	412405.3	3777635
412425.323777635.3	412425.3	3777635
412445.323777635.3	412445.3	3777635
412465.323777635.3	412465.3	3777635
412485.323777635.3	412485.3	3777635
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412305.323777655.3	412305.3	3777655
412325.323777655.3	412325.3	3777655
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412365.323777655.3	412365.3	3777655
412385.323777655.3	412385.3	3777655
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412465.323777655.3	412465.3	3777655
412485.323777655.3	412485.3	3777655
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412265.323777695.3	412265.3	3777695
412285.323777695.3	412285.3	3777695
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412365.323777695.3	412365.3	3777695
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412425.323777695.3	412425.3	3777695

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412465.323777695.3	412465.3	3777695
412485.323777695.3	412485.3	3777695
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412305.323777715.3	412305.3	3777715
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412365.323777715.3	412365.3	3777715
412385.323777715.3	412385.3	3777715
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412445.323777715.3	412445.3	3777715
412465.323777715.3	412465.3	3777715
412485.323777715.3	412485.3	3777715
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412285.323777735.3	412285.3	3777735
412305.323777735.3	412305.3	3777735
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412345.323777735.3	412345.3	3777735
412365.323777735.3	412365.3	3777735
412385.323777735.3	412385.3	3777735
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412425.323777735.3	412425.3	3777735
412445.323777735.3	412445.3	3777735
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412485.323777735.3	412485.3	3777735
412265.323777755.3	412265.3	3777755
412285.323777755.3	412285.3	3777755
412305.323777755.3	412305.3	3777755
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412345.323777755.3	412345.3	3777755
412365.323777755.3	412365.3	3777755
412385.323777755.3	412385.3	3777755
412405.323777755.3	412405.3	3777755
412425.323777755.3	412425.3	3777755
412445.323777755.3	412445.3	3777755
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412485.323777755.3	412485.3	3777755
412265.323777775.3	412265.3	3777775
412285.323777775.3	412285.3	3777775
412305.323777775.3	412305.3	3777775
412325.323777775.3	412325.3	3777775
412465.323777775.3	412465.3	3777775
412485.323777775.3	412485.3	3777775
412265.323777795.3	412265.3	3777795
412285.323777795.3	412285.3	3777795

412305.323777795.3	412305.3	3777795
412325.323777795.3	412325.3	3777795
412345.323777795.3	412345.3	3777795
412365.323777795.3	412365.3	3777795
412385.323777795.3	412385.3	3777795
412405.323777795.3	412405.3	3777795
412425.323777795.3	412425.3	3777795
412445.323777795.3	412445.3	3777795
412465.323777795.3	412465.3	3777795
412485.323777795.3	412485.3	3777795
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412285.323777815.3	412285.3	3777815
412305.323777815.3	412305.3	3777815
412325.323777815.3	412325.3	3777815
412345.323777815.3	412345.3	3777815
412365.323777815.3	412365.3	3777815
412385.323777815.3	412385.3	3777815
412405.323777815.3	412405.3	3777815
412425.323777815.3	412425.3	3777815
412445.323777815.3	412445.3	3777815
412465.323777815.3	412465.3	3777815
412485.323777815.3	412485.3	3777815
412261.973777984.79	412262	3777985
412281.973777984.79	412282	3777985
412301.973777984.79	412302	3777985
412321.973777984.79	412322	3777985
412341.973777984.79	412342	3777985
412361.973777984.79	412362	3777985
412261.973778004.79	412262	3778005
412281.973778004.79	412282	3778005
412301.973778004.79	412302	3778005
412321.973778004.79	412322	3778005
412341.973778004.79	412342	3778005
412361.973778004.79	412362	3778005
412261.973778024.79	412262	3778025
412281.973778024.79	412282	3778025
412301.973778024.79	412302	3778025
412321.973778024.79	412322	3778025
412341.973778024.79	412342	3778025
412361.973778024.79	412362	3778025
412261.973778044.79	412262	3778045
412281.973778044.79	412282	3778045
412301.973778044.79	412302	3778045
412321.973778044.79	412322	3778045
412341.973778044.79	412342	3778045
412361.973778044.79	412362	3778045

Andres Duarte School Site Project

Construction Modeling Assumptions

AERMOD Sources

<u>PolyAreas</u>		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
<u>Line Volume</u>		
Onroad Hauling Exhaust		
Vehicle Height	14	ft
Plume Height	7.25	m
Plume Width	17	m
Release Height	3.63	m
Emissions rate	1	g/s
EPA Haul Road Guidance & Caltrans Heigh & Low Clearance Guidance[1]		

[1] USEPA Haul Road Workgroup Final Report Dec 6, 2011, Page 4.

https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf

Meteorology: Azusa

Andres Duarte School Site Project

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home ^a	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF ₁	m ³ /L	0.001	0.001	0.001	0.001
Conversion Factor	CF ₂	µg/m ³	0.001	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	mg/kg-day ⁻¹	1.1	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	70.00

^a assume school or daycare will have cancer risk of >1 per million

Andres Duarte School Site Project

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment
Residential Receptors

OFFROAD	Start Date	4/1/2026	7/1/2026	7/1/2028
	End Date	6/30/2026	6/30/2028	6/28/2042

	4/1/2026	4/27/2028	Days	90	730	5110
Phase	Start Date	End Date	Duration (days)	3rd Tri	0<2	02<16
Demolition	4/1/2026	5/6/2026	36	36	0	0
Site Preparation	5/7/2026	6/11/2026	36	36	0	0
Grading	6/12/2026	7/23/2026	42	19	23	0
Building Construction I	7/24/2026	12/31/2026	161	0	161	0
Building Construction II	1/1/2027	12/31/2027	365	0	365	0
Building Construction III	1/1/2028	4/27/2028	118	0	118	0
Paving	7/24/2026	8/10/2026	18	0	18	0
Architectural Coating I	12/22/2027	12/31/2027	10	0	10	0
Architectural Coating II	1/1/2028	4/27/2028	118	0	118	0

Intake Factor for Inhalation, IF (m³/kg-day)					
Phase	Year	Equation	3rd Trimester	0<2	2<16
Demolition	2026		0.004877463	0	0
Site Preparation	2026	$DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1$	0.004877463	0	0
Grading	2026	AT	0.002574217	0.009408895	0
Building Construction I	2026		0	0.065862263	0
Building Construction II	2027		0	0.149315068	0
Building Construction III	2028		0	0.048271721	0
Paving	2026		0	0.007363483	0
Architectural Coating I	2027		0	0.004090824	0
Architectural Coating II	2028		0	0.048271721	0

Risk Calculation Part 1, R1			
Equation	3rd Trimester	0<2	2<16
$IF \cdot CPF \cdot CF_2$	5.36521E-06	0	0
	5.36521E-06	0	0
	2.83164E-06	1.03498E-05	0
	0	7.24485E-05	0
	0	0.000164247	0
	0	5.30989E-05	0
	0	8.09983E-06	0
	0	4.49991E-06	0
	0	5.30989E-05	0

Andres Duarte School Site Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition	2026	0.140	10	0.001763961
Site Preparation	2026	0.040	10	0.000503989
Grading	2026	0.150	10	0.001889958
Building Construction I	2026	0.070	10	0.000881981
Building Construction II	2027	0.070	10	0.000881981
Building Construction III	2028	0.070	10	0.000881981
Paving	2026	0.040	10	0.000503989
Architectural Coating I	2027	0.040	10	0.000503989
Architectural Coating II	2028	0.040	10	0.000503989

Risk Summary		
Maximum Risk, Uncontrolled		6.12
	UTM X	412153.28
	UTM Y	3777816.13

AERMOD Column Identifier:			4	4	4	4	4	4	4	4	4							X (UTM)	Y (UTM)
			Demolition	Site Preparation	Grading	Building Construction I	Building Construction II	Building Construction III	Paving	Architectural Coating I	Architectural Coating II	Child Risk							
Unique Identifier	X (UTM)	Y (UTM)	2026	2026	2026	2026	2027	2028	2026	2027	2028	3rd Trimester	0<2	2<16	Total	per million	X (UTM)	Y (UTM)	
411893.283777816.13	411893.28	3777816	0.008865386	0.002532968	0.009498628	0.004432693	0.004432693	0.004432693	0.002532968	0.002532968	0.002532968	8.80512E-08	1.54929E-06	0	1.63734E-06	1.637340172	411893.3	3777816	
411913.283777816.13	411913.28	3777816.1	0.016178822	0.004622521	0.017334452	0.008089411	0.008089411	0.008089411	0.004622521	0.004622521	0.004622521	1.60688E-07	2.82736E-06	0	2.98805E-06	2.988051988	411913.28	3777816	
411933.283777816.13	411933.28	3777816.1	0.021244865	0.006069962	0.022762356	0.010622433	0.010622433	0.010622433	0.006069962	0.006069962	0.006069962	2.11005E-07	3.71269E-06	0	3.92369E-06	3.923694956	411933.28	3777816	
411953.283777816.13	411953.28	3777816.1	0.024388138	0.00696804	0.026130148	0.012194069	0.012194069	0.012194069	0.00696804	0.00696804	0.00696804	2.42224E-07	4.262E-06	0	4.50422E-06	4.504223175	411953.28	3777816	
411973.283777816.13	411973.28	3777816.1	0.026536255	0.007581787	0.028431702	0.013268127	0.013268127	0.013268127	0.007581787	0.007581787	0.007581787	2.63559E-07	4.6374E-06	0	4.90096E-06	4.900956878	411973.28	3777816	
411993.283777816.13	411993.28	3777816.1	0.028126536	0.008036153	0.030135575	0.014063268	0.014063268	0.014063268	0.008036153	0.008036153	0.008036153	2.79353E-07	4.91531E-06	0	5.19466E-06	5.194664529	411993.28	3777816	
412013.283777816.13	412013.28	3777816.1	0.029352401	0.0083864	0.031449001	0.014676201	0.014676201	0.014676201	0.0083864	0.0083864	0.0083864	2.91529E-07	5.12954E-06	0	5.42107E-06	5.421068384	412013.28	3777816	
412033.283777816.13	412033.28	3777816.1	0.030336427	0.008667551	0.032503314	0.015168213	0.015168213	0.015168213	0.008667551	0.008667551	0.008667551	3.01302E-07	5.30151E-06	0	5.60281E-06	5.602807201	412033.28	3777816	
412053.283777816.13	412053.28	3777816.1	0.031120772	0.008891649	0.033343684	0.015560386	0.015560386	0.015560386	0.008891649	0.008891649	0.008891649	3.09092E-07	5.43857E-06	0	5.74767E-06	5.747667226	412053.28	3777816	
412073.283777816.13	412073.28	3777816.1	0.031807253	0.009087787	0.034079199	0.015903626	0.015903626	0.015903626	0.009087787	0.009087787	0.009087787	3.1591E-07	5.55854E-06	0	5.87445E-06	5.874452733	412073.28	3777816	
412093.283777816.13	412093.28	3777816.1	0.032409575	0.009259879	0.034724545	0.016204788	0.016204788	0.016204788	0.009259879	0.009259879	0.009259879	3.21893E-07	5.6638E-06	0	5.9857E-06	5.985695068	412093.28	3777816	
412113.283777816.13	412113.28	3777816.1	0.03289096	0.009397417	0.035240314	0.01644548	0.01644548	0.01644548	0.009397417	0.009397417	0.009397417	3.26674E-07	5.74793E-06	0	6.0746E-06	6.074601626	412113.28	3777816	
412133.283777816.13	412133.28	3777816.1	0.033092351	0.009454958	0.035456091	0.016546176	0.016546176	0.016546176	0.009454958	0.009454958	0.009454958	3.28674E-07	5.78312E-06	0	6.1118E-06	6.111796428	412133.28	3777816	
412153.283777816.13	412153.28	3777816.1	0.033126907	0.009464831	0.035493115	0.016563454	0.016563454	0.016563454	0.009464831	0.009464831	0.009464831	3.29017E-07	5.78916E-06	0	6.11818E-06	6.118178544	412153.28	3777816	
412173.283777816.13	412173.28	3777816.1	0.032968557	0.009419588	0.035323454	0.016484278	0.016484278	0.016484278	0.009419588	0.009419588	0.009419588	3.27445E-07	5.76149E-06	0	6.08893E-06	6.08893288	412173.28	3777816	
412193.283777816.13	412193.28	3777816.1	0.032545912	0.009298832	0.03487062	0.016272956	0.016272956	0.016272956	0.009298832	0.009298832	0.009298832	3.23247E-07	5.68763E-06	0	6.01087E-06	6.010874943	412193.28	3777816	
412213.283777816.13	412213.28	3777816.1	0.031633185	0.009038053	0.033892698	0.015816593	0.015816593	0.015816593	0.009038053	0.009038053	0.009038053	3.14182E-07	5.52812E-06	0	5.8423E-06	5.842304331	412213.28	3777816	
412233.283777816.13	412233.28	3777816.1	0.029684149	0.008481186	0.031804446	0.014842075	0.014842075	0.014842075	0.008481186	0.008481186	0.008481186	2.94824E-07	5.18751E-06	0	5.482338653	5.482338653	412233.28	3777816	
412273.283777816.13	412273.28	3777816.1	0.016108422	0.004602406	0.017259024	0.008054211	0.008054211	0.008054211	0.004602406	0.004602406	0.004602406	1.59989E-07	2.81506E-06	0	2.97505E-06	2.975049933	412273.28	3777816	
412293.283777816.13	412293.28	3777816.1	0.0120783	0.003450943	0.012941036	0.00603915	0.00603915	0.00603915	0.003450943	0.003450943	0.003450943	1.19962E-07	2.11077E-06	0	2.23073E-06	2.230730359	412293.28	3777816	
412313.283777816.13	412313.28	3777816.1	0.009512672	0.002717906	0.010192148	0.004756336	0.004756336	0.004756336	0.002717906	0.002717906	0.002717906	9.44801E-08	1.66241E-06	0	1.75689E-06	1.75688675	412313.28	3777816	
412333.283777816.13	412333.28	3777816.1	0.00772585	0.002207386	0.008277696	0.003862925	0.003862925	0.003862925	0.002207386	0.002207386	0.002207386	7.67333E-08	1.35015E-06	0	1.42688E-06	1.426880204	412333.28	3777816	
412353.283777816.13	412353.28	3777816.1	0.006408982	0.001831138	0.006866767	0.003204491	0.003204491	0.003204491	0.001831138	0.001831138	0.001831138	6.36542E-08	1.12001E-06	0	1.18367E-06	1.183669133	412353.28	3777816	
412373.283777816.13	412373.28	3777816.1	0.005401919	0.001543405	0.005787771	0.00270096	0.00270096	0.00270096	0.001543405	0.001543405	0.001543405	5.3652E-08	9.44024E-07	0	9.97676E-07	0.997675572	412373.28	3777816	
412393.283777816.13	412393.28	3777816.1	0.004618668	0.001319619	0.004948572	0.002309334	0.002309334	0.002309334	0.001319619	0.001319619	0.001319619	4.58727E-08	8.07145E-07	0	8.53018E-07	0.853017533	412393.28	3777816	
412413.283777816.13	412413.28	3777816.1	0.003989745	0.001139927	0.004274727	0.001994872	0.001994872	0.001994872	0.001139927	0.001139927	0.001139927	3.96262E-08	6.97236E-07	0	7.36862E-07	0.73686237	412413.28	3777816	
412433.283777816.13	412433.28	3777816.1	0.003483153	0.000995187	0.00373195	0.001741576	0.001741576	0.001741576	0.000995187	0.000995187	0.000995187	3.45948E-08	6.08706E-07	0	6.433E-07	0.643300354	412433.28	3777816	
412453.283777816.13	412453.28	3777816.1	0.00306453	0.00087558	0.003283425	0.001532265	0.001532265	0.001532265	0.00087558	0.00087558	0.00087558	3.0437E-08	5.35548E-07	0	5.65985E-07	0.565985205	412453.28	3777816	
412473.283777816.13	412473.28	3777816.1	0.002716377	0.000776108	0.002910404	0.001358188	0.001358188	0.001358188	0.000776108	0.000776108	0.000776108	2.69791E-08	4.74706E-07	0	5.01685E-07	0.501685141	412473.28	3777816	
411893.283777836.13	411893.28	3777836.1	0.00569135	0.0016261	0.006097875	0.002845675	0.002845675	0.002845675	0.0016261	0.0016261	0.0016261	5.65266E-08	9.94604E-07	0	1.05113E-06	1.051130273	411893.28	3777836	
411913.283777836.13	411913.28	3777836.1	0.008360241	0.00238864	0.008957401	0.00418012	0.00418012	0.00418012	0.00238864	0.00238864	0.00238864	8.30341E-08	1.46101E-06	0	1.54405E-06	1.544045299	411913.28	3777836	
411933.283777836.13	411933.28	37778																	

412173.283777836.13	412173.28	3777836.1	0.018650114	0.005328604	0.019982265	0.009325057	0.009325057	0.009325057	0.005328604	0.005328604	0.005328604	1.85233E-07	3.25924E-06	0	3.44447E-06	3.444472648	412173.28	3777836
412193.283777836.13	412193.28	3777836.1	0.018314097	0.005232599	0.019622247	0.009157048	0.009157048	0.009157048	0.005232599	0.005232599	0.005232599	1.81896E-07	3.20052E-06	0	3.38241E-06	3.382413981	412193.28	3777836
412213.283777836.13	412213.28	3777836.1	0.017692459	0.005054988	0.018956206	0.00884623	0.00884623	0.00884623	0.005054988	0.005054988	0.005054988	1.75722E-07	3.09188E-06	0	3.2676E-06	3.267604307	412213.28	3777836
412233.283777836.13	412233.28	3777836.1	0.01654682	0.004727663	0.017728735	0.00827341	0.00827341	0.00827341	0.004727663	0.004727663	0.004727663	1.64343E-07	2.89167E-06	0	3.05602E-06	3.056017125	412233.28	3777836
412273.283777836.13	412273.28	3777836.1	0.012463761	0.003561075	0.01335403	0.006231881	0.006231881	0.006231881	0.003561075	0.003561075	0.003561075	1.2379E-07	2.17813E-06	0	2.30192E-06	2.301920762	412273.28	3777836
412293.283777836.13	412293.28	3777836.1	0.010177526	0.002907865	0.010904493	0.005088763	0.005088763	0.005088763	0.002907865	0.002907865	0.002907865	1.01083E-07	1.77859E-06	0	1.87968E-06	1.879678141	412293.28	3777836
412313.283777836.13	412313.28	3777836.1	0.008392345	0.002397813	0.008991798	0.004196172	0.004196172	0.004196172	0.002397813	0.002397813	0.002397813	8.3353E-08	1.46662E-06	0	1.54997E-06	1.549974575	412313.28	3777836
412333.283777836.13	412333.28	3777836.1	0.007030973	0.002008849	0.007533185	0.003515486	0.003515486	0.003515486	0.002008849	0.002008849	0.002008849	6.98318E-08	1.22871E-06	0	1.29854E-06	1.298543963	412333.28	3777836
412353.283777836.13	412353.28	3777836.1	0.005973354	0.001706673	0.006400023	0.002986677	0.002986677	0.002986677	0.001706673	0.001706673	0.001706673	5.93275E-08	1.04389E-06	0	1.10321E-06	1.103213422	412353.28	3777836
412373.283777836.13	412373.28	3777836.1	0.005124095	0.001464027	0.005490102	0.002562048	0.002562048	0.002562048	0.001464027	0.001464027	0.001464027	5.08926E-08	8.95472E-07	0	9.46365E-07	0.946364532	412373.28	3777836
412393.283777836.13	412393.28	3777836.1	0.004439943	0.001268555	0.004757082	0.002219972	0.002219972	0.002219972	0.001268555	0.001268555	0.001268555	4.40976E-08	7.75911E-07	0	8.20009E-07	0.82000906	412393.28	3777836
412413.283777836.13	412413.28	3777836.1	0.003879074	0.001108307	0.004156151	0.001939537	0.001939537	0.001939537	0.001108307	0.001108307	0.001108307	3.85271E-08	6.77896E-07	0	7.16423E-07	0.716422658	412413.28	3777836
412433.283777836.13	412433.28	3777836.1	0.003417093	0.000976312	0.003661171	0.001708546	0.001708546	0.001708546	0.000976312	0.000976312	0.000976312	3.39386E-08	5.97161E-07	0	6.311E-07	0.631099729	412433.28	3777836
412453.283777836.13	412453.28	3777836.1	0.003030609	0.000865888	0.003247081	0.001515304	0.001515304	0.001515304	0.000865888	0.000865888	0.000865888	3.01001E-08	5.2962E-07	0	5.5972E-07	0.559720371	412453.28	3777836
412473.283777836.13	412473.28	3777836.1	0.002704223	0.000772635	0.002704223	0.001352111	0.001352111	0.001352111	0.000772635	0.000772635	0.000772635	2.68584E-08	4.72582E-07	0	4.9944E-07	0.499440487	412473.28	3777836
411893.283777876.13	411893.28	3777876.1	0.002790816	0.000797376	0.00299016	0.001395408	0.001395408	0.001395408	0.000797376	0.000797376	0.000797376	2.77185E-08	4.87715E-07	0	5.15433E-07	0.515433242	411893.28	3777876
411913.283777876.13	411913.28	3777876.1	0.00339559	0.000970169	0.003638132	0.001697795	0.001697795	0.001697795	0.000970169	0.000970169	0.000970169	3.37251E-08	5.93403E-07	0	6.27128E-07	0.627128417	411913.28	3777876
411933.283777876.13	411933.28	3777876.1	0.004142222	0.001183492	0.004438095	0.002071111	0.002071111	0.002071111	0.001183492	0.001183492	0.001183492	4.11406E-08	7.23883E-07	0	7.65023E-07	0.765023172	411933.28	3777876
411953.283777876.13	411953.28	3777876.1	0.004924045	0.00140687	0.005275762	0.002462022	0.002462022	0.002462022	0.00140687	0.00140687	0.00140687	4.89057E-08	8.60512E-07	0	9.09417E-07	0.909417325	411953.28	3777876
411973.283777876.13	411973.28	3777876.1	0.005653478	0.001615279	0.006057298	0.002826739	0.002826739	0.002826739	0.001615279	0.001615279	0.001615279	5.61505E-08	9.87985E-07	0	1.04414E-06	1.044135682	411973.28	3777876
411993.283777876.13	411993.28	3777876.1	0.00629683	0.001799094	0.006746603	0.003148415	0.003148415	0.003148415	0.001799094	0.001799094	0.001799094	6.25403E-08	1.10042E-06	0	1.16296E-06	1.162955762	411993.28	3777876
412013.283777876.13	412013.28	3777876.1	0.006872304	0.001963516	0.007363183	0.003436152	0.003436152	0.003436152	0.001963516	0.001963516	0.001963516	6.82559E-08	1.20098E-06	0	1.26924E-06	1.269239658	412013.28	3777876
412033.283777876.13	412033.28	3777876.1	0.007352366	0.002100676	0.007877535	0.003676183	0.003676183	0.003676183	0.002100676	0.002100676	0.002100676	7.30239E-08	1.28488E-06	0	1.3579E-06	1.357901877	412033.28	3777876
412053.283777876.13	412053.28	3777876.1	0.007757072	0.002216306	0.008311148	0.003878536	0.003878536	0.003878536	0.002216306	0.002216306	0.002216306	7.70434E-08	1.3556E-06	0	1.43265E-06	1.432646588	412053.28	3777876
412073.283777876.13	412073.28	3777876.1	0.008086774	0.002310507	0.008664401	0.004043387	0.004043387	0.004043387	0.002310507	0.002310507	0.002310507	8.0318E-08	1.41322E-06	0	1.49354E-06	1.493538946	412073.28	3777876
412093.283777876.13	412093.28	3777876.1	0.008383843	0.002395384	0.008982688	0.004191921	0.004191921	0.004191921	0.002395384	0.002395384	0.002395384	8.32685E-08	1.46514E-06	0	1.5484E-06	1.548404294	412093.28	3777876
412113.283777876.13	412113.28	3777876.1	0.008577208	0.002450631	0.009189866	0.004288604	0.004288604	0.004288604	0.002450631	0.002450631	0.002450631	8.5189E-08	1.49893E-06	0	1.58412E-06	1.584116778	412113.28	3777876
412133.283777876.13	412133.28	3777876.1	0.008701497	0.002486142	0.009323032	0.004350748	0.004350748	0.004350748	0.002486142	0.002486142	0.002486142	8.64235E-08	1.52065E-06	0	1.60707E-06	1.607071545	412133.28	3777876
412153.283777876.13	412153.28	3777876.1	0.008772002	0.002506286	0.009398574	0.004386001	0.004386001	0.004386001	0.002506286	0.002506286	0.002506286	8.71237E-08	1.53297E-06	0	1.62009E-06	1.620093147	412153.28	3777876
412173.283777876.13	412173.28	3777876.1	0.008760783	0.002503081	0.009386554	0.004380392	0.004380392	0.004380392	0.002503081	0.002503081	0.002503081	8.70123E-08	1.53101E-06	0	1.61802E-06	1.618021158	412173.28	3777876
412193.283777876.13	412193.28	3777876.1	0.008665177	0.002475765	0.009284118	0.004332588	0.004332588	0.004332588	0.002475765	0.002475765	0.002475765	8.60627E-08	1.5143E-06	0	1.60036E-06	1.600363645	412193.28	3777876
412213.283777876.13	412213.28	3777876.1	0.008456377	0.002416108	0.009060404	0.004228188	0.004228188	0.004228188	0.002416108	0.002416108	0.002416108	8.39889E-08	1.47781E-06	0	1.5618E-06	1.561800548	412213.28	3777876
412233.283777876.13	412233.28	3777876.1	0.008179047	0.00233687	0.008763264	0.004089523	0.004089523	0.004089523	0.00233687	0.00233687	0.00233687	8.12345E-08	1.42935E-06	0	1.51058E-06	1.510580727	412233.28	3777876
412273.283777876.13	412273.28	3777876.1	0.007274999	0.002078571	0.007794642	0.003637499	0.003637499	0.003637499	0.002078571	0.002078571	0.002078571	7.22555E-08	1.27136E-06	0	1.34361E-06	1.343612974	412273.28	3777876
412293.283777876.13	412293.28	3777876.1	0.006643272	0.001898078	0.007117791	0.003321636	0.003321636	0.003321636	0.001898078	0.001898078	0.001898078	6.59811E-08	1.16096E-06	0	1.22694E-06	1.226939814	412293.28	3777876
412313.283777876.13	412313.28	3777876.1	0.005992811	0.001712232	0.006420869	0.002996405	0.002996405	0.002996405	0.001712232	0.001712232	0.001712232	5.95207E-08	1.04729E-06	0	1.10681E-06	1.106806824	412313.28	3777876
412333.283777876.13	412333.28	3777876.1	0.005370838	0.001534525	0.00575447	0.002685419	0.002685419	0.002685419	0.001534525	0.001534525	0.001534525	5.33433E-08	9.38592E-07	0	9.91935E-07	0.991935251	412333.28	3777876
412353.283777876.13	412353.28	3777876.1	0.00480466	0.00137276	0.00514785	0.00240233	0.00240233	0.00240233	0.00137276	0.00137276	0.00137276	4.772E-08	8.39648E-07	0	8.87368E-07	0.887368238	412353.28	3777876
412373.283777876.13	412373.28	3777876.1	0.004297927	0.001227979	0.004604921	0.002148963	0.002148963	0.002148963	0.001227979	0.001227979	0.001227979	4.26871E-08	7.51093E-07	0	7.9378E-07	0.793780159	412373.28	3777876
412393.283777876.13	412393.28	3777876.1	0.003846793	0.001099084	0.004121564	0.001923397	0.001923397	0.001923397	0.001099084	0.001099084	0.001099084	3.82064E-08	6.72254E-07	0	7.10461E-07	0.710460804	412393.28	3777876
412413.283777876.13	412413.28	3777876.1	0.003452777	0.000986508	0.003699404	0.001726389	0.001726389	0.001726389	0.000986508									

412413.283777896.13	412413.28	3777896.1	0.003177988	0.000907996	0.003404987	0.001588994	0.001588994	0.001588994	0.001588994	0.000907996	0.000907996	0.000907996	3.15639E-08	5.55376E-07	0	5.8694E-07	0.586939656	412413.28	3777896
412433.283777896.13	412433.28	3777896.1	0.002896636	0.00082761	0.003103538	0.001448318	0.001448318	0.001448318	0.001448318	0.00082761	0.00082761	0.00082761	2.87695E-08	5.06208E-07	0	5.34977E-07	0.534977047	412433.28	3777896
412453.283777896.13	412453.28	3777896.1	0.002644901	0.000755686	0.002833822	0.00132245	0.00132245	0.00132245	0.00132245	0.000755686	0.000755686	0.000755686	2.62692E-08	4.62215E-07	0	4.88484E-07	0.488484358	412453.28	3777896
412473.283777896.13	412473.28	3777896.1	0.002419643	0.000691327	0.002592475	0.001209822	0.001209822	0.001209822	0.001209822	0.000691327	0.000691327	0.000691327	2.4032E-08	4.2285E-07	0	4.46882E-07	0.446881693	412473.28	3777896
411913.283777916.13	411913.28	3777916.1	0.001992306	0.00056923	0.002134613	0.000996153	0.000996153	0.000996153	0.000996153	0.00056923	0.00056923	0.00056923	1.97876E-08	3.4817E-07	0	3.67957E-07	0.367957169	411913.28	3777916
411933.283777916.13	411933.28	3777916.1	0.002288404	0.00065383	0.002451862	0.001144202	0.001144202	0.001144202	0.001144202	0.00065383	0.00065383	0.00065383	2.27285E-08	3.99915E-07	0	4.22643E-07	0.422643335	411933.28	3777916
411953.283777916.13	411953.28	3777916.1	0.002611738	0.000746211	0.002798291	0.001305869	0.001305869	0.001305869	0.001305869	0.000746211	0.000746211	0.000746211	2.59398E-08	4.5642E-07	0	4.8236E-07	0.482359612	411953.28	3777916
411973.283777916.13	411973.28	3777916.1	0.002954847	0.000844242	0.003165907	0.001477423	0.001477423	0.001477423	0.001477423	0.000844242	0.000844242	0.000844242	2.93476E-08	5.1638E-07	0	5.45728E-07	0.545727932	411973.28	3777916
411993.283777916.13	411993.28	3777916.1	0.003292486	0.00094071	0.003527664	0.001646243	0.001646243	0.001646243	0.001646243	0.00094071	0.00094071	0.00094071	3.27011E-08	5.75385E-07	0	6.08086E-07	0.60808632	411993.28	3777916
412013.283777916.13	412013.28	3777916.1	0.003610846	0.00103167	0.003868764	0.001805423	0.001805423	0.001805423	0.001805423	0.00103167	0.00103167	0.00103167	3.5863E-08	6.31021E-07	0	6.66884E-07	0.666883885	412013.28	3777916
412033.283777916.13	412033.28	3777916.1	0.003905075	0.001115736	0.004184009	0.001952537	0.001952537	0.001952537	0.001952537	0.001115736	0.001115736	0.001115736	3.87853E-08	6.82439E-07	0	7.21225E-07	0.72122472	412033.28	3777916
412053.283777916.13	412053.28	3777916.1	0.004170921	0.001191692	0.004468844	0.002085461	0.002085461	0.002085461	0.002085461	0.001191692	0.001191692	0.001191692	4.14257E-08	7.28898E-07	0	7.70324E-07	0.770323684	412053.28	3777916
412073.283777916.13	412073.28	3777916.1	0.004401312	0.001257518	0.004715692	0.002200656	0.002200656	0.002200656	0.002200656	0.001257518	0.001257518	0.001257518	4.37139E-08	7.6916E-07	0	8.12874E-07	0.812874382	412073.28	3777916
412093.283777916.13	412093.28	3777916.1	0.004609089	0.001316883	0.00493831	0.002304545	0.002304545	0.002304545	0.002304545	0.001316883	0.001316883	0.001316883	4.57776E-08	8.05471E-07	0	8.51249E-07	0.851248524	412093.28	3777916
412113.283777916.13	412113.28	3777916.1	0.004775007	0.001364288	0.005116079	0.002387504	0.002387504	0.002387504	0.002387504	0.001364288	0.001364288	0.001364288	4.74255E-08	8.34466E-07	0	8.81892E-07	0.881891803	412113.28	3777916
412133.283777916.13	412133.28	3777916.1	0.00489441	0.001398403	0.005244011	0.002447205	0.002447205	0.002447205	0.002447205	0.001398403	0.001398403	0.001398403	4.86114E-08	8.55333E-07	0	9.03944E-07	0.903944148	412133.28	3777916
412153.283777916.13	412153.28	3777916.1	0.004987671	0.001425049	0.005343933	0.002493835	0.002493835	0.002493835	0.002493835	0.001425049	0.001425049	0.001425049	4.95377E-08	8.71631E-07	0	9.21168E-07	0.921168368	412153.28	3777916
412173.283777916.13	412173.28	3777916.1	0.005037397	0.001439256	0.005397211	0.002518698	0.002518698	0.002518698	0.002518698	0.001439256	0.001439256	0.001439256	5.00315E-08	8.80932E-07	0	9.30352E-07	0.93035223	412173.28	3777916
412193.283777916.13	412193.28	3777916.1	0.004994603	0.001427029	0.00535136	0.002497301	0.002497301	0.002497301	0.002497301	0.001427029	0.001427029	0.001427029	4.96065E-08	8.72842E-07	0	9.22449E-07	0.9224487	412193.28	3777916
412213.283777916.13	412213.28	3777916.1	0.004963998	0.001418285	0.00531857	0.002481999	0.002481999	0.002481999	0.002481999	0.001418285	0.001418285	0.001418285	4.93026E-08	8.67494E-07	0	9.16796E-07	0.916796341	412213.28	3777916
412233.283777916.13	412233.28	3777916.1	0.004890547	0.001397299	0.005239872	0.002445273	0.002445273	0.002445273	0.002445273	0.001397299	0.001397299	0.001397299	4.8573E-08	8.54658E-07	0	9.03231E-07	0.90323068	412233.28	3777916
412273.283777916.13	412273.28	3777916.1	0.004629534	0.001322724	0.004960215	0.002314767	0.002314767	0.002314767	0.002314767	0.001322724	0.001322724	0.001322724	4.59806E-08	8.09044E-07	0	8.55024E-07	0.855024365	412273.28	3777916
412293.283777916.13	412293.28	3777916.1	0.004417876	0.00126225	0.004733438	0.002208938	0.002208938	0.002208938	0.002208938	0.00126225	0.00126225	0.00126225	4.38785E-08	7.72055E-07	0	8.15933E-07	0.815933497	412293.28	3777916
412313.283777916.13	412313.28	3777916.1	0.004180517	0.001194434	0.004479126	0.002090259	0.002090259	0.002090259	0.002090259	0.001194434	0.001194434	0.001194434	4.1521E-08	7.30575E-07	0	7.72096E-07	0.772095951	412313.28	3777916
412333.283777916.13	412333.28	3777916.1	0.003920897	0.001120256	0.004200962	0.001960449	0.001960449	0.001960449	0.001960449	0.001120256	0.001120256	0.001120256	3.89424E-08	6.85205E-07	0	7.24147E-07	0.724147006	412333.28	3777916
412353.283777916.13	412353.28	3777916.1	0.003648577	0.001042451	0.00390919	0.001824289	0.001824289	0.001824289	0.001824289	0.001042451	0.001042451	0.001042451	3.62378E-08	6.37615E-07	0	6.73852E-07	0.673852413	412353.28	3777916
412373.283777916.13	412373.28	3777916.1	0.003385553	0.000967301	0.003627378	0.001692776	0.001692776	0.001692776	0.001692776	0.000967301	0.000967301	0.000967301	3.36254E-08	5.91649E-07	0	6.25275E-07	0.625274704	412373.28	3777916
412393.283777916.13	412393.28	3777916.1	0.003132442	0.000894983	0.003356188	0.001566221	0.001566221	0.001566221	0.001566221	0.000894983	0.000894983	0.000894983	3.11115E-08	5.47416E-07	0	5.78528E-07	0.578527903	412393.28	3777916
412413.283777916.13	412413.28	3777916.1	0.002891344	0.000826098	0.003097869	0.001445672	0.001445672	0.001445672	0.001445672	0.000826098	0.000826098	0.000826098	2.87169E-08	5.05283E-07	0	5.34E-07	0.533999694	412413.28	3777916
412433.283777916.13	412433.28	3777916.1	0.002667092	0.000762026	0.002857598	0.001333546	0.001333546	0.001333546	0.001333546	0.000762026	0.000762026	0.000762026	2.64896E-08	4.66093E-07	0	4.92583E-07	0.492582726	412433.28	3777916
412453.283777916.13	412453.28	3777916.1	0.002461273	0.000703221	0.002637078	0.001230636	0.001230636	0.001230636	0.001230636	0.000703221	0.000703221	0.000703221	2.44454E-08	4.30125E-07	0	4.5457E-07	0.454570204	412453.28	3777916
412473.283777916.13	412473.28	3777916.1	0.002273358	0.000649531	0.002435741	0.001136679	0.001136679	0.001136679	0.001136679	0.000649531	0.000649531	0.000649531	2.2579E-08	3.97285E-07	0	4.19864E-07	0.419864394	412473.28	3777916
411913.283777956.13	411913.28	3777956.1	0.001351247	0.000386071	0.001447765	0.000675624	0.000675624	0.000675624	0.000675624	0.000386071	0.000386071	0.000386071	1.34206E-08	2.3614E-07	0	2.49561E-07	0.249560609	411913.28	3777956
411933.283777956.13	411933.28	3777956.1	0.001500549	0.000428728	0.001607731	0.000750274	0.000750274	0.000750274	0.000750274	0.000428728	0.000428728	0.000428728	1.49035E-08	2.62232E-07	0	2.77135E-07	0.277134999	411933.28	3777956
411953.283777956.13	411953.28	3777956.1	0.001664668	0.000475619	0.001783573	0.000832334	0.000832334	0.000832334	0.000832334	0.000475619	0.000475619	0.000475619	1.65335E-08	2.90912E-07	0	3.07446E-07	0.307445978	411953.28	3777956
411973.283777956.13	411973.28	3777956.1	0.001838594	0.000525313	0.001969922	0.000919297	0.000919297	0.000919297	0.000919297	0.000525313	0.000525313	0.000525313	1.8261E-08	3.21307E-07	0	3.39568E-07	0.339568318	411973.28	3777956
411993.283777956.13	411993.28	3777956.1	0.002021464	0.000577561	0.002165854	0.001010732	0.001010732	0.001010732	0.001010732	0.000577561	0.000577561	0.000577561	2.00772E-08	3.53265E-07	0	3.73342E-07	0.373342385	411993.28	3777956
412013.283777956.13	412013.28	3777956.1	0.002202147	0.000629185	0.002359443	0.001101073	0.001101073	0.001101073	0.001101073	0.000629185	0.000629185	0.000629185	2.18718E-08	3.84841E-07	0	4.06712E-07	0.406712479	412013.28	3777956
412033.283777956.13	412033.28	3777956.1	0.002376444	0.000678984	0.00254619	0.001188222	0.001188222	0.001188222	0.001188222	0.000678984	0.000678984	0.000678984	2.36029E-08	4.153E-07	0	4.38903E-07	0.438903233	412033.28	3777956
412053.283777956.13	412053.28	3777956.1	0.002544285	0.000726938	0.002726019	0.001272142	0.001272142	0.001272142	0.001272142	0.000726938	0.000726938	0.000726938	2.52699E-08	4.44632E-07	0</				

412073.283777976.13	412073.28	3777976.1	0.002177963	0.000622275	0.002333532	0.001088981	0.001088981	0.001088981	0.000622275	0.000622275	0.000622275	2.16316E-08	3.80614E-07	0	4.02246E-07	0.402245975	412073.28	3777976
412093.283777976.13	412093.28	3777976.1	0.002291491	0.000654712	0.002455169	0.001145746	0.001145746	0.001145746	0.000654712	0.000654712	0.000654712	2.27591E-08	4.00454E-07	0	4.23213E-07	0.423213458	412093.28	3777976
412113.283777976.13	412113.28	3777976.1	0.002393043	0.000683726	0.002563974	0.001196521	0.001196521	0.001196521	0.000683726	0.000683726	0.000683726	2.37678E-08	4.18201E-07	0	4.41969E-07	0.441968864	412113.28	3777976
412133.283777976.13	412133.28	3777976.1	0.002479794	0.000708513	0.002656922	0.001239897	0.001239897	0.001239897	0.000708513	0.000708513	0.000708513	2.46294E-08	4.33362E-07	0	4.57991E-07	0.45799094	412133.28	3777976
412153.283777976.13	412153.28	3777976.1	0.002553863	0.000729675	0.002736282	0.001276931	0.001276931	0.001276931	0.000729675	0.000729675	0.000729675	2.5365E-08	4.46306E-07	0	4.71671E-07	0.471670626	412153.28	3777976
412173.283777976.13	412173.28	3777976.1	0.002609728	0.000745636	0.002796137	0.001304864	0.001304864	0.001304864	0.000745636	0.000745636	0.000745636	2.59199E-08	4.56068E-07	0	4.81988E-07	0.481988218	412173.28	3777976
412193.283777976.13	412193.28	3777976.1	0.002607787	0.000745082	0.002794058	0.001303894	0.001303894	0.001303894	0.000745082	0.000745082	0.000745082	2.59006E-08	4.55729E-07	0	4.8163E-07	0.481629855	412193.28	3777976
412213.283777976.13	412213.28	3777976.1	0.002633947	0.000752556	0.002822086	0.001316973	0.001316973	0.001316973	0.000752556	0.000752556	0.000752556	2.61604E-08	4.60301E-07	0	4.86461E-07	0.486461237	412213.28	3777976
412233.283777976.13	412233.28	3777976.1	0.002640897	0.000754542	0.002829532	0.001320448	0.001320448	0.001320448	0.000754542	0.000754542	0.000754542	2.62295E-08	4.61515E-07	0	4.87745E-07	0.487744828	412233.28	3777976
412273.283777976.13	412273.28	3777976.1	0.002615478	0.000747279	0.002802298	0.001307739	0.001307739	0.001307739	0.000747279	0.000747279	0.000747279	2.5977E-08	4.57073E-07	0	4.8305E-07	0.483050275	412273.28	3777976
412293.283777976.13	412293.28	3777976.1	0.002569456	0.00073413	0.002752989	0.001284728	0.001284728	0.001284728	0.00073413	0.00073413	0.00073413	2.55199E-08	4.49031E-07	0	4.74551E-07	0.47455056	412293.28	3777976
412313.283777976.13	412313.28	3777976.1	0.002513944	0.00071827	0.002693512	0.001256972	0.001256972	0.001256972	0.00071827	0.00071827	0.00071827	2.49686E-08	4.3933E-07	0	4.64298E-07	0.464298126	412313.28	3777976
412333.283777976.13	412333.28	3777976.1	0.002448078	0.000699451	0.002622941	0.001224039	0.001224039	0.001224039	0.000699451	0.000699451	0.000699451	2.43144E-08	4.27819E-07	0	4.52133E-07	0.452133337	412333.28	3777976
412353.283777976.13	412353.28	3777976.1	0.002366618	0.000676177	0.002535663	0.001183309	0.001183309	0.001183309	0.000676177	0.000676177	0.000676177	2.35053E-08	4.13583E-07	0	4.37089E-07	0.437088614	412353.28	3777976
412373.283777976.13	412373.28	3777976.1	0.002279355	0.000651244	0.002442166	0.001139678	0.001139678	0.001139678	0.000651244	0.000651244	0.000651244	2.26386E-08	3.9833E-07	0	4.20972E-07	0.420972061	412373.28	3777976
412393.283777976.13	412393.28	3777976.1	0.002183061	0.000623732	0.002338994	0.00109153	0.00109153	0.00109153	0.000623732	0.000623732	0.000623732	2.16822E-08	3.81505E-07	0	4.03187E-07	0.403187492	412393.28	3777976
412413.283777976.13	412413.28	3777976.1	0.002084332	0.000595523	0.002233213	0.001042166	0.001042166	0.001042166	0.000595523	0.000595523	0.000595523	2.07016E-08	3.64252E-07	0	3.84953E-07	0.38495334	412413.28	3777976
412433.283777976.13	412433.28	3777976.1	0.001983768	0.000566791	0.002125466	0.000991884	0.000991884	0.000991884	0.000566791	0.000566791	0.000566791	1.97028E-08	3.46678E-07	0	3.6638E-07	0.366380372	412433.28	3777976
412453.283777976.13	412453.28	3777976.1	0.001884475	0.000538421	0.00201908	0.000942237	0.000942237	0.000942237	0.000538421	0.000538421	0.000538421	1.87167E-08	3.29325E-07	0	3.48042E-07	0.34804197	412453.28	3777976
412473.283777976.13	412473.28	3777976.1	0.00178527	0.000510077	0.001912789	0.000892635	0.000892635	0.000892635	0.000510077	0.000510077	0.000510077	1.77313E-08	3.11989E-07	0	3.2972E-07	0.3297219856	412473.28	3777976
412265.323777635.3	412265.32	3777635.3	0.003882637	0.001109325	0.004159968	0.001941319	0.001941319	0.001941319	0.001109325	0.001109325	0.001109325	3.85624E-08	6.78518E-07	0	7.17081E-07	0.717080743	412265.32	3777635
412285.323777635.3	412285.32	3777635.3	0.003488604	0.000996744	0.003737789	0.001744302	0.001744302	0.001744302	0.000996744	0.000996744	0.000996744	3.46489E-08	6.09658E-07	0	6.44307E-07	0.644307028	412285.32	3777635
412305.323777635.3	412305.32	3777635.3	0.003129108	0.000894031	0.003352616	0.001564554	0.001564554	0.001564554	0.000894031	0.000894031	0.000894031	3.10784E-08	5.46834E-07	0	5.77912E-07	0.577912171	412305.32	3777635
412325.323777635.3	412325.32	3777635.3	0.002788152	0.000796615	0.002987306	0.001394076	0.001394076	0.001394076	0.000796615	0.000796615	0.000796615	2.7692E-08	4.87249E-07	0	5.14941E-07	0.514941308	412325.32	3777635
412345.323777635.3	412345.32	3777635.3	0.002486109	0.000710317	0.002663688	0.001243055	0.001243055	0.001243055	0.000710317	0.000710317	0.000710317	2.46921E-08	4.34465E-07	0	4.59157E-07	0.459157248	412345.32	3777635
412365.323777635.3	412365.32	3777635.3	0.002226101	0.000636029	0.002385109	0.001113051	0.001113051	0.001113051	0.000636029	0.000636029	0.000636029	2.21097E-08	3.89027E-07	0	4.11137E-07	0.411136631	412365.32	3777635
412385.323777635.3	412385.32	3777635.3	0.002000826	0.000571665	0.002143742	0.001000413	0.001000413	0.001000413	0.000571665	0.000571665	0.000571665	1.98723E-08	3.49658E-07	0	3.69531E-07	0.369530707	412385.32	3777635
412405.323777635.3	412405.32	3777635.3	0.00180425	0.0005155	0.001933125	0.000902125	0.000902125	0.000902125	0.0005155	0.0005155	0.0005155	1.79199E-08	3.15305E-07	0	3.33225E-07	0.333225296	412405.32	3777635
412425.323777635.3	412425.32	3777635.3	0.001633657	0.000466759	0.001750347	0.000816829	0.000816829	0.000816829	0.000466759	0.000466759	0.000466759	1.62255E-08	2.85493E-07	0	3.01719E-07	0.301718689	412425.32	3777635
412445.323777635.3	412445.32	3777635.3	0.001447436	0.000413553	0.001550824	0.000723718	0.000723718	0.000723718	0.000413553	0.000413553	0.000413553	1.4376E-08	2.5295E-07	0	2.67326E-07	0.267325631	412445.32	3777635
412465.323777635.3	412465.32	3777635.3	0.001320872	0.000377392	0.00141522	0.000660436	0.000660436	0.000660436	0.000377392	0.000377392	0.000377392	1.31189E-08	2.30832E-07	0	2.43951E-07	0.243950602	412465.32	3777635
412485.323777635.3	412485.32	3777635.3	0.001211206	0.000346059	0.001297721	0.000605603	0.000605603	0.000605603	0.000346059	0.000346059	0.000346059	1.20297E-08	2.11667E-07	0	2.23697E-07	0.223696587	412485.32	3777635
412265.323777655.3	412265.32	3777655.3	0.006287057	0.001796302	0.006736133	0.003143529	0.003143529	0.003143529	0.001796302	0.001796302	0.001796302	6.24432E-08	1.09871E-06	0	1.16115E-06	1.161150916	412265.32	3777655
412285.323777655.3	412285.32	3777655.3	0.005205114	0.001487175	0.005576908	0.002602557	0.002602557	0.002602557	0.001487175	0.001487175	0.001487175	5.16973E-08	9.0963E-07	0	9.61328E-07	0.961327808	412285.32	3777655
412305.323777655.3	412305.32	3777655.3	0.004343419	0.001240977	0.004653663	0.00217171	0.00217171	0.00217171	0.001240977	0.001240977	0.001240977	4.31389E-08	7.59043E-07	0	8.02182E-07	0.802182138	412305.32	3777655
412325.323777655.3	412325.32	3777655.3	0.003686044	0.001053155	0.003949333	0.001843022	0.001843022	0.001843022	0.001053155	0.001053155	0.001053155	3.66099E-08	6.44162E-07	0	6.80772E-07	0.680772073	412325.32	3777655
412345.323777655.3	412345.32	3777655.3	0.003170808	0.000905945	0.003397295	0.001585404	0.001585404	0.001585404	0.000905945	0.000905945	0.000905945	3.14925E-08	5.54121E-07	0	5.85614E-07	0.585613714	412345.32	3777655
412365.323777655.3	412365.32	3777655.3	0.002762592	0.000789312	0.00295992	0.001381296	0.001381296	0.001381296	0.000789312	0.000789312	0.000789312	2.74381E-08	4.82783E-07	0	5.10221E-07	0.510220692	412365.32	3777655
412385.323777655.3	412385.32	3777655.3	0.002381101	0.000680314	0.002551179	0.00119055	0.00119055	0.00119055	0.000680314	0.000680314	0.000680314	2.36491E-08	4.16114E-07	0	4.39763E-07	0.439763304	412385.32	3777655
412405.323777655.3	412405.32	3777655.3	0.002113349	0.000603814	0.002264302	0.001056674	0.001056674	0.001056674	0.000603814	0.000603814	0.000603814	2.09898E-08	3.69323E-07	0	3.90312E-07	0.390312493	412405.32	3777655
412425.323777655.3	412425.32	3777655.3	0.001888409	0.000539545	0.002023295	0.000944204	0.000944204	0.000944204	0.000539545	0.000539545	0.000539545	1.87557E-08	3.30013E-07	0	3.48768E-07	0.348768469	412425.32	3777655
412445.323777655.3	412445.32	3777655.3	0.001698994	0.000485427	0.001820351	0.000849497	0.000849497	0.000849497	0.000485427	0.000485427	0.000485427	1.68745E-08	2.96911E-07	0	3.13786E-07	0.313785742	412445.32	37776

412465.323777715.3	412465.32	3777715.3	0.002215147	0.000632899	0.002373372	0.001107574	0.001107574	0.001107574	0.000632899	0.000632899	0.000632899	2.20009E-08	3.87113E-07	0	4.09114E-07	0.40911351	412465.32	3777715
412485.323777715.3	412485.32	3777715.3	0.00196791	0.00056226	0.002108475	0.000983955	0.000983955	0.000983955	0.00056226	0.00056226	0.00056226	1.95453E-08	3.43906E-07	0	3.63452E-07	0.363451571	412485.32	3777715
412265.323777735.3	412265.32	3777735.3	0.021569787	0.006162796	0.023110486	0.010784894	0.010784894	0.010784894	0.006162796	0.006162796	0.006162796	2.14232E-07	3.76947E-06	0	3.9837E-06	3.983704439	412265.32	3777735
412285.323777735.3	412285.32	3777735.3	0.014499584	0.004142738	0.015535269	0.007249792	0.007249792	0.007249792	0.004142738	0.004142738	0.004142738	1.4401E-07	2.5339E-06	0	2.67792E-06	2.677915031	412285.32	3777735
412305.323777735.3	412305.32	3777735.3	0.010565122	0.003018606	0.011319773	0.005282561	0.005282561	0.005282561	0.003018606	0.003018606	0.003018606	1.04933E-07	1.84633E-06	0	1.95126E-06	1.951262743	412305.32	3777735
412325.323777735.3	412325.32	3777735.3	0.008123059	0.002320874	0.008703277	0.004061529	0.004061529	0.004061529	0.002320874	0.002320874	0.002320874	8.06784E-08	1.41956E-06	0	1.50024E-06	1.500240331	412325.32	3777735
412345.323777735.3	412345.32	3777735.3	0.006422018	0.001834862	0.006880734	0.003211009	0.003211009	0.003211009	0.001834862	0.001834862	0.001834862	6.37836E-08	1.12229E-06	0	1.18608E-06	1.186076679	412345.32	3777735
412365.323777735.3	412365.32	3777735.3	0.005228293	0.001493798	0.005601742	0.002614146	0.002614146	0.002614146	0.001493798	0.001493798	0.001493798	5.19275E-08	9.13681E-07	0	9.65609E-07	0.965608615	412365.32	3777735
412385.323777735.3	412385.32	3777735.3	0.004342414	0.00124069	0.004652586	0.002171207	0.002171207	0.002171207	0.00124069	0.00124069	0.00124069	4.3129E-08	7.58867E-07	0	8.01996E-07	0.801996441	412385.32	3777735
412405.323777735.3	412405.32	3777735.3	0.003686732	0.001053352	0.00395007	0.001843366	0.001843366	0.001843366	0.001053352	0.001053352	0.001053352	3.66167E-08	6.44282E-07	0	6.80899E-07	0.680899129	412405.32	3777735
412425.323777735.3	412425.32	3777735.3	0.0031616	0.000903314	0.003387429	0.0015808	0.0015808	0.0015808	0.000903314	0.000903314	0.000903314	3.14011E-08	5.52512E-07	0	5.83913E-07	0.583913119	412425.32	3777735
412445.323777735.3	412445.32	3777735.3	0.002748375	0.00078525	0.002944687	0.001374187	0.001374187	0.001374187	0.00078525	0.00078525	0.00078525	2.72969E-08	4.80298E-07	0	5.07595E-07	0.50759487	412445.32	3777735
412465.323777735.3	412465.32	3777735.3	0.002413716	0.000689633	0.002586124	0.001206858	0.001206858	0.001206858	0.000689633	0.000689633	0.000689633	2.39731E-08	4.21814E-07	0	4.45787E-07	0.445787057	412465.32	3777735
412485.323777735.3	412485.32	3777735.3	0.002141008	0.000611717	0.002293937	0.001070504	0.001070504	0.001070504	0.000611717	0.000611717	0.000611717	2.12645E-08	3.74156E-07	0	3.95421E-07	0.395420792	412485.32	3777735
412265.323777755.3	412265.32	3777755.3	0.022761061	0.00650316	0.024386851	0.01138053	0.01138053	0.01138053	0.00650316	0.00650316	0.00650316	2.26063E-07	3.97766E-06	0	4.20372E-06	4.203719662	412265.32	3777755
412285.323777755.3	412285.32	3777755.3	0.015512062	0.004432018	0.016620067	0.007756031	0.007756031	0.007756031	0.004432018	0.004432018	0.004432018	1.54066E-07	2.71084E-06	0	2.86491E-06	2.86490875	412285.32	3777755
412305.323777755.3	412305.32	3777755.3	0.011409495	0.003259856	0.012224458	0.005704747	0.005704747	0.005704747	0.003259856	0.003259856	0.003259856	1.13319E-07	1.99389E-06	0	2.10721E-06	2.107209211	412305.32	3777755
412325.323777755.3	412325.32	3777755.3	0.008779587	0.002508453	0.009406701	0.004389794	0.004389794	0.004389794	0.002508453	0.002508453	0.002508453	8.71991E-08	1.53429E-06	0	1.62149E-06	1.62149402	412325.32	3777755
412345.323777755.3	412345.32	3777755.3	0.006946179	0.001984623	0.007442335	0.003473089	0.003473089	0.003473089	0.001984623	0.001984623	0.001984623	6.89896E-08	1.21389E-06	0	1.28288E-06	1.282883508	412345.32	3777755
412365.323777755.3	412365.32	3777755.3	0.005653019	0.001615148	0.006056806	0.00282651	0.00282651	0.00282651	0.001615148	0.001615148	0.001615148	5.61459E-08	9.87905E-07	0	1.04405E-06	1.044050978	412365.32	3777755
412385.323777755.3	412385.32	3777755.3	0.004692595	0.001340741	0.005027781	0.002346298	0.002346298	0.002346298	0.001340741	0.001340741	0.001340741	4.6607E-08	8.20064E-07	0	8.66671E-07	0.866671157	412385.32	3777755
412405.323777755.3	412405.32	3777755.3	0.003969636	0.001134182	0.004253181	0.001984818	0.001984818	0.001984818	0.001134182	0.001134182	0.001134182	3.94265E-08	6.93722E-07	0	7.33148E-07	0.733148428	412405.32	3777755
412425.323777755.3	412425.32	3777755.3	0.003409508	0.000974145	0.003653044	0.001704754	0.001704754	0.001704754	0.000974145	0.000974145	0.000974145	3.38633E-08	5.95836E-07	0	6.29699E-07	0.629698856	412425.32	3777755
412445.323777755.3	412445.32	3777755.3	0.002960562	0.000845875	0.00317203	0.001480281	0.001480281	0.001480281	0.000845875	0.000845875	0.000845875	2.94044E-08	5.17379E-07	0	5.46783E-07	0.546783473	412445.32	3777755
412465.323777755.3	412465.32	3777755.3	0.002597962	0.000742275	0.002783531	0.001298981	0.001298981	0.001298981	0.000742275	0.000742275	0.000742275	2.5803E-08	4.54012E-07	0	4.79815E-07	0.479815236	412465.32	3777755
412485.323777755.3	412485.32	3777755.3	0.0022995	0.000657	0.00246375	0.00114975	0.00114975	0.00114975	0.000657	0.000657	0.000657	2.28387E-08	4.01854E-07	0	4.24693E-07	0.424692519	412485.32	3777755
412265.323777775.3	412265.32	3777775.3	0.022896021	0.00654172	0.024531451	0.011448011	0.011448011	0.011448011	0.00654172	0.00654172	0.00654172	2.27404E-07	4.00124E-06	0	4.22865E-06	4.228645425	412265.32	3777775
412285.323777775.3	412285.32	3777775.3	0.01580839	0.004516683	0.016937561	0.007904195	0.007904195	0.007904195	0.004516683	0.004516683	0.004516683	1.57009E-07	2.76263E-06	0	2.91964E-06	2.919637268	412285.32	3777775
412305.323777775.3	412305.32	3777775.3	0.011710444	0.003345841	0.012546904	0.005855222	0.005855222	0.005855222	0.003345841	0.003345841	0.003345841	1.16308E-07	2.04648E-06	0	2.16279E-06	2.162791284	412305.32	3777775
412325.323777775.3	412325.32	3777775.3	0.009067483	0.00259071	0.009715161	0.004533742	0.004533742	0.004533742	0.00259071	0.00259071	0.00259071	9.00585E-08	1.58461E-06	0	1.67467E-06	1.674665288	412325.32	3777775
412465.323777775.3	412465.32	3777775.3	0.002734493	0.000781284	0.002929813	0.001367246	0.001367246	0.001367246	0.000781284	0.000781284	0.000781284	2.7159E-08	4.77872E-07	0	5.05031E-07	0.505030947	412465.32	3777775
412485.323777775.3	412485.32	3777775.3	0.002418214	0.000690918	0.002590944	0.001209107	0.001209107	0.001209107	0.000690918	0.000690918	0.000690918	2.40178E-08	4.226E-07	0	4.46618E-07	0.446617808	412485.32	3777775
412265.323777795.3	412265.32	3777795.3	0.021877792	0.006250798	0.023440492	0.010938896	0.010938896	0.010938896	0.006250798	0.006250798	0.006250798	2.17291E-07	3.8233E-06	0	4.04059E-06	4.040589649	412265.32	3777795
412285.323777795.3	412285.32	3777795.3	0.015218963	0.004348275	0.016306031	0.007609481	0.007609481	0.007609481	0.004348275	0.004348275	0.004348275	1.51155E-07	2.65962E-06	0	2.81078E-06	2.810776417	412285.32	3777795
412305.323777795.3	412305.32	3777795.3	0.011402051	0.003257729	0.012216483	0.005701025	0.005701025	0.005701025	0.003257729	0.003257729	0.003257729	1.13245E-07	1.99259E-06	0	2.10583E-06	2.105834401	412305.32	3777795
412325.323777795.3	412325.32	3777795.3	0.008929877	0.002551393	0.009567725	0.004464938	0.004464938	0.004464938	0.002551393	0.002551393	0.002551393	8.86918E-08	1.56056E-06	0	1.64925E-06	1.649250849	412325.32	3777795
412345.323777795.3	412345.32	3777795.3	0.007200542	0.002057298	0.007714867	0.003600271	0.003600271	0.003600271	0.002057298	0.002057298	0.002057298	7.1516E-08	1.25835E-06	0	1.32986E-06	1.329861616	412345.32	3777795
412365.323777795.3	412365.32	3777795.3	0.005949171	0.001699763	0.006374111	0.002974585	0.002974585	0.002974585	0.001699763	0.001699763	0.001699763	5.90873E-08	1.03966E-06	0	1.09875E-06	1.098746918	412365.32	3777795
412385.323777795.3	412385.32	3777795.3	0.005000212	0.001428632	0.00535737	0.002500106	0.002500106	0.002500106	0.001428632	0.001428632	0.001428632	4.96622E-08	8.73822E-07	0	9.23485E-07	0.923484695	412385.32	3777795
412405.323777795.3	412405.32	3777795.3	0.004261995	0.001217713	0.004566423	0.002130997	0.002130997	0.002130997	0.001217713	0.001217713	0.001217713	4.23302E-08	7.44814E-07	0	7.87144E-07	0.787143931	412405.32	3777795
412425.323777795.3	412425.32	3777795.3	0.003676395	0.001050399	0.003938994	0.001838197	0.001838197	0.001838197	0.001050399	0.001050399	0.001050399	3.6514E-08	6.42476E-07	0	6.7899E-07	0.678990033	412425.32	3777795
412445.323777795.3	412445.32	3777795.3	0.003204535	0.000915581	0.003433431	0.001602268	0.001602268	0.001602268	0.000915581	0.000915581	0.000915581	3.18275E-08	5.60015E-07	0	5.91843E-07	0.591842711	412445.32	3777795
412465.323777795.3	412465.32	37777																

412261.973778024.79	412261.97	3778024.8	0.001741735	0.000497639	0.001866145	0.000870868	0.000870868	0.000870868	0.000497639	0.000497639	0.000497639	1.7299E-08	3.04381E-07	0	3.21679E-07	0.321679498	412261.97	3778025
412281.973778024.79	412281.97	3778024.8	0.001730287	0.000494368	0.001853879	0.000865144	0.000865144	0.000865144	0.000494368	0.000494368	0.000494368	1.71853E-08	3.0238E-07	0	3.19565E-07	0.319565157	412281.97	3778025
412301.973778024.79	412301.97	3778024.8	0.001716158	0.000490331	0.00183874	0.000858079	0.000858079	0.000858079	0.000490331	0.000490331	0.000490331	1.70449E-08	2.99911E-07	0	3.16956E-07	0.316955624	412301.97	3778025
412321.973778024.79	412321.97	3778024.8	0.001708255	0.000488073	0.001830273	0.000854128	0.000854128	0.000854128	0.000488073	0.000488073	0.000488073	1.69664E-08	2.9853E-07	0	3.15496E-07	0.31549611	412321.97	3778025
412341.973778024.79	412341.97	3778024.8	0.001691939	0.000483411	0.001812791	0.000845969	0.000845969	0.000845969	0.000483411	0.000483411	0.000483411	1.68044E-08	2.95678E-07	0	3.12483E-07	0.312482604	412341.97	3778025
412361.973778024.79	412361.97	3778024.8	0.001666714	0.000476204	0.001785765	0.000833357	0.000833357	0.000833357	0.000476204	0.000476204	0.000476204	1.65538E-08	2.9127E-07	0	3.07824E-07	0.307823888	412361.97	3778025
412261.973778044.79	412261.97	3778044.8	0.001485749	0.0004245	0.001591874	0.000742875	0.000742875	0.000742875	0.0004245	0.0004245	0.0004245	1.47565E-08	2.59645E-07	0	2.74402E-07	0.274401668	412261.97	3778045
412281.973778044.79	412281.97	3778044.8	0.001488148	0.000425185	0.001594444	0.000744074	0.000744074	0.000744074	0.000425185	0.000425185	0.000425185	1.47803E-08	2.60064E-07	0	2.74845E-07	0.274844735	412281.97	3778045
412301.973778044.79	412301.97	3778044.8	0.001483738	0.000423925	0.00158972	0.000741869	0.000741869	0.000741869	0.000423925	0.000423925	0.000423925	1.47365E-08	2.59294E-07	0	2.7403E-07	0.274030274	412301.97	3778045
412321.973778044.79	412321.97	3778044.8	0.001479928	0.000422837	0.001585637	0.000739964	0.000739964	0.000739964	0.000422837	0.000422837	0.000422837	1.46987E-08	2.58628E-07	0	2.73327E-07	0.27332658	412321.97	3778045
412341.973778044.79	412341.97	3778044.8	0.001471479	0.000420422	0.001576584	0.000735739	0.000735739	0.000735739	0.000420422	0.000420422	0.000420422	1.46148E-08	2.57151E-07	0	2.71766E-07	0.271766073	412341.97	3778045
412361.973778044.79	412361.97	3778044.8	0.001457632	0.000416466	0.001561748	0.000728816	0.000728816	0.000728816	0.000416466	0.000416466	0.000416466	1.44772E-08	2.54731E-07	0	2.69209E-07	0.269208665	412361.97	3778045

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)	Wt. Trip Length (mi)	Modeled Trip Length (mi)
Demolition	2026	0.0200		10	0.000251994		
Site Preparation	2026	0.0000		10	0		
Grading	2026	0.0000		10	0		
Building Construction I	2026	0.0000		10	0		
Building Construction II	2027	0.0000		10	0		
Building Construction III	2028	0.0000		10	0		
Paving	2026	0.0000		10	0		
Architectural Coating I	2027	0.0000		10	0		
Architectural Coating II	2028	0.0000		10	0		

Risk Summary	
Maximum Risk, Uncontrolled	0.020
UTM X	412273.28
UTM Y	#N/A

AERMOD Column Identifier: 5 5 5 5 5 5 5 5 5

			Demolition	Site Preparation	Grading	Building Construction I	Building Construction II	Building Construction III	Paving	Architectural Coating I	Architectural Coating II	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2026	2026	2026	2026	2027	2028	2026	2027	2028	3rd Trimester	0<2	2<16	Total	per million
411893.283777816.1	411893.28	3777816.1	0.000162473	0	0	0	0	0	0	0	0	8.71704E-10	0	0	8.71704E-10	0.000871704
411913.283777816.1	411913.28	3777816.1	0.000182242	0	0	0	0	0	0	0	0	9.77769E-10	0	0	9.77769E-10	0.000977769
411933.283777816.1	411933.28	3777816.1	0.000205834	0	0	0	0	0	0	0	0	1.10434E-09	0	0	1.10434E-09	0.001104343
411953.283777816.1	411953.28	3777816.1	0.000234304	0	0	0	0	0	0	0	0	1.25709E-09	0	0	1.25709E-09	0.001257092
411973.283777816.1	411973.28	3777816.1	0.000269032	0	0	0	0	0	0	0	0	1.44341E-09	0	0	1.44341E-09	0.001443412
411993.283777816.1	411993.28	3777816.1	0.000311518	0	0	0	0	0	0	0	0	1.67136E-09	0	0	1.67136E-09	0.00167136
412013.283777816.1	412013.28	3777816.1	0.000362229	0	0	0	0	0	0	0	0	1.94344E-09	0	0	1.94344E-09	0.001943437
412033.283777816.1	412033.28	3777816.1	0.000418512	0	0	0	0	0	0	0	0	2.24541E-09	0	0	2.24541E-09	0.002245406
412053.283777816.1	412053.28	3777816.1	0.000470275	0	0	0	0	0	0	0	0	2.52312E-09	0	0	2.52312E-09	0.002523121
412073.283777816.1	412073.28	3777816.1	0.000509377	0	0	0	0	0	0	0	0	2.73291E-09	0	0	2.73291E-09	0.002732912
412093.283777816.1	412093.28	3777816.1	0.000538918	0	0	0	0	0	0	0	0	2.89141E-09	0	0	2.89141E-09	0.002891407
412113.283777816.1	412113.28	3777816.1	0.000569906	0	0	0	0	0	0	0	0	3.05766E-09	0	0	3.05766E-09	0.003057663
412133.283777816.1	412133.28	3777816.1	0.000613468	0	0	0	0	0	0	0	0	3.29138E-09	0	0	3.29138E-09	0.003291384
412153.283777816.1	412153.28	3777816.1	0.000684057	0	0	0	0	0	0	0	0	3.67011E-09	0	0	3.67011E-09	0.003670107
412173.283777816.1	412173.28	3777816.1	0.000807342	0	0	0	0	0	0	0	0	4.33156E-09	0	0	4.33156E-09	0.00433156
412193.283777816.1	412193.28	3777816.1	0.001038106	0	0	0	0	0	0	0	0	5.56966E-09	0	0	5.56966E-09	0.005569657
412213.283777816.1	412213.28	3777816.1	0.001533182	0	0	0	0	0	0	0	0	8.22584E-09	0	0	8.22584E-09	0.008225843
412233.283777816.1	412233.28	3777816.1	0.002928057	0	0	0	0	0	0	0	0	1.57096E-08	0	0	1.57096E-08	0.015709638
412273.283777816.1	412273.28	3777816.1	0.003469243	0	0	0	0	0	0	0	0	1.86132E-08	0	0	1.86132E-08	0.018613213
412293.283777816.1	412293.28	3777816.1	0.00176796	0	0	0	0	0	0	0	0	9.48548E-09	0	0	9.48548E-09	0.009485477
412313.283777816.1	412313.28	3777816.1	0.001172933	0	0	0	0	0	0	0	0	6.29303E-09	0	0	6.29303E-09	0.006293033
412333.283777816.1	412333.28	3777816.1	0.000869598	0	0	0	0	0	0	0	0	4.66557E-09	0	0	4.66557E-09	0.004665573
412353.283777816.1	412353.28	3777816.1	0.000684266	0	0	0	0	0	0	0	0	3.67123E-09	0	0	3.67123E-09	0.003671229
412373.283777816.1	412373.28	3777816.1	0.000558583	0	0	0	0	0	0	0	0	2.99692E-09	0	0	2.99692E-09	0.002996917
412393.283777816.1	412393.28	3777816.1	0.00046712	0	0	0	0	0	0	0	0	2.50619E-09	0	0	2.50619E-09	0.002506194
412413.283777816.1	412413.28	3777816.1	0.000397612	0	0	0	0	0	0	0	0	2.13327E-09	0	0	2.13327E-09	0.002133271
412433.283777816.1	412433.28	3777816.1	0.000342957	0	0	0	0	0	0	0	0	1.84004E-09	0	0	1.84004E-09	0.001840035
412453.283777816.1	412453.28	3777816.1	0.000299158	0	0	0	0	0	0	0	0	1.60504E-09	0	0	1.60504E-09	0.001605044
412473.283777816.1	412473.28	3777816.1	0.000263319	0	0	0	0	0	0	0	0	1.41276E-09	0	0	1.41276E-09	0.001412762
411893.283777836.1	411893.28	3777836.1	0.000164517	0	0	0	0	0	0	0	0	8.82669E-10	0	0	8.82669E-10	0.000882669
411913.283777836.1	411913.28	3777836.1	0.000182749	0	0	0	0	0	0	0	0	9.80486E-10	0	0	9.80486E-10	0.000980486
411933.283777836.1	411933.28	3777836.1	0.000203669	0	0	0	0	0	0	0	0	1.09273E-09	0	0	1.09273E-09	0.001092729
411953.283777836.1	411953.28	3777836.1	0.000227748	0	0	0	0	0	0	0	0	1.22191E-09	0	0	1.22191E-09	0.001221913
411973.283777836.1	411973.28	3777836.1	0.000255487	0	0	0	0	0	0	0	0	1.37074E-09	0	0	1.37074E-09	0.001370742
411993.283777836.1	411993.28	3777836.1	0.000287251	0	0	0	0	0	0	0	0	1.54116E-09	0	0	1.54116E-09	0.001541162
412013.283777836.1	412013.28	3777836.1	0.00032245	0	0	0	0	0	0	0	0	1.73001E-09	0	0	1.73001E-09	0.001730009
412033.283777836.1	412033.28	3777836.1	0.000359672	0	0	0	0	0	0	0	0	1.92971E-09	0	0	1.92971E-09	0.001929714
412053.283777836.1	412053.28	3777836.1	0.000395659	0	0	0	0	0	0	0	0	2.12279E-09	0	0	2.12279E-09	0.002122793
412073.283777836.1	412073.28	3777836.1	0.000429353	0	0	0	0	0	0	0	0	2.30357E-09	0	0	2.30357E-09	0.00230357
412093.283777836.1	412093.28	3777836.1	0.00046371	0	0	0	0	0	0	0	0	2.4879E-09	0	0	2.4879E-09	0.002487902
412113.283777836.1	412113.28	3777836.1	0.000504647	0	0	0	0	0	0	0	0	2.70753E-09	0	0	2.70753E-09	0.002707535
412133.283777836.1	412133.28	3777836.1	0.000558818	0	0	0	0	0	0	0	0	2.99817E-09	0	0	2.99817E-09	0.002998175
412153.283777836.1	412153.28	3777836.1	0.000638355	0	0	0	0	0	0	0	0	3.42491E-09	0	0	3.42491E-09	0.003424907
412173.283777836.1	412173.28	3777836.1	0.000768701	0	0	0	0	0	0	0	0	4.12424E-09	0	0	4.12424E-09	0.004124244
412193.283777836.1	412193.28	3777836.1	0.001004273	0	0	0	0	0	0	0	0	5.38814E-09	0	0	5.38814E-09	0.005388137
412213.283777836.1	412213.28	3777836.1	0.001501227	0	0	0	0	0	0	0	0	8.0544E-09	0	0	8.0544E-09	0.008054395
412233.283777836.1	412233.28	3777836.1	0.002884399	0	0	0	0	0	0	0	0	1.54754E-08	0	0	1.54754E-08	0.015475404
412273.283777836.1	412273.28	3777836.1	0.003469517	0	0	0	0	0	0	0	0	1.86147E-08	0	0	1.86147E-08	0.018614687
412293.283777836.1	412293.28	3777836.1	0.001761688	0	0	0	0	0	0	0	0	9.45183E-09	0	0	9.45183E-09	0.009451825
412313.283777836.1	412313.28	3777836.1	0.001166961	0	0	0	0	0	0	0	0	6.26099E-09	0	0	6.26099E-09	0.00626099
412333.283777836.1	412333.28	3777836.1	0.000865286	0	0	0	0	0	0	0	0	4.64244E-09	0	0	4.64244E-09	0.00464244
412353.283777836.1	412353.28	3777836.1	0.000681383	0	0	0	0	0	0	0	0	3.65576E-09	0	0	3.65576E-09	0.003655762
412373.283777836.1	412373.28	3777836.1	0.000557313	0	0	0	0	0	0	0	0	2.9901E-09	0	0	2.9901E-09	0.002990103
412393.283777836.1	412393.28	3777836.1	0.00046715	0	0	0	0	0	0	0	0	2.50636E-09	0	0	2.50636E-09	0.002506357
412413.283777836.1	412413.28	3777836.1	0.000398645	0	0	0	0	0	0	0	0	2.13881E-09	0	0	2.13881E-09	0.002138815
412433.283777836.1	412433.28	3777836.1	0.000344817	0	0	0	0	0	0	0	0	1.85001E-09	0	0	1.85001E-09	0.001850013
412453.283777836.1	412453.28	3777836.1	0.000301595	0	0	0	0	0	0	0	0	1.61812E-09	0	0	1.61812E-09	0.001618118
412473.283777836.1	412473.28	3777836.1	0.000266136	0	0	0	0	0	0	0	0	1.42788E-09	0	0	1.42788E-09	0.001427877
411893.283777876.1	411893.28	3777876.1	0.000175764	0	0	0	0	0	0	0	0	9.43009E-10	0	0	9.43009E-10	0.000943009
411913.283777876.1	411913.28	3777876.1	0.000193008	0	0	0	0	0	0	0	0	1.03553E-09	0	0	1.03553E-09	0.001035526

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412321.973777984.7ۯ	412321.97	3777984.8	0.001033913	0	0	0	0	0	0	0	0	5.54716E-09	0	0	5.54716E-09	0.00554716	412321.97	3777984.79
412341.973777984.7ۯ	412341.97	3777984.8	0.000775256	0	0	0	0	0	0	0	0	4.15941E-09	0	0	4.15941E-09	0.00415941	412341.97	3777984.79
412361.973777984.7ۯ	412361.97	3777984.8	0.000614902	0	0	0	0	0	0	0	0	3.29908E-09	0	0	3.29908E-09	0.003299076	412361.97	3777984.79
412261.973778004.7ۯ	412261.97	3778004.8	0.002324424	0	0	0	0	0	0	0	0	1.2471E-08	0	0	1.2471E-08	0.012471024	412261.97	3778004.79
412281.973778004.7ۯ	412281.97	3778004.8	0.002764417	0	0	0	0	0	0	0	0	1.48317E-08	0	0	1.48317E-08	0.014831675	412281.97	3778004.79
412301.973778004.7ۯ	412301.97	3778004.8	0.001532053	0	0	0	0	0	0	0	0	8.21979E-09	0	0	8.21979E-09	0.008219786	412301.97	3778004.79
412321.973778004.7ۯ	412321.97	3778004.8	0.001038983	0	0	0	0	0	0	0	0	5.57436E-09	0	0	5.57436E-09	0.005574362	412321.97	3778004.79
412341.973778004.7ۯ	412341.97	3778004.8	0.000775208	0	0	0	0	0	0	0	0	4.15915E-09	0	0	4.15915E-09	0.004159153	412341.97	3778004.79
412361.973778004.7ۯ	412361.97	3778004.8	0.000613347	0	0	0	0	0	0	0	0	3.29073E-09	0	0	3.29073E-09	0.003290735	412361.97	3778004.79
412261.973778024.7ۯ	412261.97	3778024.8	0.002556778	0	0	0	0	0	0	0	0	1.37177E-08	0	0	1.37177E-08	0.013717651	412261.97	3778024.79
412281.973778024.7ۯ	412281.97	3778024.8	0.002807032	0	0	0	0	0	0	0	0	1.50603E-08	0	0	1.50603E-08	0.015060312	412281.97	3778024.79
412301.973778024.7ۯ	412301.97	3778024.8	0.001539641	0	0	0	0	0	0	0	0	8.26049E-09	0	0	8.26049E-09	0.008260494	412301.97	3778024.79
412321.973778024.7ۯ	412321.97	3778024.8	0.00103608	0	0	0	0	0	0	0	0	5.55879E-09	0	0	5.55879E-09	0.005558787	412321.97	3778024.79
412341.973778024.7ۯ	412341.97	3778024.8	0.000770027	0	0	0	0	0	0	0	0	4.13136E-09	0	0	4.13136E-09	0.004131356	412341.97	3778024.79
412361.973778024.7ۯ	412361.97	3778024.8	0.000607213	0	0	0	0	0	0	0	0	3.25783E-09	0	0	3.25783E-09	0.003257827	412361.97	3778024.79
412261.973778044.7ۯ	412261.97	3778044.8	0.001922949	0	0	0	0	0	0	0	0	1.0317E-08	0	0	1.0317E-08	0.010317026	412261.97	3778044.79
412281.973778044.7ۯ	412281.97	3778044.8	0.00280876	0	0	0	0	0	0	0	0	1.50696E-08	0	0	1.50696E-08	0.015069587	412281.97	3778044.79
412301.973778044.7ۯ	412301.97	3778044.8	0.001504311	0	0	0	0	0	0	0	0	8.07094E-09	0	0	8.07094E-09	0.008070944	412301.97	3778044.79
412321.973778044.7ۯ	412321.97	3778044.8	0.001008819	0	0	0	0	0	0	0	0	5.41253E-09	0	0	5.41253E-09	0.005412527	412321.97	3778044.79
412341.973778044.7ۯ	412341.97	3778044.8	0.000750565	0	0	0	0	0	0	0	0	4.02694E-09	0	0	4.02694E-09	0.004026941	412341.97	3778044.79
412361.973778044.7ۯ	412361.97	3778044.8	0.000592512	0	0	0	0	0	0	0	0	3.17895E-09	0	0	3.17895E-09	0.003178951	412361.97	3778044.79

Andres Duarte School Site Project
Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

Cancer Risk Summary

Max Risk: 6.121849
School Risk: 1.236429

XY	X	Y	Offroad Risk	Haul Risk	Total Risk
411893.283777816.13	411893.28	3777816.1	1.637340172	0.000871704	1.6382119
411913.283777816.13	411913.28	3777816.1	2.988051988	0.000977769	2.9890298
411933.283777816.13	411933.28	3777816.1	3.923694956	0.001104343	3.9247993
411953.283777816.13	411953.28	3777816.1	4.504223175	0.001257092	4.5054803
411973.283777816.13	411973.28	3777816.1	4.900956878	0.001443412	4.9024003
411993.283777816.13	411993.28	3777816.1	5.194664529	0.00167136	5.1963359
412013.283777816.13	412013.28	3777816.1	5.421068384	0.001943437	5.4230118
412033.283777816.13	412033.28	3777816.1	5.602870201	0.002245406	5.6050526
412053.283777816.13	412053.28	3777816.1	5.747667226	0.002523121	5.7501903
412073.283777816.13	412073.28	3777816.1	5.874452733	0.002732912	5.8771856
412093.283777816.13	412093.28	3777816.1	5.985695068	0.002891407	5.9885865
412113.283777816.13	412113.28	3777816.1	6.074601626	0.003057663	6.0776593
412133.283777816.13	412133.28	3777816.1	6.111796428	0.003291384	6.1150878
412153.283777816.13	412153.28	3777816.1	6.118178544	0.003670107	6.1218487
412173.283777816.13	412173.28	3777816.1	6.08893288	0.00433156	6.0932644
412193.283777816.13	412193.28	3777816.1	6.010874943	0.005569657	6.0164446
412213.283777816.13	412213.28	3777816.1	5.842304331	0.008252843	5.8505302
412233.283777816.13	412233.28	3777816.1	5.482338653	0.015709638	5.4980483
412273.283777816.13	412273.28	3777816.1	2.975049933	0.018613213	2.9936631
412293.283777816.13	412293.28	3777816.1	2.230730359	0.009485477	2.2402158
412313.283777816.13	412313.28	3777816.1	1.75688675	0.006293033	1.7631798
412333.283777816.13	412333.28	3777816.1	1.426880204	0.004665573	1.4315458
412353.283777816.13	412353.28	3777816.1	1.183669133	0.003671229	1.1873404
412373.283777816.13	412373.28	3777816.1	0.997675572	0.002996917	1.0006725
412393.283777816.13	412393.28	3777816.1	0.853017533	0.002506194	0.8555237
412413.283777816.13	412413.28	3777816.1	0.73686237	0.002133271	0.7389956
412433.283777816.13	412433.28	3777816.1	0.643300354	0.001840035	0.6451404
412453.283777816.13	412453.28	3777816.1	0.565985205	0.001605044	0.5675902
412473.283777816.13	412473.28	3777816.1	0.501685141	0.001412762	0.5030979
411893.283777836.13	411893.28	3777836.1	1.051130273	0.000882669	1.0520129
411913.283777836.13	411913.28	3777836.1	1.544045299	0.000984618	1.5450258
411933.283777836.13	411933.28	3777836.1	2.035145706	0.001092729	2.0362384
411953.283777836.13	411953.28	3777836.1	2.410716456	0.001221913	2.4119384
411973.283777836.13	411973.28	3777836.1	2.683554359	0.001370742	2.6849251
411993.283777836.13	411993.28	3777836.1	2.899243166	0.001541162	2.9007843
412013.283777836.13	412013.28	3777836.1	3.06425947	0.001730009	3.0659895
412033.283777836.13	412033.28	3777836.1	3.205249177	0.001929714	3.2071789
412053.283777836.13	412053.28	3777836.1	3.309900893	0.002122793	3.3120237
412073.283777836.13	412073.28	3777836.1	3.385505675	0.00230357	3.3878092
412093.283777836.13	412093.28	3777836.1	3.43149014	0.002487902	3.433978
412113.283777836.13	412113.28	3777836.1	3.475102895	0.002707535	3.4778104
412133.283777836.13	412133.28	3777836.1	3.494607606	0.002998175	3.4976058
412153.283777836.13	412153.28	3777836.1	3.473379496	0.003424907	3.4768044
412173.283777836.13	412173.28	3777836.1	3.444472648	0.004124244	3.4485969
412193.283777836.13	412193.28	3777836.1	3.382413981	0.005388137	3.3878021
412213.283777836.13	412213.28	3777836.1	3.267604307	0.008054395	3.2756587
412233.283777836.13	412233.28	3777836.1	3.056017125	0.015475404	3.0714925
412273.283777836.13	412273.28	3777836.1	2.301920762	0.018614687	2.3205354
412293.283777836.13	412293.28	3777836.1	1.879678141	0.009451825	1.88913
412313.283777836.13	412313.28	3777836.1	1.549974575	0.00626099	1.5562356
412333.283777836.13	412333.28	3777836.1	1.298543963	0.00464244	1.3031864
412353.283777836.13	412353.28	3777836.1	1.103213422	0.003655762	1.1068692
412373.283777836.13	412373.28	3777836.1	0.946364532	0.002990103	0.9493546
412393.283777836.13	412393.28	3777836.1	0.82000906	0.002506357	0.8225154
412413.283777836.13	412413.28	3777836.1	0.716422658	0.002138815	0.7185615
412433.283777836.13	412433.28	3777836.1	0.631099729	0.001850013	0.6329497
412453.283777836.13	412453.28	3777836.1	0.559720371	0.001618118	0.5613385
412473.283777836.13	412473.28	3777836.1	0.499440487	0.001427877	0.5008684
411893.283777876.13	411893.28	3777876.1	0.515433242	0.000943009	0.5163763
411913.283777876.13	411913.28	3777876.1	0.627128417	0.001035526	0.6281639
411933.283777876.13	411933.28	3777876.1	0.765023172	0.001134452	0.7661576
411953.283777876.13	411953.28	3777876.1	0.909417325	0.001240057	0.9106574
411973.283777876.13	411973.28	3777876.1	1.044135682	0.001352422	1.0454881
411993.283777876.13	411993.28	3777876.1	1.162955762	0.00147125	1.164427
412013.283777876.13	412013.28	3777876.1	1.269239658	0.001596918	1.2708366
412033.283777876.13	412033.28	3777876.1	1.357901877	0.001728238	1.3596301
412053.283777876.13	412053.28	3777876.1	1.432646588	0.001867995	1.4345146

Max GLC for Chronic Calcs

Max GLC: 0.104797
School GLC: 0.022647

XY	X	Y	2026	2027	2028	Max
411893.283777816.13	411893.28	3777816.1	0.0280251	0.0069657	0.006965661	0.0280251
411913.283777816.13	411913.28	3777816.1	0.05103	0.0127119	0.012711932	0.05103
411933.283777816.13	411933.28	3777816.1	0.0669754	0.0166924	0.016692394	0.0669754
411953.283777816.13	411953.28	3777816.1	0.0768827	0.0191621	0.019162109	0.0768827
411973.283777816.13	411973.28	3777816.1	0.0836687	0.0208499	0.020849914	0.0836687
411993.283777816.13	411993.28	3777816.1	0.0887092	0.0220994	0.022099421	0.0887092
412013.283777816.13	412013.28	3777816.1	0.0926126	0.0230626	0.023062601	0.0926126
412033.283777816.13	412033.28	3777816.1	0.0957616	0.0238358	0.023835764	0.0957616
412053.283777816.13	412053.28	3777816.1	0.0982784	0.024452	0.024452035	0.0982784
412073.283777816.13	412073.28	3777816.1	0.100475	0.0249914	0.024991413	0.100475
412093.283777816.13	412093.28	3777816.1	0.1023976	0.0254647	0.025464666	0.1023976
412113.283777816.13	412113.28	3777816.1	0.1039415	0.0258429	0.025842897	0.1039415
412133.283777816.13	412133.28	3777816.1	0.104618	0.0260011	0.026001133	0.104618
412153.283777816.13	412153.28	3777816.1	0.1047972	0.0260283	0.026028284	0.1047972
412173.283777816.13	412173.28	3777816.1	0.1044228	0.0259039	0.025903866	0.1044228
412193.283777816.13	412193.28	3777816.1	0.1033253	0.0255718	0.025571788	0.1033253
412213.283777816.13	412213.28	3777816.1	0.1009518	0.0248546	0.024854645	0.1009518
412233.283777816.13	412233.28	3777816.1	0.0962211	0.0233233	0.02332326	0.0962211
412273.283777816.13	412273.28	3777816.1	0.0540957	0.0126566	0.012656618	0.0540957
412293.283777816.13	412293.28	3777816.1	0.0397283	0.0094901	0.009490093	0.0397283
412313.283777816.13	412313.28	3777816.1	0.0310699	0.0074742	0.007474242	0.0310699
412333.283777816.13	412333.28	3777816.1	0.0251508	0.0060703	0.006070311	0.0251508
412353.283777816.13	412353.28	3777816.1	0.0208268	0.0050356	0.005035629	0.0208268
412373.283777816.13	412373.28	3777816.1	0.017536	0.0042444	0.004244365	0.017536
412393.283777816.13	412393.28	3777816.1	0.0149829	0.003629	0.003628953	0.0149829
412413.283777816.13	412413.28	3777816.1	0.0129368	0.0031348	0.0031348	0.0129368
412433.283777816.13	412433.28	3777816.1	0.01129	0.0027368	0.002736763	0.01129
412453.283777816.13	412453.28	3777816.1	0.0099305	0.0024078	0.002407845	0.0099305
412473.283777816.13	412473.28	3777816.1	0.0088005	0.0021343	0.002134296	0.0088005
411893.283777836.13	411893.28	3777836.1	0.0180516	0.0044718	0.004471775	0.0180516
411913.283777836.13	411913.28	3777836.1	0.0264578	0.0065688	0.006568761	0.0264578
411933.283777836.13	411933.28	3777836.1	0.0348358	0.0086568	0.008656806	0.0348358
411953.283777836.13	411953.28	3777836.1	0.0412509	0.0102558	0.0102558	0.0412509
411973.283777836.13	411973.28	3777836.1	0.0459216	0.0114165	0.011416521	0.0459216
411993.283777836.13	411993.28	3777836.1	0.0496237	0.0123341	0.012334116	0.0496237
412013.283777836.13	412013.28	3777836.1	0.052467	0.0130361	0.013036138	0.052467
412033.283777836.13	412033.28	3777836.1	0.0549034	0.0136359	0.013635944	0.0549034
412053.283777836.13	412053.28	3777836.1	0.0567203	0.0140812	0.014081159	0.0567203
412073.283777836.13	412073.28	3777836.1	0.0580406	0.0144028	0.0144028	0.0580406
412093.283777836.13	412093.28	3777836.1	0.0588574	0.0145984	0.01459843	0.0588574
412113.283777836.13	412113.28	3777836.1	0.0596405	0.014784	0.01478397	0.0596405
412133.283777836.13	412133.28	3777836.1	0.0600266	0.0148669	0.014866948	0.0600266
412153.283777836.13	412153.28	3777836.1	0.0597449	0.0147766	0.014776638	0.0597449
412173.283777836.13	412173.28	3777836.1	0.0593833	0.0146537	0.014653661	0.0593833
412193.283777836.13	412193.28	3777836.1	0.0585629	0.0143896	0.014389648	0.0585629
412213.283777836.13	412213.28	3777836.1	0.0571061	0.0139012	0.013901218	0.0571061
412233.283777836.13	412233.28	3777836.1	0.0548887	0.0130011	0.013001073	0.0548887
412273.283777836.13	412273.28	3777836.1	0.0426413	0.009793	0.009792955	0.0426413
412293.283777836.13	412293.28	3777836.1	0.0337482	0.0079966	0.007996628	0.0337482
412313.283777836.13	412313.28	3777836.1	0.0275429	0.006594	0.006593985	0.0275429
412333.283777836.13	412333.28	3777836.1	0.0229626	0.0055243	0.005524336	0.0229626
412353.283777836.13	412353.28	3777836.1	0.0194548	0.0046933	0.00469335	0.0194548
412373.283777836.13	412373.28	3777836.1	0.0166616	0.0040261	0.004026075	0.0166616
412393.283777836.13	412393.28	3777836.1	0.0144213	0.0034885	0.003488527	0.0144213
412413.283777836.13	412413.28	3777836.1	0.01259	0.0030478	0.003047844	0.01259
412433.283777836.13	412433.28	3777836.1	0.0110843	0.0026849	0.002684858	0.0110843
412453.283777836.13	412453.28	3777836.1	0.0098264	0.0023812	0.002381193	0.0098264
412473.283777836.13	412473.28	3777836.1	0.0087651	0.0021247	0.002124747	0.0087651
411893.283777876.13	411893.28	3777876.1	0.0089469	0.0021928	0.002192784	0.0089469
411913.283777876.13	411913.28	3777876.1	0.0108649	0.002668	0.002667963	0.0108649
411933.283777876.13	411933.28	3777876.1	0.0132299	0.0032546	0.003254603	0.0132299
411953.283777876.13	411953.28	3777876.1	0.0157067	0.0038689	0.003868892	0.0157067
411973.283777876.13	411973.28	3777876.1	0.0180201	0.004442	0.004442018	0.0180201
411993.283777876.13	411993.28	3777876.1	0.0200643	0.0049475	0.004947509	0.0200643
412013.283777876.13	412013.28	3777876.1	0.0218963	0.0053997	0.005399668	0.0218963
412033.283777876.13	412033.28	3777876.1	0.0234296	0.005769	0.005776859	0.0234296
412053.283777876.13	412053.28	3777876.1	0.0247275	0.0060948	0.006094842	0.0247275

412073.283777876.13	412073.28	3777876.1	1.493538946	0.002022083	1.495561	412073.283777876.13	412073.28	3777876.1	0.0257925	0.0063539	0.006353894	0.0257925	
412093.283777876.13	412093.28	3777876.1	1.548404294	0.002205914	1.5506102	412093.283777876.13	412093.28	3777876.1	0.0267604	0.0065873	0.006587305	0.0267604	
412113.283777876.13	412113.28	3777876.1	1.584116778	0.002434552	1.5865513	412113.283777876.13	412113.28	3777876.1	0.0274107	0.0067392	0.006739235	0.0274107	
412133.283777876.13	412133.28	3777876.1	1.607071545	0.002743903	1.6098154	412133.283777876.13	412133.28	3777876.1	0.027859	0.0068369	0.00683689	0.027859	
412153.283777876.13	412153.28	3777876.1	1.620093147	0.003196527	1.6232897	412153.283777876.13	412153.28	3777876.1	0.0281649	0.0068923	0.006892287	0.0281649	
412173.283777876.13	412173.28	3777876.1	1.618021158	0.003912926	1.6219341	412173.283777876.13	412173.28	3777876.1	0.0282632	0.0068835	0.006883473	0.0282632	
412193.283777876.13	412193.28	3777876.1	1.600363645	0.005177684	1.6055413	412193.283777876.13	412193.28	3777876.1	0.0281985	0.0068084	0.006808353	0.0281985	
412213.283777876.13	412213.28	3777876.1	1.561800548	0.007805775	1.5696063	412213.283777876.13	412213.28	3777876.1	0.0280321	0.0066443	0.006644296	0.0280321	
412233.283777876.13	412233.28	3777876.1	1.510580727	0.01502566	1.5256064	412233.283777876.13	412233.28	3777876.1	0.0285061	0.0064264	0.006426394	0.0285061	
412273.283777876.13	412273.28	3777876.1	1.343612974	0.013520989	1.357134	412273.283777876.13	412273.28	3777876.1	0.0253844	0.0057161	0.005716071	0.0253844	
412293.283777876.13	412293.28	3777876.1	1.226939814	0.009488749	1.2364286	School Receptor	412293.283777876.13	412293.28	3777876.1	0.0226474	0.0052197	0.005219713	0.0226474
412313.283777876.13	412313.28	3777876.1	1.106806824	0.006238926	1.1130457	412313.283777876.13	412313.28	3777876.1	0.0199974	0.0047086	0.004708637	0.0199974	
412333.283777876.13	412333.28	3777876.1	0.991935251	0.0046101	0.9965454	412333.283777876.13	412333.28	3777876.1	0.017739	0.0042199	0.004219944	0.017739	
412353.283777876.13	412353.28	3777876.1	0.887368238	0.003627167	0.8909954	412353.283777876.13	412353.28	3777876.1	0.0157764	0.0037751	0.00377509	0.0157764	
412373.283777876.13	412373.28	3777876.1	0.793780159	0.002967362	0.7967475	412373.283777876.13	412373.28	3777876.1	0.0140608	0.0033769	0.003376942	0.0140608	
412393.283777876.13	412393.28	3777876.1	0.710460804	0.002492769	0.7129536	412393.283777876.13	412393.28	3777876.1	0.0125545	0.0030225	0.003022481	0.0125545	
412413.283777876.13	412413.28	3777876.1	0.637690347	0.00159368	0.6398236	412413.283777876.13	412413.28	3777876.1	0.0112492	0.0027129	0.002712897	0.0112492	
412433.283777876.13	412433.28	3777876.1	0.574416504	0.001851784	0.5762683	412433.283777876.13	412433.28	3777876.1	0.01012	0.0024437	0.002443714	0.01012	
412453.283777876.13	412453.28	3777876.1	0.518792079	0.001625324	0.5204174	412453.283777876.13	412453.28	3777876.1	0.0091312	0.0022071	0.002207073	0.0091312	
412473.283777876.13	412473.28	3777876.1	0.470113377	0.001439978	0.4715534	412473.283777876.13	412473.28	3777876.1	0.0082683	0.002	0.001999982	0.0082683	
411913.283777896.13	411913.28	3777896.1	0.468409525	0.001099368	0.4695089	411913.283777896.13	411913.28	3777896.1	0.0081758	0.0019927	0.001992733	0.0081758	
411933.283777896.13	411933.28	3777896.1	0.551960187	0.001199713	0.5531599	411933.283777896.13	411933.28	3777896.1	0.0096163	0.0023482	0.002348179	0.0096163	
411953.283777896.13	411953.28	3777896.1	0.643280807	0.001303277	0.6445841	411953.283777896.13	411953.28	3777896.1	0.0111896	0.0027367	0.00273668	0.0111896	
411973.283777896.13	411973.28	3777896.1	0.734001983	0.001409774	0.7354118	411973.283777896.13	411973.28	3777896.1	0.0127533	0.0031226	0.003122631	0.0127533	
411993.283777896.13	411993.28	3777896.1	0.820575925	0.001519651	0.8220956	411993.283777896.13	411993.28	3777896.1	0.014247	0.0034909	0.003490938	0.014247	
412013.283777896.13	412013.28	3777896.1	0.901057698	0.001634328	0.902692	412013.283777896.13	412013.28	3777896.1	0.0156379	0.0038333	0.003833328	0.0156379	
412033.283777896.13	412033.28	3777896.1	0.969495223	0.001753764	0.971249	412033.283777896.13	412033.28	3777896.1	0.0168248	0.0041245	0.004124479	0.0168248	
412053.283777896.13	412053.28	3777896.1	1.030504864	0.001883854	1.0323887	412053.283777896.13	412053.28	3777896.1	0.0178872	0.004384	0.004384029	0.0178872	
412073.283777896.13	412073.28	3777896.1	1.083698938	0.002031259	1.0857302	412073.283777896.13	412073.28	3777896.1	0.0188199	0.0046103	0.00461033	0.0188199	
412093.283777896.13	412093.28	3777896.1	1.129683403	0.002208713	1.1318921	412093.283777896.13	412093.28	3777896.1	0.0196355	0.004806	0.00480596	0.0196355	
412113.283777896.13	412113.28	3777896.1	1.163907502	0.002433267	1.1663403	412113.283777896.13	412113.28	3777896.1	0.0202598	0.0049516	0.004951556	0.0202598	
412133.283777896.13	412133.28	3777896.1	1.188647118	0.002738915	1.191386	412133.283777896.13	412133.28	3777896.1	0.0207377	0.0050568	0.005056807	0.0207377	
412153.283777896.13	412153.28	3777896.1	1.202043372	0.003184372	1.2052277	412153.283777896.13	412153.28	3777896.1	0.0210487	0.0051138	0.005113798	0.0210487	
412173.283777896.13	412173.28	3777896.1	1.206320921	0.003891781	1.2102127	412173.283777896.13	412173.28	3777896.1	0.0212534	0.005132	0.005131995	0.0212534	
412193.283777896.13	412193.28	3777896.1	1.190601824	0.005136638	1.1957385	412193.283777896.13	412193.28	3777896.1	0.0212179	0.0050651	0.005065122	0.0212179	
412213.283777896.13	412213.28	3777896.1	1.177596512	0.00771945	1.185316	412213.283777896.13	412213.28	3777896.1	0.021478	0.0050098	0.005009794	0.021478	
412233.283777896.13	412233.28	3777896.1	1.15152073	0.014749122	1.1662699	412233.283777896.13	412233.28	3777896.1	0.0223445	0.0048989	0.004898861	0.0223445	
412273.283777896.13	412273.28	3777896.1	1.061597725	0.013943111	1.0755408	412273.283777896.13	412273.28	3777896.1	0.020664	0.0045163	0.004516306	0.020664	
412293.283777896.13	412293.28	3777896.1	0.994596909	0.009556281	1.0041532	412293.283777896.13	412293.28	3777896.1	0.0187062	0.0042313	0.004231268	0.0187062	
412313.283777896.13	412313.28	3777896.1	0.92220762	0.006253635	0.9284613	412313.283777896.13	412313.28	3777896.1	0.0168588	0.0039233	0.003923305	0.0168588	
412333.283777896.13	412333.28	3777896.1	0.848430489	0.004607329	0.8530378	412333.283777896.13	412333.28	3777896.1	0.0152965	0.0036094	0.003609439	0.0152965	
412353.283777896.13	412353.28	3777896.1	0.775588359	0.003619204	0.7792076	412353.283777896.13	412353.28	3777896.1	0.0138728	0.0032995	0.00329955	0.0138728	
412373.283777896.13	412373.28	3777896.1	0.707991358	0.00295825	0.7109496	412373.283777896.13	412373.28	3777896.1	0.0125993	0.003012	0.003011975	0.0125993	
412393.283777896.13	412393.28	3777896.1	0.644711	0.00248417	0.6471952	412393.283777896.13	412393.28	3777896.1	0.0114341	0.0027428	0.002742764	0.0114341	
412413.283777896.13	412413.28	3777896.1	0.586939656	0.002126606	0.5890663	412413.283777896.13	412413.28	3777896.1	0.0103843	0.002497	0.00249699	0.0103843	
412433.283777896.13	412433.28	3777896.1	0.534977047	0.001847296	0.5368243	412433.283777896.13	412433.28	3777896.1	0.009448	0.0022759	0.002275928	0.009448	
412453.283777896.13	412453.28	3777896.1	0.488484358	0.001623634	0.490108	412453.283777896.13	412453.28	3777896.1	0.0086152	0.0020781	0.002078136	0.0086152	
412473.283777896.13	412473.28	3777896.1	0.446881693	0.001440478	0.4483222	412473.283777896.13	412473.28	3777896.1	0.0078731	0.0019011	0.001901148	0.0078731	
411913.283777916.13	411913.28	3777916.1	0.367957169	0.001200078	0.3691572	411913.283777916.13	411913.28	3777916.1	0.0064852	0.0015654	0.001565383	0.0064852	
411933.283777916.13	411933.28	3777916.1	0.422643335	0.001308306	0.4239516	411933.283777916.13	411933.28	3777916.1	0.007436	0.001798	0.001798032	0.007436	
411953.283777916.13	411953.28	3777916.1	0.482359612	0.001415872	0.4837755	411953.283777916.13	411953.28	3777916.1	0.0084722	0.0020521	0.002052008	0.0084722	
411973.283777916.13	411973.28	3777916.1	0.545727932	0.001523166	0.5472511	411973.283777916.13	411973.28	3777916.1	0.0095706	0.0023217	0.002321665	0.0095706	
411993.283777916.13	411993.28	3777916.1	0.60808632	0.001630759	0.6097171	411993.283777916.13	411993.28	3777916.1	0.0106518	0.002587	0.002586954	0.0106518	
412013.283777916.13	412013.28	3777916.1	0.666883885	0.001740217	0.6686241	412013.283777916.13	412013.28	3777916.1	0.0116727	0.0028371	0.002837093	0.0116727	
412033.283777916.13	412033.28	3777916.1	0.72122472	0.001854948	0.7230797	412033.283777916.13	412033.28	3777916.1	0.0126188	0.0030683	0.003068273	0.0126188	
412053.283777916.13	412053.28	3777916.1	0.770323684	0.001979359	0.772303	412053.283777916.13	412053.28	3777916.1	0.0134775	0.0032772	0.003277152	0.0134775	
412073.283777916.13	412073.28	3777916.1	0.812874382	0.002120103	0.8149945	412073.283777916.13	412073.28	3777916.1	0.0142279	0.0034582	0.003458174	0.0142279	
412093.283777916.13	412093.28	3777916.1	0.851248524	0.002291118	0.8535396	412093.283777916.13	412093.28	3777916.1	0.0149127	0.0036214	0.003621427	0.0149127	
412113.283777916.13	412113.28	3777916.1</											

411913.283777956.13	411913.28	3777956.1	0.249560609	0.001599541	0.2511602	411913.283777956.13	411913.28	3777956.1	0.0045449	0.0010617	0.001061694	0.0045449
411933.283777956.13	411933.28	3777956.1	0.277134999	0.001754332	0.2788893	411933.283777956.13	411933.28	3777956.1	0.005043	0.001179	0.001179003	0.005043
411953.283777956.13	411953.28	3777956.1	0.307445978	0.001894967	0.3093409	411953.283777956.13	411953.28	3777956.1	0.005585	0.001308	0.001307953	0.005585
411973.283777956.13	411973.28	3777956.1	0.339568318	0.002023029	0.3415913	411973.283777956.13	411973.28	3777956.1	0.0061555	0.0014446	0.00144461	0.0061555
411993.283777956.13	411993.28	3777956.1	0.373342385	0.002142722	0.3754851	411993.283777956.13	411993.28	3777956.1	0.0067525	0.0015883	0.001588293	0.0067525
412013.283777956.13	412013.28	3777956.1	0.406712479	0.002257602	0.4089701	412013.283777956.13	412013.28	3777956.1	0.0073418	0.0017303	0.001730258	0.0073418
412033.283777956.13	412033.28	3777956.1	0.438903233	0.002372481	0.4412757	412033.283777956.13	412033.28	3777956.1	0.007911	0.0018672	0.001867206	0.007911
412053.283777956.13	412053.28	3777956.1	0.469901617	0.002493323	0.4723949	412053.283777956.13	412053.28	3777956.1	0.008461	0.0019991	0.001999081	0.008461
412073.283777956.13	412073.28	3777956.1	0.498186217	0.002626739	0.500813	412073.283777956.13	412073.28	3777956.1	0.0089672	0.0021194	0.002119411	0.0089672
412093.283777956.13	412093.28	3777956.1	0.523675587	0.002784247	0.5264598	412093.283777956.13	412093.28	3777956.1	0.0094303	0.0022278	0.002227849	0.0094303
412113.283777956.13	412113.28	3777956.1	0.546070005	0.002983492	0.5490535	412113.283777956.13	412113.28	3777956.1	0.0098486	0.0023231	0.002323212	0.0098486
412133.283777956.13	412133.28	3777956.1	0.564037014	0.003252933	0.5672899	412133.283777956.13	412133.28	3777956.1	0.0102045	0.0023996	0.002399557	0.0102045
412153.283777956.13	412153.28	3777956.1	0.579176214	0.003651341	0.5828276	412153.283777956.13	412153.28	3777956.1	0.0105364	0.002464	0.002463963	0.0105364
412173.283777956.13	412173.28	3777956.1	0.589923841	0.004289594	0.5942134	412173.283777956.13	412173.28	3777956.1	0.0108383	0.0025097	0.002509686	0.0108383
412193.283777956.13	412193.28	3777956.1	0.589001871	0.005431104	0.5944433	412193.283777956.13	412193.28	3777956.1	0.0110353	0.0025058	0.002505763	0.0110353
412213.283777956.13	412213.28	3777956.1	0.593031824	0.007808709	0.6008405	412213.283777956.13	412213.28	3777956.1	0.0115471	0.0025229	0.002522908	0.0115471
412233.283777956.13	412233.28	3777956.1	0.591464801	0.01233427	0.6056982	412233.283777956.13	412233.28	3777956.1	0.0127179	0.0025162	0.002516241	0.0127179
412273.283777956.13	412273.28	3777956.1	0.577804662	0.014460956	0.5922656	412273.283777956.13	412273.28	3777956.1	0.0125278	0.0024581	0.002458128	0.0125278
412293.283777956.13	412293.28	3777956.1	0.563984889	0.009905368	0.5738903	412293.283777956.13	412293.28	3777956.1	0.0114436	0.0023993	0.002399335	0.0114436
412313.283777956.13	412313.28	3777956.1	0.546705285	0.006372855	0.5530781	412313.283777956.13	412313.28	3777956.1	0.0104911	0.0023258	0.002325823	0.0104911
412333.283777956.13	412333.28	3777956.1	0.526982299	0.004645577	0.5316279	412333.283777956.13	412333.28	3777956.1	0.0098335	0.0022419	0.002241916	0.0098335
412353.283777956.13	412353.28	3777956.1	0.504268612	0.003622922	0.5078915	412353.283777956.13	412353.28	3777956.1	0.0092564	0.0021453	0.002145287	0.0092564
412373.283777956.13	412373.28	3777956.1	0.480782816	0.002946325	0.4837291	412373.283777956.13	412373.28	3777956.1	0.0087306	0.0020454	0.002045372	0.0087306
412393.283777956.13	412393.28	3777956.1	0.456055781	0.002466121	0.4585219	412393.283777956.13	412393.28	3777956.1	0.0082204	0.0019402	0.001940177	0.0082204
412413.283777956.13	412413.28	3777956.1	0.43084007	0.001707435	0.4329475	412413.283777956.13	412413.28	3777956.1	0.0077244	0.0018329	0.001832903	0.0077244
412433.283777956.13	412433.28	3777956.1	0.406419273	0.001830382	0.4082497	412433.283777956.13	412433.28	3777956.1	0.0072572	0.001729	0.001729011	0.0072572
412453.283777956.13	412453.28	3777956.1	0.382816194	0.001610168	0.3844264	412453.283777956.13	412453.28	3777956.1	0.0068145	0.0016286	0.001628597	0.0068145
412473.283777956.13	412473.28	3777956.1	0.36008296	0.001430879	0.3615138	412473.283777956.13	412473.28	3777956.1	0.0063942	0.0015319	0.001531884	0.0063942
411913.283777976.13	411913.28	3777976.1	0.210463226	0.002000261	0.2124635	411913.283777976.13	411913.28	3777976.1	0.0039543	0.0008954	0.000895364	0.0039543
411933.283777976.13	411933.28	3777976.1	0.231319942	0.002206807	0.2335267	411933.283777976.13	411933.28	3777976.1	0.0043477	0.0009841	0.000984094	0.0043477
411953.283777976.13	411953.28	3777976.1	0.254287741	0.002382418	0.2566702	411953.283777976.13	411953.28	3777976.1	0.0047713	0.0010818	0.001081805	0.0047713
411973.283777976.13	411973.28	3777976.1	0.278620576	0.002533775	0.2811544	411973.283777976.13	411973.28	3777976.1	0.0052136	0.0011853	0.001185323	0.0052136
411993.283777976.13	411993.28	3777976.1	0.303819998	0.002668421	0.3064884	411993.283777976.13	411993.28	3777976.1	0.0056675	0.0012925	0.001292527	0.0056675
412013.283777976.13	412013.28	3777976.1	0.329579769	0.002793062	0.3323728	412013.283777976.13	412013.28	3777976.1	0.0061291	0.0014021	0.001402116	0.0061291
412033.283777976.13	412033.28	3777976.1	0.35453811	0.002913147	0.3574513	412033.283777976.13	412033.28	3777976.1	0.0065762	0.0015083	0.001508295	0.0065762
412053.283777976.13	412053.28	3777976.1	0.379141347	0.003035517	0.3821769	412053.283777976.13	412053.28	3777976.1	0.0070176	0.001613	0.001612964	0.0070176
412073.283777976.13	412073.28	3777976.1	0.402245975	0.003167161	0.4054131	412073.283777976.13	412073.28	3777976.1	0.0074353	0.0017113	0.001711256	0.0074353
412093.283777976.13	412093.28	3777976.1	0.423213458	0.003318559	0.426532	412093.283777976.13	412093.28	3777976.1	0.0078204	0.0018005	0.001800457	0.0078204
412113.283777976.13	412113.28	3777976.1	0.441968864	0.003506379	0.4454752	412113.283777976.13	412113.28	3777976.1	0.0081745	0.0018802	0.001880248	0.0081745
412133.283777976.13	412133.28	3777976.1	0.45799094	0.003758433	0.4617494	412133.283777976.13	412133.28	3777976.1	0.0084942	0.0019484	0.00194841	0.0084942
412153.283777976.13	412153.28	3777976.1	0.471670626	0.004128868	0.4757995	412153.283777976.13	412153.28	3777976.1	0.008796	0.0020066	0.002006607	0.008796
412173.283777976.13	412173.28	3777976.1	0.481988218	0.00472525	0.4867135	412173.283777976.13	412173.28	3777976.1	0.0090827	0.0020505	0.0020505	0.0090827
412193.283777976.13	412193.28	3777976.1	0.481629855	0.00580208	0.4874319	412193.283777976.13	412193.28	3777976.1	0.0092773	0.002049	0.002048976	0.0092773
412213.283777976.13	412213.28	3777976.1	0.486461237	0.006074175	0.4945354	412213.283777976.13	412213.28	3777976.1	0.009783	0.0020695	0.00206953	0.009783
412233.283777976.13	412233.28	3777976.1	0.487744828	0.014270756	0.5020156	412233.283777976.13	412233.28	3777976.1	0.0109598	0.002075	0.00207499	0.0109598
412273.283777976.13	412273.28	3777976.1	0.483050275	0.014585705	0.497636	412273.283777976.13	412273.28	3777976.1	0.0109386	0.002055	0.002055018	0.0109386
412293.283777976.13	412293.28	3777976.1	0.47455056	0.010048572	0.4845991	412293.283777976.13	412293.28	3777976.1	0.0099483	0.0020189	0.002018859	0.0099483
412313.283777976.13	412313.28	3777976.1	0.464298126	0.006423258	0.4707214	412313.283777976.13	412313.28	3777976.1	0.0090982	0.0019752	0.001975242	0.0090982
412333.283777976.13	412333.28	3777976.1	0.452133337	0.00466322	0.4567966	412333.283777976.13	412333.28	3777976.1	0.0085631	0.0019235	0.00192349	0.0085631
412353.283777976.13	412353.28	3777976.1	0.437088614	0.003628127	0.4407167	412353.283777976.13	412353.28	3777976.1	0.0081142	0.0018595	0.001859486	0.0081142
412373.283777976.13	412373.28	3777976.1	0.420972061	0.002944946	0.423917	412373.283777976.13	412373.28	3777976.1	0.0077126	0.0017909	0.001790922	0.0077126
412393.283777976.13	412393.28	3777976.1	0.403187492	0.00461754	0.4056492	412393.283777976.13	412393.28	3777976.1	0.0073199	0.0017153	0.001715262	0.0073199
412413.283777976.13	412413.28	3777976.1	0.38495334	0.002101918	0.3870553	412413.283777976.13	412413.28	3777976.1	0.0069425	0.0016377	0.001637689	0.0069425
412433.283777976.13	412433.28	3777976.1	0.366380372	0.001823987	0.3682044	412433.283777976.13	412433.28	3777976.1	0.0065747	0.0015587	0.001558675	0.0065747
412453.283777976.13	412453.28	3777976.1	0.34804197	0.001603448	0.3496454	412453.283777976.13	412453.28	3777976.1	0.0062215	0.0014807	0.001480659	0.0062215
412473.283777976.13	412473.28	3777976.1	0.329719856	0.001424146	0.331144	412473.283777976.13	412473.28	3777976.1	0.0058763	0.0014027	0.001402712	0.0058763
412265.323777635.3	412265.32	3777635.3	0.717080743	0.008345157	0.7254259	412265.323777635.3	412265.32	3777635.3	0.013758	0.0030506	0.003050643	0.013758
412285.323777635.3	412285.32	3777635.3	0.644307028	0.005514049	0.6498211	412285.323777635.3	412285.32	3777635.3	0.0119919	0.002741	0.002741046	0.0119919
412305.323777635.3	412305.32	3777635.3	0.577912171	0.003876584	0.5817888	412305.32377						

412425.323777655.3	412425.32	3777655.3	0.348768469	0.001283024	0.3500515	412425.323777655.3	412425.32	3777655.3	0.0061741	0.0014837	0.00148375	0.0061741
412445.323777655.3	412445.32	3777655.3	0.313785742	0.001113118	0.3148989	412445.323777655.3	412445.32	3777655.3	0.0055472	0.0013349	0.001334924	0.0055472
412465.323777655.3	412465.32	3777655.3	0.283569241	0.000976673	0.2845459	412465.323777655.3	412465.32	3777655.3	0.0050075	0.0012064	0.001206376	0.0050075
412485.323777655.3	412485.32	3777655.3	0.257613999	0.000865458	0.2584795	412485.323777655.3	412485.32	3777655.3	0.0045451	0.001096	0.001095955	0.0045451
412265.323777675.3	412265.32	3777675.3	2.008731108	0.012060299	2.0207914	412265.323777675.3	412265.32	3777675.3	0.0364305	0.0085457	0.008545652	0.0364305
412285.323777675.3	412285.32	3777675.3	1.428857715	0.010851919	1.4397096	412285.323777675.3	412285.32	3777675.3	0.0263375	0.0060787	0.006078723	0.0263375
412265.323777695.3	412265.32	3777695.3	2.941937209	0.012339568	2.9542768	412265.323777695.3	412265.32	3777695.3	0.0523629	0.0125157	0.012515748	0.0523629
412285.323777695.3	412285.32	3777695.3	1.937029224	0.011919474	1.9489487	412285.323777695.3	412285.32	3777695.3	0.0351841	0.0082406	0.008240614	0.0351841
412305.323777695.3	412305.32	3777695.3	1.419882356	0.007018774	1.4269011	412305.323777695.3	412305.32	3777695.3	0.0254704	0.0060405	0.00604054	0.0254704
412325.323777695.3	412325.32	3777695.3	1.112517824	0.004770069	1.1172879	412325.323777695.3	412325.32	3777695.3	0.0198208	0.0047329	0.004732933	0.0198208
412345.323777695.3	412345.32	3777695.3	0.892355997	0.003539354	0.8958954	412345.323777695.3	412345.32	3777695.3	0.0158449	0.0037963	0.003796309	0.0158449
412365.323777695.3	412365.32	3777695.3	0.741253944	0.002758857	0.7440128	412365.323777695.3	412365.32	3777695.3	0.0131281	0.0031535	0.003153482	0.0131281
412385.323777695.3	412385.32	3777695.3	0.628115544	0.002227046	0.6303426	412385.323777695.3	412385.32	3777695.3	0.0111037	0.0026722	0.002672163	0.0111037
412405.323777695.3	412405.32	3777695.3	0.54355495	0.001843321	0.5453983	412405.323777695.3	412405.32	3777695.3	0.0095933	0.0023124	0.002312421	0.0095933
412425.323777695.3	412425.32	3777695.3	0.471810714	0.001558481	0.4733692	412425.323777695.3	412425.32	3777695.3	0.0083193	0.0020072	0.002007203	0.0083193
412445.323777695.3	412445.32	3777695.3	0.414443342	0.00133732	0.4157807	412445.323777695.3	412445.32	3777695.3	0.0073018	0.0017631	0.001763147	0.0073018
412465.323777695.3	412465.32	3777695.3	0.368064678	0.001162655	0.3692273	412465.323777695.3	412465.32	3777695.3	0.0064801	0.0015658	0.001565841	0.0064801
412485.323777695.3	412485.32	3777695.3	0.329250727	0.001021965	0.3302727	412485.323777695.3	412485.32	3777695.3	0.0057933	0.0014007	0.001400716	0.0057933
412265.323777715.3	412265.32	3777715.3	3.591456787	0.012063571	3.6035204	412265.323777715.3	412265.32	3777715.3	0.0633644	0.015279	0.015278969	0.0633644
412285.323777715.3	412285.32	3777715.3	2.380079692	0.012125262	2.392205	412285.323777715.3	412285.32	3777715.3	0.0427618	0.0101255	0.010125463	0.0427618
412305.323777715.3	412305.32	3777715.3	1.713179518	0.007335738	1.7205153	412305.323777715.3	412305.32	3777715.3	0.0305205	0.0072883	0.0072883	0.0305205
412325.323777715.3	412325.32	3777715.3	1.320153241	0.005071174	1.3252244	412325.323777715.3	412325.32	3777715.3	0.0234103	0.0056163	0.005616267	0.0234103
412345.323777715.3	412345.32	3777715.3	1.050058442	0.003790732	1.0538492	412345.323777715.3	412345.32	3777715.3	0.0185754	0.0044672	0.004467215	0.0185754
412365.323777715.3	412365.32	3777715.3	0.861312004	0.002964956	0.864277	412365.323777715.3	412365.32	3777715.3	0.0152096	0.0036642	0.00366424	0.0152096
412385.323777715.3	412385.32	3777715.3	0.721182368	0.002396628	0.723579	412385.323777715.3	412385.32	3777715.3	0.0127191	0.0030681	0.003068093	0.0127191
412405.323777715.3	412405.32	3777715.3	0.615774832	0.001984118	0.6177589	412405.323777715.3	412405.32	3777715.3	0.0108485	0.0026197	0.002619662	0.0108485
412425.323777715.3	412425.32	3777715.3	0.531142565	0.001675416	0.532818	412425.323777715.3	412425.32	3777715.3	0.0093507	0.0022596	0.002259615	0.0093507
412445.323777715.3	412445.32	3777715.3	0.464395861	0.001435881	0.4658317	412445.323777715.3	412445.32	3777715.3	0.0081703	0.0019757	0.001975658	0.0081703
412465.323777715.3	412465.32	3777715.3	0.40911351	0.001246087	0.4103396	412465.323777715.3	412465.32	3777715.3	0.0071941	0.0017405	0.001740473	0.0071941
412485.323777715.3	412485.32	3777715.3	0.363451571	0.001092878	0.3645444	412485.323777715.3	412485.32	3777715.3	0.0063886	0.0015462	0.001546215	0.0063886
412265.323777735.3	412265.32	3777735.3	3.983704439	0.012156669	3.9958611	412265.323777735.3	412265.32	3777735.3	0.0700566	0.0169477	0.01694769	0.0700566
412285.323777735.3	412285.32	3777735.3	2.677915031	0.012090246	2.6900053	412285.323777735.3	412285.32	3777735.3	0.0478236	0.0113925	0.01139253	0.0478236
412305.323777735.3	412305.32	3777735.3	1.951262743	0.007421509	1.9586843	412305.323777735.3	412305.32	3777735.3	0.0345879	0.0083012	0.008301167	0.0345879
412325.323777735.3	412325.32	3777735.3	1.500240331	0.00520152	1.5054419	412325.323777735.3	412325.32	3777735.3	0.0264991	0.0063824	0.006382403	0.0264991
412345.323777735.3	412345.32	3777735.3	1.186076679	0.003936275	1.190013	412345.323777735.3	412345.32	3777735.3	0.0209172	0.0050459	0.005045871	0.0209172
412365.323777735.3	412365.32	3777735.3	0.965608615	0.003104091	0.9687127	412365.323777735.3	412365.32	3777735.3	0.0170103	0.0041079	0.004107944	0.0170103
412385.323777735.3	412385.32	3777735.3	0.801996441	0.002523067	0.8045195	412385.323777735.3	412385.32	3777735.3	0.0141179	0.0034119	0.003411896	0.0141179
412405.323777735.3	412405.32	3777735.3	0.680899129	0.002094577	0.6829937	412405.323777735.3	412405.32	3777735.3	0.0119773	0.0028967	0.002896718	0.0119773
412425.323777735.3	412425.32	3777735.3	0.583913119	0.001770921	0.585684	412425.323777735.3	412425.32	3777735.3	0.0102665	0.0024841	0.002484115	0.0102665
412445.323777735.3	412445.32	3777735.3	0.50759487	0.001519205	0.5091141	412445.323777735.3	412445.32	3777735.3	0.0089209	0.0021594	0.002159437	0.0089209
412465.323777735.3	412465.32	3777735.3	0.445787057	0.001319095	0.4471062	412465.323777735.3	412465.32	3777735.3	0.0078318	0.0018965	0.001896491	0.0078318
412485.323777735.3	412485.32	3777735.3	0.395420792	0.001156814	0.3965776	412485.323777735.3	412485.32	3777735.3	0.0069445	0.0016822	0.00168222	0.0069445
412265.323777755.3	412265.32	3777755.3	4.203719662	0.017253274	4.2209729	412265.323777755.3	412265.32	3777755.3	0.0747505	0.0178837	0.01788369	0.0747505
412285.323777755.3	412285.32	3777755.3	2.86490875	0.012005637	2.8769144	412285.323777755.3	412285.32	3777755.3	0.0509899	0.012188	0.012188049	0.0509899
412305.323777755.3	412305.32	3777755.3	2.107209211	0.007407056	2.1146163	412305.323777755.3	412305.32	3777755.3	0.037239	0.0089646	0.008964603	0.037239
412325.323777755.3	412325.32	3777755.3	1.62149402	0.005250084	1.6267441	412325.323777755.3	412325.32	3777755.3	0.0285715	0.0068982	0.006898247	0.0285715
412345.323777755.3	412345.32	3777755.3	1.282883508	0.00400973	1.2868932	412345.323777755.3	412345.32	3777755.3	0.0225782	0.0054577	0.005457712	0.0225782
412365.323777755.3	412365.32	3777755.3	1.044050978	0.003186698	1.0472377	412365.323777755.3	412365.32	3777755.3	0.0183606	0.0044417	0.004441658	0.0183606
412385.323777755.3	412385.32	3777755.3	0.866671157	0.002605499	0.8692767	412385.323777755.3	412385.32	3777755.3	0.0152338	0.003687	0.003687039	0.0152338
412405.323777755.3	412405.32	3777755.3	0.733148428	0.002174278	0.7353227	412405.323777755.3	412405.32	3777755.3	0.0128813	0.003119	0.003118999	0.0128813
412425.323777755.3	412425.32	3777755.3	0.629698856	0.001843808	0.6315427	412425.323777755.3	412425.32	3777755.3	0.0110593	0.0026789	0.002678899	0.0110593
412445.323777755.3	412445.32	3777755.3	0.546783473	0.001585408	0.548369	412445.323777755.3	412445.32	3777755.3	0.0096001	0.0023262	0.002326156	0.0096001
412465.323777755.3	412465.32	3777755.3	0.479815236	0.001378908	0.4811941	412465.323777755.3	412465.32	3777755.3	0.008422	0.0020413	0.002041256	0.008422
412485.323777755.3	412485.32	3777755.3	0.424692519	0.00121034	0.4259029	412485.323777755.3	412485.32	3777755.3	0.0074526	0.0018067	0.00180675	0.0074526
412265.323777775.3	412265.32	3777775.3	4.228645425	0.011854551	4.2405	412265.323777775.3	412265.32	3777775.3	0.0741684	0.0179897	0.017989731	0.0741684
412285.323777775.3	412285.32	3777775.3	2.919637268	0.011926518	2.9315638	412285.323777775.3	412285.32	3777775.3	0.0519064	0.0124209	0.012420878	0.0519064
412305.323777775.3	412305.32	3777775.3	2.162791284	0.007365347	2.1701566	412305.323777775.3	412305.32	3777775.3	0.0381177	0.0092011	0.009201063	0.0381177
412325.323777775.3	412325.32	3777775.3	1.674665288	0.005249287	1.6799146	412325.323777775.3	412325.32	3777775.3	0.0294762	0.0071245	0.007124451	0.0294762
412465.323777775.3	412465.32	3777775.3	0.505030947	0.001425565	0.5064565	412465.323777775.3	412465.32	3777775.3	0.00			

412345.323777815.3	412345.32	3777815.3	1.274934369	0.004018937	1.2789533
412365.323777815.3	412365.32	3777815.3	1.067259858	0.003239115	1.070499
412385.323777815.3	412385.32	3777815.3	0.907970843	0.002684023	0.9106549
412405.323777815.3	412405.32	3777815.3	0.781061537	0.00227004	0.7833316
412425.323777815.3	412425.32	3777815.3	0.678638186	0.001948277	0.6805865
412445.323777815.3	412445.32	3777815.3	0.595084266	0.001691923	0.5967762
412465.323777815.3	412465.32	3777815.3	0.525930015	0.001483918	0.5274139
412485.323777815.3	412485.32	3777815.3	0.467920848	0.001312673	0.4692335
412261.973777984.79	412261.97	3777984.8	0.451175531	0.011959858	0.4631354
412281.973777984.79	412281.97	3777984.8	0.445155036	0.014622966	0.459778
412301.973777984.79	412301.97	3777984.8	0.438199539	0.008124591	0.4463241
412321.973777984.79	412321.97	3777984.8	0.428253342	0.00554716	0.4338005
412341.973777984.79	412341.97	3777984.8	0.417896657	0.00415941	0.4220561
412361.973777984.79	412361.97	3777984.8	0.405122651	0.003299076	0.4084217
412261.973778004.79	412261.97	3778004.8	0.379489936	0.012471024	0.391961
412281.973778004.79	412281.97	3778004.8	0.37547953	0.014831675	0.3903112
412301.973778004.79	412301.97	3778004.8	0.371286685	0.008219786	0.3795065
412321.973778004.79	412321.97	3778004.8	0.36647485	0.005574362	0.3720492
412341.973778004.79	412341.97	3778004.8	0.361089634	0.004159153	0.3652488
412361.973778004.79	412361.97	3778004.8	0.35275607	0.003290735	0.3560468
412261.973778024.79	412261.97	3778024.8	0.321679498	0.013717651	0.3353971
412281.973778024.79	412281.97	3778024.8	0.319565157	0.015060312	0.3346255
412301.973778024.79	412301.97	3778024.8	0.316955624	0.008260494	0.3252161
412321.973778024.79	412321.97	3778024.8	0.31549611	0.005558787	0.3210549
412341.973778024.79	412341.97	3778024.8	0.312482604	0.004131356	0.316614
412361.973778024.79	412361.97	3778024.8	0.307823888	0.003257827	0.3110817
412261.973778044.79	412261.97	3778044.8	0.274401668	0.010317026	0.2847187
412281.973778044.79	412281.97	3778044.8	0.274844735	0.015069587	0.2899143
412301.973778044.79	412301.97	3778044.8	0.274030274	0.008070944	0.2821012
412321.973778044.79	412321.97	3778044.8	0.27332658	0.005412527	0.2787391
412341.973778044.79	412341.97	3778044.8	0.271766073	0.004026941	0.275793
412361.973778044.79	412361.97	3778044.8	0.269208665	0.003178951	0.2723876

412345.323777815.3	412345.32	3777815.3	0.0224447	0.0054239	0.005423894	0.0224447
412365.323777815.3	412365.32	3777815.3	0.0187653	0.0045404	0.004540394	0.0187653
412385.323777815.3	412385.32	3777815.3	0.0159512	0.0038627	0.003862738	0.0159512
412405.323777815.3	412405.32	3777815.3	0.0137144	0.0033228	0.003322834	0.0137144
412425.323777815.3	412425.32	3777815.3	0.0119115	0.0028871	0.002887099	0.0119115
412445.323777815.3	412445.32	3777815.3	0.0104419	0.0025316	0.00253164	0.0104419
412465.323777815.3	412465.32	3777815.3	0.0092263	0.0022374	0.00223744	0.0092263
412485.323777815.3	412485.32	3777815.3	0.0082073	0.0019907	0.001990654	0.0082073
412261.973777984.79	412261.97	3777984.8	0.0099068	0.0019194	0.001919415	0.0099068
412281.973777984.79	412281.97	3777984.8	0.0103007	0.0018938	0.001893803	0.0103007
412301.973777984.79	412301.97	3777984.8	0.0089712	0.0018642	0.001864212	0.0089712
412321.973777984.79	412321.97	3777984.8	0.0083215	0.0018219	0.001821898	0.0083215
412341.973777984.79	412341.97	3777984.8	0.0078866	0.0017778	0.001777838	0.0078866
412361.973777984.79	412361.97	3777984.8	0.0075089	0.0017235	0.001723495	0.0075089
412261.973778004.79	412261.97	3778004.8	0.0087822	0.0016144	0.001614447	0.0087822
412281.973778004.79	412281.97	3778004.8	0.009154	0.0015974	0.001597385	0.009154
412301.973778004.79	412301.97	3778004.8	0.0078502	0.0015795	0.001579548	0.0078502
412321.973778004.79	412321.97	3778004.8	0.0072753	0.0015591	0.001559077	0.0072753
412341.973778004.79	412341.97	3778004.8	0.0069199	0.0015362	0.001536167	0.0069199
412361.973778004.79	412361.97	3778004.8	0.0066162	0.0015007	0.001500714	0.0066162
412261.973778024.79	412261.97	3778024.8	0.0080308	0.0013685	0.001368506	0.0080308
412281.973778024.79	412281.97	3778024.8	0.0082451	0.0013595	0.001359511	0.0082451
412301.973778024.79	412301.97	3778024.8	0.0069333	0.0013484	0.00134841	0.0069333
412321.973778024.79	412321.97	3778024.8	0.0064049	0.0013422	0.001342201	0.0064049
412341.973778024.79	412341.97	3778024.8	0.0060875	0.0013294	0.00132938	0.0060875
412361.973778024.79	412361.97	3778024.8	0.0058455	0.0013096	0.001309561	0.0058455
412261.973778044.79	412261.97	3778044.8	0.0065924	0.0011674	0.001167374	0.0065924
412281.973778044.79	412281.97	3778044.8	0.0074858	0.0011693	0.001169259	0.0074858
412301.973778044.79	412301.97	3778044.8	0.0061675	0.0011658	0.001165794	0.0061675
412321.973778044.79	412321.97	3778044.8	0.00566	0.0011628	0.001162801	0.00566
412341.973778044.79	412341.97	3778044.8	0.0053752	0.0011562	0.001156162	0.0053752
412361.973778044.79	412361.97	3778044.8	0.0051736	0.0011453	0.001145282	0.0051736

Andres Duarte School Site Project

Maximum Individual Non-Cancer Impact Calculations - Sensitive Receptors (Maximum Impacted Senior Residential Receptor) (IMPACT AT ALL OTHER LOCATIONS ON THE PROJECT SITE WOULD BE LESS THAN SHOWN)

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL ¹	CONC	WFrac	CONC _{WF}	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK	
Project:							Total Risk Threshold Over?														
MEI - Max	DPM	5.00E+00	1.05E-01	1.00E+00	1.05E-01	0.021		-	-	-	-	-	-	-	-	-	-	-	-	2.10E-02	-
School	DPM	5.00E+00	2.26E-02	1.00E+00	2.26E-02	0.005		-	-	-	-	-	-	-	-	-	-	-	-	4.53E-03	-
												-								-	0.021
												1.00			1.00				1.00	1.00	
											NO			NO				NO	NO		

Notes:

1. California Air Resources Board, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values," "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," "OEHHA/ARB Approved Acute Reference Exposure Levels and Target Organs," and "OEHHA/ARB Approved 8-Hour Reference Exposure Levels and Target Organs," <http://www.arb.ca.gov/toxics/healthval/healthval.htm>. Tables last updated: May 8, 2018. Downloaded: 08/14/18.

Source: ESA, 2020

Where:

CONC _{WF}	Pollutant Concentration (µg/m ³) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

ALIM	Alimentary Tract	EYE	Eye	NS	Nervous System
BN	Bone	HEM	Hematologic System	REPRO	Reproductive System
CVS	Cardiovascular System	IMMUN	Immune System	RESP	Respiratory System
DEV	Developmental System	KIDN	Kidney	SK	Skin
ENDC	Endocrine System				

XY	X	Y	Construction Area	Haul Route
411893.283777816.1	411893.3	3777816	5.02584	0.64475
411913.283777816.1	411913.3	3777816	9.17187	0.7232
411933.283777816.1	411933.3	3777816	12.04384	0.81682
411953.283777816.1	411953.3	3777816	13.82578	0.9298
411973.283777816.1	411973.3	3777816	15.04356	1.06761
411993.283777816.1	411993.3	3777816	15.9451	1.23621
412013.283777816.1	412013.3	3777816	16.64005	1.43745
412033.283777816.1	412033.3	3777816	17.1979	1.6608
412053.283777816.1	412053.3	3777816	17.64255	1.86621
412073.283777816.1	412073.3	3777816	18.03172	2.02138
412093.283777816.1	412093.3	3777816	18.37318	2.13861
412113.283777816.1	412113.3	3777816	18.64608	2.26158
412133.283777816.1	412133.3	3777816	18.76025	2.43445
412153.283777816.1	412153.3	3777816	18.77984	2.71457
412173.283777816.1	412173.3	3777816	18.69007	3.20381
412193.283777816.1	412193.3	3777816	18.45047	4.11956
412213.283777816.1	412213.3	3777816	17.93304	6.08419
412233.283777816.1	412233.3	3777816	16.82812	11.61953
412273.283777816.1	412273.3	3777816	9.13196	13.76714
412293.283777816.1	412293.3	3777816	6.84726	7.01587
412313.283777816.1	412313.3	3777816	5.39279	4.6546
412333.283777816.1	412333.3	3777816	4.37983	3.45086
412353.283777816.1	412353.3	3777816	3.63329	2.7154
412373.283777816.1	412373.3	3777816	3.06238	2.21665
412393.283777816.1	412393.3	3777816	2.61835	1.85369
412413.283777816.1	412413.3	3777816	2.26181	1.57786
412433.283777816.1	412433.3	3777816	1.97462	1.36097
412453.283777816.1	412453.3	3777816	1.7373	1.18716
412473.283777816.1	412473.3	3777816	1.53993	1.04494
411893.283777836.1	411893.3	3777836	3.22646	0.65286
411913.283777836.1	411913.3	3777836	4.73947	0.72521
411933.283777836.1	411933.3	3777836	6.24691	0.80823
411953.283777836.1	411953.3	3777836	7.39973	0.90378
411973.283777836.1	411973.3	3777836	8.23721	1.01386
411993.283777836.1	411993.3	3777836	8.89927	1.13991
412013.283777836.1	412013.3	3777836	9.40579	1.27959
412033.283777836.1	412033.3	3777836	9.83856	1.4273
412053.283777836.1	412053.3	3777836	10.15979	1.57011
412073.283777836.1	412073.3	3777836	10.39186	1.70382
412093.283777836.1	412093.3	3777836	10.53301	1.84016
412113.283777836.1	412113.3	3777836	10.66688	2.00261
412133.283777836.1	412133.3	3777836	10.72675	2.21758
412153.283777836.1	412153.3	3777836	10.66159	2.53321
412173.283777836.1	412173.3	3777836	10.57286	3.05047
412193.283777836.1	412193.3	3777836	10.38237	3.9853
412213.283777836.1	412213.3	3777836	10.02996	5.95738

412233.283777836.1	412233.3	3777836	9.38049	11.44628
412273.283777836.1	412273.3	3777836	7.06578	13.76823
412293.283777836.1	412293.3	3777836	5.7697	6.99098
412313.283777836.1	412313.3	3777836	4.75767	4.6309
412333.283777836.1	412333.3	3777836	3.9859	3.43375
412353.283777836.1	412353.3	3777836	3.38633	2.70396
412373.283777836.1	412373.3	3777836	2.90488	2.21161
412393.283777836.1	412393.3	3777836	2.51703	1.85381
412413.283777836.1	412413.3	3777836	2.19907	1.58196
412433.283777836.1	412433.3	3777836	1.93717	1.36835
412453.283777836.1	412453.3	3777836	1.71807	1.19683
412473.283777836.1	412473.3	3777836	1.53304	1.05612
411893.283777876.1	411893.3	3777876	1.58213	0.69749
411913.283777876.1	411913.3	3777876	1.92498	0.76592
411933.283777876.1	411933.3	3777876	2.34825	0.83909
411953.283777876.1	411953.3	3777876	2.79147	0.9172
411973.283777876.1	411973.3	3777876	3.20499	1.00031
411993.283777876.1	411993.3	3777876	3.56971	1.0882
412013.283777876.1	412013.3	3777876	3.89595	1.18115
412033.283777876.1	412033.3	3777876	4.1681	1.27828
412053.283777876.1	412053.3	3777876	4.39753	1.38165
412073.283777876.1	412073.3	3777876	4.58444	1.49562
412093.283777876.1	412093.3	3777876	4.75285	1.63159
412113.283777876.1	412113.3	3777876	4.86247	1.8007
412133.283777876.1	412133.3	3777876	4.93293	2.02951
412153.283777876.1	412153.3	3777876	4.9729	2.36429
412173.283777876.1	412173.3	3777876	4.96654	2.89417
412193.283777876.1	412193.3	3777876	4.91234	3.82964
412213.283777876.1	412213.3	3777876	4.79397	5.77349
412233.283777876.1	412233.3	3777876	4.63675	11.11363
412273.283777876.1	412273.3	3777876	4.12424	10.00071
412293.283777876.1	412293.3	3777876	3.76611	7.01829
412313.283777876.1	412313.3	3777876	3.39736	4.61458
412333.283777876.1	412333.3	3777876	3.04476	3.40983
412353.283777876.1	412353.3	3777876	2.72379	2.68281
412373.283777876.1	412373.3	3777876	2.43652	2.19479
412393.283777876.1	412393.3	3777876	2.18077	1.84376
412413.283777876.1	412413.3	3777876	1.9574	1.57782
412433.283777876.1	412433.3	3777876	1.76318	1.36966
412453.283777876.1	412453.3	3777876	1.59244	1.20216
412473.283777876.1	412473.3	3777876	1.44302	1.06507
411913.283777896.1	411913.3	3777896	1.43779	0.81314
411933.283777896.1	411933.3	3777896	1.69425	0.88736
411953.283777896.1	411953.3	3777896	1.97456	0.96396
411973.283777896.1	411973.3	3777896	2.25303	1.04273
411993.283777896.1	411993.3	3777896	2.51877	1.124
412013.283777896.1	412013.3	3777896	2.76581	1.20882

412033.283777896.1	412033.3	3777896	2.97588	1.29716
412053.283777896.1	412053.3	3777896	3.16315	1.39338
412073.283777896.1	412073.3	3777896	3.32643	1.50243
412093.283777896.1	412093.3	3777896	3.46758	1.63366
412113.283777896.1	412113.3	3777896	3.57263	1.79975
412133.283777896.1	412133.3	3777896	3.64857	2.02582
412153.283777896.1	412153.3	3777896	3.68969	2.3553
412173.283777896.1	412173.3	3777896	3.70282	2.87853
412193.283777896.1	412193.3	3777896	3.65457	3.79928
412213.283777896.1	412213.3	3777896	3.61465	5.70964
412233.283777896.1	412233.3	3777896	3.53461	10.90909
412273.283777896.1	412273.3	3777896	3.25859	10.31293
412293.283777896.1	412293.3	3777896	3.05293	7.06824
412313.283777896.1	412313.3	3777896	2.83073	4.62546
412333.283777896.1	412333.3	3777896	2.60427	3.40778
412353.283777896.1	412353.3	3777896	2.38068	2.67692
412373.283777896.1	412373.3	3777896	2.17319	2.18805
412393.283777896.1	412393.3	3777896	1.97895	1.8374
412413.283777896.1	412413.3	3777896	1.80162	1.57293
412433.283777896.1	412433.3	3777896	1.64212	1.36634
412453.283777896.1	412453.3	3777896	1.49941	1.20091
412473.283777896.1	412473.3	3777896	1.37171	1.06544
411913.283777916.1	411913.3	3777916	1.12945	0.88763
411933.283777916.1	411933.3	3777916	1.29731	0.96768
411953.283777916.1	411953.3	3777916	1.48061	1.04724
411973.283777916.1	411973.3	3777916	1.67512	1.1266
411993.283777916.1	411993.3	3777916	1.86653	1.20618
412013.283777916.1	412013.3	3777916	2.04701	1.28714
412033.283777916.1	412033.3	3777916	2.21381	1.372
412053.283777916.1	412053.3	3777916	2.36452	1.46402
412073.283777916.1	412073.3	3777916	2.49513	1.56812
412093.283777916.1	412093.3	3777916	2.61292	1.69461
412113.283777916.1	412113.3	3777916	2.70698	1.85567
412133.283777916.1	412133.3	3777916	2.77467	2.07439
412153.283777916.1	412153.3	3777916	2.82754	2.39727
412173.283777916.1	412173.3	3777916	2.85573	2.90982
412193.283777916.1	412193.3	3777916	2.83147	3.81288
412213.283777916.1	412213.3	3777916	2.81412	5.67903
412233.283777916.1	412233.3	3777916	2.77248	10.72644
412273.283777916.1	412273.3	3777916	2.62451	14.64162
412293.283777916.1	412293.3	3777916	2.50452	7.13834
412313.283777916.1	412313.3	3777916	2.36996	4.64401
412333.283777916.1	412333.3	3777916	2.22278	3.41125
412353.283777916.1	412353.3	3777916	2.0684	2.67431
412373.283777916.1	412373.3	3777916	1.91929	2.18293
412393.283777916.1	412393.3	3777916	1.7758	1.83185
412413.283777916.1	412413.3	3777916	1.63912	1.56803

412433.283777916.1	412433.3	3777916	1.51199	1.36254
412453.283777916.1	412453.3	3777916	1.39531	1.19832
412473.283777916.1	412473.3	3777916	1.28878	1.06429
411913.283777956.1	411913.3	3777956	0.76603	1.18309
411933.283777956.1	411933.3	3777956	0.85067	1.29758
411953.283777956.1	411953.3	3777956	0.94371	1.4016
411973.283777956.1	411973.3	3777956	1.04231	1.49632
411993.283777956.1	411993.3	3777956	1.14598	1.58485
412013.283777956.1	412013.3	3777956	1.24841	1.66982
412033.283777956.1	412033.3	3777956	1.34722	1.75479
412053.283777956.1	412053.3	3777956	1.44237	1.84417
412073.283777956.1	412073.3	3777956	1.52919	1.94285
412093.283777956.1	412093.3	3777956	1.60743	2.05935
412113.283777956.1	412113.3	3777956	1.67617	2.20672
412133.283777956.1	412133.3	3777956	1.73132	2.40601
412153.283777956.1	412153.3	3777956	1.77779	2.70069
412173.283777956.1	412173.3	3777956	1.81078	3.17277
412193.283777956.1	412193.3	3777956	1.80795	4.01708
412213.283777956.1	412213.3	3777956	1.82032	5.77566
412233.283777956.1	412233.3	3777956	1.81551	10.52766
412273.283777956.1	412273.3	3777956	1.77358	10.69595
412293.283777956.1	412293.3	3777956	1.73116	7.32644
412313.283777956.1	412313.3	3777956	1.67812	4.71364
412333.283777956.1	412333.3	3777956	1.61758	3.43607
412353.283777956.1	412353.3	3777956	1.54786	2.67967
412373.283777956.1	412373.3	3777956	1.47577	2.17923
412393.283777956.1	412393.3	3777956	1.39987	1.82405
412413.283777956.1	412413.3	3777956	1.32247	1.55875
412433.283777956.1	412433.3	3777956	1.24751	1.35383
412453.283777956.1	412453.3	3777956	1.17506	1.19095
412473.283777956.1	412473.3	3777956	1.10528	1.05834
411913.283777976.1	411913.3	3777976	0.64602	1.47948
411933.283777976.1	411933.3	3777976	0.71004	1.63225
411953.283777976.1	411953.3	3777976	0.78054	1.76214
411973.283777976.1	411973.3	3777976	0.85523	1.87409
411993.283777976.1	411993.3	3777976	0.93258	1.97368
412013.283777976.1	412013.3	3777976	1.01165	2.06587
412033.283777976.1	412033.3	3777976	1.08826	2.15469
412053.283777976.1	412053.3	3777976	1.16378	2.2452
412073.283777976.1	412073.3	3777976	1.2347	2.34257
412093.283777976.1	412093.3	3777976	1.29906	2.45455
412113.283777976.1	412113.3	3777976	1.35663	2.59347
412133.283777976.1	412133.3	3777976	1.40581	2.7799
412153.283777976.1	412153.3	3777976	1.4478	3.05389
412173.283777976.1	412173.3	3777976	1.47947	3.495
412193.283777976.1	412193.3	3777976	1.47837	4.29147
412213.283777976.1	412213.3	3777976	1.4932	5.97201

412233.283777976.1	412233.3	3777976	1.49714	10.55527
412273.283777976.1	412273.3	3777976	1.48273	10.78822
412293.283777976.1	412293.3	3777976	1.45664	7.43236
412313.283777976.1	412313.3	3777976	1.42517	4.75092
412333.283777976.1	412333.3	3777976	1.38783	3.44912
412353.283777976.1	412353.3	3777976	1.34165	2.68352
412373.283777976.1	412373.3	3777976	1.29218	2.17821
412393.283777976.1	412393.3	3777976	1.23759	1.82082
412413.283777976.1	412413.3	3777976	1.18162	1.55467
412433.283777976.1	412433.3	3777976	1.12461	1.3491
412453.283777976.1	412453.3	3777976	1.06832	1.18598
412473.283777976.1	412473.3	3777976	1.01208	1.05336
412265.323777635.3	412265.3	3777635	2.20109	6.17244
412285.323777635.3	412285.3	3777635	1.97771	4.07843
412305.323777635.3	412305.3	3777635	1.77391	2.86729
412325.323777635.3	412325.3	3777635	1.58062	2.14858
412345.323777635.3	412345.3	3777635	1.40939	1.68958
412365.323777635.3	412365.3	3777635	1.26199	1.37559
412385.323777635.3	412385.3	3777635	1.13428	1.14856
412405.323777635.3	412405.3	3777635	1.02284	0.97726
412425.323777635.3	412425.3	3777635	0.92613	0.84412
412445.323777635.3	412445.3	3777635	0.82056	0.73806
412465.323777635.3	412465.3	3777635	0.74881	0.65201
412485.323777635.3	412485.3	3777635	0.68664	0.58135
412265.323777655.3	412265.3	3777655	3.56417	13.05058
412285.323777655.3	412285.3	3777655	2.95081	6.14186
412305.323777655.3	412305.3	3777655	2.46231	3.78742
412325.323777655.3	412325.3	3777655	2.08964	2.6694
412345.323777655.3	412345.3	3777655	1.79755	2.02524
412365.323777655.3	412365.3	3777655	1.56613	1.60974
412385.323777655.3	412385.3	3777655	1.34986	1.32096
412405.323777655.3	412405.3	3777655	1.19807	1.10972
412425.323777655.3	412425.3	3777655	1.07055	0.94898
412445.323777655.3	412445.3	3777655	0.96317	0.82331
412465.323777655.3	412465.3	3777655	0.87042	0.72239
412485.323777655.3	412485.3	3777655	0.79075	0.64013
412265.323777675.3	412265.3	3777675	6.16583	8.92032
412285.323777675.3	412285.3	3777675	4.3859	8.02655
412265.323777695.3	412265.3	3777695	9.03032	9.12688
412285.323777695.3	412285.3	3777695	5.94574	8.81616
412305.323777695.3	412305.3	3777695	4.35835	5.19139
412325.323777695.3	412325.3	3777695	3.41489	3.52815
412345.323777695.3	412345.3	3777695	2.7391	2.61786
412365.323777695.3	412365.3	3777695	2.27529	2.04057
412385.323777695.3	412385.3	3777695	1.92801	1.64722
412405.323777695.3	412405.3	3777695	1.66845	1.3634
412425.323777695.3	412425.3	3777695	1.44823	1.15272

412445.323777695.3	412445.3	3777695	1.27214	0.98914
412465.323777695.3	412465.3	3777695	1.12978	0.85995
412485.323777695.3	412485.3	3777695	1.01064	0.75589
412265.323777715.3	412265.3	3777715	11.02403	8.92274
412285.323777715.3	412285.3	3777715	7.30569	8.96837
412305.323777715.3	412305.3	3777715	5.25863	5.42583
412325.323777715.3	412325.3	3777715	4.05223	3.75086
412345.323777715.3	412345.3	3777715	3.22317	2.80379
412365.323777715.3	412365.3	3777715	2.64381	2.19301
412385.323777715.3	412385.3	3777715	2.21368	1.77265
412405.323777715.3	412405.3	3777715	1.89013	1.46754
412425.323777715.3	412425.3	3777715	1.63035	1.23921
412445.323777715.3	412445.3	3777715	1.42547	1.06204
412465.323777715.3	412465.3	3777715	1.25578	0.92166
412485.323777715.3	412485.3	3777715	1.11562	0.80834
412265.323777735.3	412265.3	3777735	12.22804	8.9916
412285.323777735.3	412285.3	3777735	8.2199	8.94247
412305.323777735.3	412305.3	3777735	5.98943	5.48927
412325.323777735.3	412325.3	3777735	4.60501	3.84727
412345.323777735.3	412345.3	3777735	3.64068	2.91144
412365.323777735.3	412365.3	3777735	2.96395	2.29592
412385.323777735.3	412385.3	3777735	2.46174	1.86617
412405.323777735.3	412405.3	3777735	2.09003	1.54924
412425.323777735.3	412425.3	3777735	1.79233	1.30985
412445.323777735.3	412445.3	3777735	1.55807	1.12367
412465.323777735.3	412465.3	3777735	1.36835	0.97566
412485.323777735.3	412485.3	3777735	1.21375	0.85563
412265.323777755.3	412265.3	3777755	12.90338	12.76127
412285.323777755.3	412285.3	3777755	8.79388	8.87989
412305.323777755.3	412305.3	3777755	6.46811	5.47858
412325.323777755.3	412325.3	3777755	4.9772	3.88319
412345.323777755.3	412345.3	3777755	3.93783	2.96577
412365.323777755.3	412365.3	3777755	3.20473	2.35702
412385.323777755.3	412385.3	3777755	2.66026	1.92714
412405.323777755.3	412405.3	3777755	2.25041	1.60819
412425.323777755.3	412425.3	3777755	1.93287	1.36376
412445.323777755.3	412445.3	3777755	1.67836	1.17274
412465.323777755.3	412465.3	3777755	1.4728	1.0199
412485.323777755.3	412485.3	3777755	1.3036	0.89522
412265.323777775.3	412265.3	3777775	12.97989	8.76814
412285.323777775.3	412285.3	3777775	8.96187	8.82137
412305.323777775.3	412305.3	3777775	6.63872	5.44773
412325.323777775.3	412325.3	3777775	5.14041	3.8826
412465.323777775.3	412465.3	3777775	1.5502	1.05441
412485.323777775.3	412485.3	3777775	1.3709	0.92797
412265.323777795.3	412265.3	3777795	12.40265	8.35071
412285.323777795.3	412285.3	3777795	8.62772	8.77486

412305.323777795.3	412305.3	3777795	6.46389	5.41315
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412345.323777795.3	412345.3	3777795	4.08203	2.98303
412365.323777795.3	412365.3	3777795	3.37262	2.39527
412385.323777795.3	412385.3	3777795	2.83465	1.97849
412405.323777795.3	412405.3	3777795	2.41615	1.66732
412425.323777795.3	412425.3	3777795	2.08417	1.42627
412445.323777795.3	412445.3	3777795	1.81667	1.23513
412465.323777795.3	412465.3	3777795	1.59788	1.0798
412485.323777795.3	412485.3	3777795	1.41636	0.95269
412265.323777815.3	412265.3	3777815	10.52643	8.19156
412285.323777815.3	412285.3	3777815	7.65813	8.74261
412305.323777815.3	412305.3	3777815	5.93259	5.384
412325.323777815.3	412325.3	3777815	4.76029	3.85335
412345.323777815.3	412345.3	3777815	3.91343	2.97258
412365.323777815.3	412365.3	3777815	3.27597	2.39579
412385.323777815.3	412385.3	3777815	2.78703	1.98522
412405.323777815.3	412405.3	3777815	2.39748	1.67902
412425.323777815.3	412425.3	3777815	2.08309	1.44103
412445.323777815.3	412445.3	3777815	1.82662	1.25142
412465.323777815.3	412465.3	3777815	1.61435	1.09757
412485.323777815.3	412485.3	3777815	1.43629	0.97091
412261.973777984.7	412262	3777985	1.38489	8.84603
412281.973777984.7	412282	3777985	1.36641	10.81578
412301.973777984.7	412302	3777985	1.34506	6.0093
412321.973777984.7	412322	3777985	1.31453	4.10292
412341.973777984.7	412342	3777985	1.28274	3.07648
412361.973777984.7	412362	3777985	1.24353	2.44014
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412281.973778004.7	412282	3778005	1.15254	10.97015
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412321.973778004.7	412322	3778005	1.1249	4.12304
412341.973778004.7	412342	3778005	1.10837	3.07629
412361.973778004.7	412362	3778005	1.08279	2.43397
412261.973778024.7	412262	3778025	0.9874	10.14617
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** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 9/13/2024
** File: C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte School Construction.ADI
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** AERMOD Control Pathway
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CO STARTING
TITLEONE C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho
TITLETWO September 2024
MODELOPT DFAULT CONC
AVERTIME 1 PERIOD
URBANOPT 9818605 LA_County
POLLUTID CONST
RUNORNOT RUN
ERRORFIL "Andres Duarte School Construction.err"
CO FINISHED
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** AERMOD Source Pathway
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**
SO STARTING
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** Source ID - Type - X Coord. - Y Coord. **
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** LINE VOLUME Source ID = HAUL
** DESCRSRC Demolition Haul Route
** PREFIX HAUL
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** Configuration = Adjacent
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** Vertical Dimension = 7.25
** SZINIT = 3.37
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LOCATION HAUL0002 VOLUME 412063.767 3777732.892 166.26
LOCATION HAUL0003 VOLUME 412063.592 3777715.893 166.15
LOCATION HAUL0004 VOLUME 412063.417 3777698.894 166.08
LOCATION HAUL0005 VOLUME 412063.242 3777681.894 165.84
LOCATION HAUL0006 VOLUME 412063.067 3777664.895 165.22
LOCATION HAUL0007 VOLUME 412076.705 3777661.533 165.31
LOCATION HAUL0008 VOLUME 412093.705 3777661.489 165.49
LOCATION HAUL0009 VOLUME 412110.705 3777661.446 165.68
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LOCATION HAUL0012 VOLUME 412161.704 3777661.316 166.30
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LOCATION HAUL0016	VOLUME	412229.703	3777661.290	167.15
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LOCATION HAUL0020	VOLUME	412254.532	3777704.504	167.77
LOCATION HAUL0021	VOLUME	412254.603	3777721.503	167.90
LOCATION HAUL0022	VOLUME	412254.675	3777738.503	168.09
LOCATION HAUL0023	VOLUME	412254.746	3777755.503	168.25
LOCATION HAUL0024	VOLUME	412254.818	3777772.503	168.43
LOCATION HAUL0025	VOLUME	412254.890	3777789.503	168.63
LOCATION HAUL0026	VOLUME	412254.961	3777806.503	168.81
LOCATION HAUL0027	VOLUME	412255.033	3777823.503	169.02
LOCATION HAUL0028	VOLUME	412255.104	3777840.502	169.22
LOCATION HAUL0029	VOLUME	412255.272	3777857.501	169.45
LOCATION HAUL0030	VOLUME	412255.646	3777874.497	169.60
LOCATION HAUL0031	VOLUME	412256.021	3777891.493	169.72
LOCATION HAUL0032	VOLUME	412256.395	3777908.489	169.79
LOCATION HAUL0033	VOLUME	412256.769	3777925.485	169.82
LOCATION HAUL0034	VOLUME	412257.143	3777942.480	169.88
LOCATION HAUL0035	VOLUME	412257.517	3777959.476	169.94
LOCATION HAUL0036	VOLUME	412257.891	3777976.472	170.00
LOCATION HAUL0037	VOLUME	412258.090	3777993.471	170.11
LOCATION HAUL0038	VOLUME	412258.244	3778010.470	170.26
LOCATION HAUL0039	VOLUME	412258.399	3778027.469	170.32
LOCATION HAUL0040	VOLUME	412258.554	3778044.469	170.48
LOCATION HAUL0041	VOLUME	412258.708	3778061.468	170.86
LOCATION HAUL0042	VOLUME	412248.619	3778068.339	170.64
LOCATION HAUL0043	VOLUME	412231.619	3778068.377	170.48
LOCATION HAUL0044	VOLUME	412214.619	3778068.415	170.37
LOCATION HAUL0045	VOLUME	412197.620	3778068.453	170.24
LOCATION HAUL0046	VOLUME	412180.620	3778068.490	170.15
LOCATION HAUL0047	VOLUME	412163.620	3778068.528	170.10
LOCATION HAUL0048	VOLUME	412146.620	3778068.566	169.95
LOCATION HAUL0049	VOLUME	412129.620	3778068.604	169.78
LOCATION HAUL0050	VOLUME	412112.620	3778068.641	169.59
LOCATION HAUL0051	VOLUME	412095.620	3778068.679	169.46
LOCATION HAUL0052	VOLUME	412078.620	3778068.717	169.33
LOCATION HAUL0053	VOLUME	412061.620	3778068.755	169.18
LOCATION HAUL0054	VOLUME	412044.620	3778068.793	169.08
LOCATION HAUL0055	VOLUME	412027.620	3778068.830	168.92
LOCATION HAUL0056	VOLUME	412010.620	3778068.868	168.72
LOCATION HAUL0057	VOLUME	411993.620	3778068.906	168.59
LOCATION HAUL0058	VOLUME	411976.620	3778068.944	168.20
LOCATION HAUL0059	VOLUME	411959.620	3778068.981	167.95
LOCATION HAUL0060	VOLUME	411942.620	3778069.019	167.72
LOCATION HAUL0061	VOLUME	411925.620	3778069.057	167.54
LOCATION HAUL0062	VOLUME	411908.620	3778069.095	167.36
LOCATION HAUL0063	VOLUME	411896.604	3778063.722	167.24

** End of LINE VOLUME Source ID = HAUL

** Source Parameters **

SRCPARAM CONSTRUCTION	0.0000194739	5.000	8	1.400
AREAVERT CONSTRUCTION	411890.513	3777813.252	412103.859	3777815.719
AREAVERT CONSTRUCTION	412245.361	3777815.560	412245.310	3777749.989
AREAVERT CONSTRUCTION	412244.731	3777678.211	412244.731	3777671.265
AREAVERT CONSTRUCTION	412239.522	3777670.686	411889.225	3777670.107

** LINE VOLUME Source ID = HAUL

SRCPARAM HAUL0001	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0002	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0003	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0004	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0005	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0006	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0007	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0008	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0009	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0010	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0011	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0012	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0013	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0014	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0015	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0016	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0017	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0018	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0019	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0020	0.0158730159	3.63	7.91	3.37

SRCPARAM HAUL0021	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0022	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0023	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0024	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0025	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0026	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0027	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0028	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0029	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0030	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0031	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0032	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0033	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0034	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0035	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0036	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0037	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0038	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0039	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0040	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0041	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0042	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0043	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0044	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0045	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0046	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0047	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0048	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0049	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0050	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0051	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0052	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0053	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0054	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0055	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0056	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0057	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0058	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0059	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0060	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0061	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0062	0.0158730159	3.63	7.91	3.37
SRCPARAM HAUL0063	0.0158730159	3.63	7.91	3.37

** -----

URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 2"

** WeekDays:

EMISFACT CONSTRUCTION HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT CONSTRUCTION HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
 EMISFACT CONSTRUCTION HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
 EMISFACT CONSTRUCTION HRDOW 1.6 1.6 1.6 1.6 0.0 0.0

** Saturday:

EMISFACT CONSTRUCTION HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT CONSTRUCTION HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
 EMISFACT CONSTRUCTION HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
 EMISFACT CONSTRUCTION HRDOW 1.6 1.6 1.6 1.6 0.0 0.0

** Sunday:

EMISFACT CONSTRUCTION HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT CONSTRUCTION HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
 EMISFACT CONSTRUCTION HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
 EMISFACT CONSTRUCTION HRDOW 1.6 1.6 1.6 1.6 0.0 0.0

** WeekDays:

EMISFACT HAUL0001 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT HAUL0001 HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
 EMISFACT HAUL0001 HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
 EMISFACT HAUL0001 HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
 EMISFACT HAUL0002 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT HAUL0002 HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
 EMISFACT HAUL0002 HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
 EMISFACT HAUL0002 HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
 EMISFACT HAUL0003 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT HAUL0003 HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
 EMISFACT HAUL0003 HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
 EMISFACT HAUL0003 HRDOW 1.6 1.6 1.6 1.6 0.0 0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EMISFACT HAUL0048	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0048	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0049	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0049	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0049	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0049	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0050	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0050	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0050	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0050	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0051	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0051	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0051	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0051	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0052	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0052	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0052	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0052	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0053	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0053	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0053	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0053	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0054	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0054	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0054	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0055	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0055	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0055	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0056	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0056	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0056	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0057	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0057	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0057	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0057	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0058	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0058	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0058	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0058	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0059	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0059	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0059	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0059	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0060	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0060	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0060	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0060	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0061	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0061	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0061	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0061	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0062	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0062	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0062	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0062	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
EMISFACT HAUL0063	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0063	HRDOW 0.0 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0063	HRDOW 1.6 1.6 1.6 1.6 1.6 1.6
EMISFACT HAUL0063	HRDOW 1.6 1.6 1.6 1.6 0.0 0.0
SRCGROUP CONSTRUC CONSTRUCTION	
SRCGROUP HAUL	HAUL0001 HAUL0002 HAUL0003 HAUL0004 HAUL0005 HAUL0006
SRCGROUP HAUL	HAUL0007 HAUL0008 HAUL0009 HAUL0010 HAUL0011 HAUL0012
SRCGROUP HAUL	HAUL0013 HAUL0014 HAUL0015 HAUL0016 HAUL0017 HAUL0018
SRCGROUP HAUL	HAUL0019 HAUL0020 HAUL0021 HAUL0022 HAUL0023 HAUL0024
SRCGROUP HAUL	HAUL0025 HAUL0026 HAUL0027 HAUL0028 HAUL0029 HAUL0030
SRCGROUP HAUL	HAUL0031 HAUL0032 HAUL0033 HAUL0034 HAUL0035 HAUL0036
SRCGROUP HAUL	HAUL0037 HAUL0038 HAUL0039 HAUL0040 HAUL0041 HAUL0042
SRCGROUP HAUL	HAUL0043 HAUL0044 HAUL0045 HAUL0046 HAUL0047 HAUL0048
SRCGROUP HAUL	HAUL0049 HAUL0050 HAUL0051 HAUL0052 HAUL0053 HAUL0054
SRCGROUP HAUL	HAUL0055 HAUL0056 HAUL0057 HAUL0058 HAUL0059 HAUL0060
SRCGROUP HAUL	HAUL0061 HAUL0062 HAUL0063
SRCGROUP ALL	
SO FINISHED	

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**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Andres Duarte School Construction.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "MET\AzusaADJU (1)\AZUS_V9_ADJU\AZUS_v9.SFC"
PROFFILE "MET\AzusaADJU (1)\AZUS_V9_ADJU\AZUS_v9.PFL"
SURFDATA 3179 2012
UAIRDATA 3190 2012
SITEDATA 99999 2012
PROFBASE 182.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "Andres Duarte School Construction.AD\01H1GALL.PLT" 31
PLOTFILE 1 CONSTRUC 1ST "Andres Duarte School Construction.AD\01H1G001.PLT" 32
PLOTFILE 1 HAUL 1ST "Andres Duarte School Construction.AD\01H1G002.PLT" 33
PLOTFILE PERIOD ALL "Andres Duarte School Construction.AD\PE00GALL.PLT" 34
PLOTFILE PERIOD CONSTRUC "Andres Duarte School Construction.AD\PE00G001.PLT" 35
PLOTFILE PERIOD HAUL "Andres Duarte School Construction.AD\PE00G002.PLT" 36
SUMMFILE "Andres Duarte School Construction.sum"
OU FINISHED

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

A Total of    0 Fatal Error Message(s)
A Total of    2 Warning Message(s)
A Total of    0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W186  1010  MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used    0.50
ME W187  1010  MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*****
*** SETUP Finishes Successfully ***
*****

[ ] *** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32
                                     PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***
-----

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.

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* NO PARTICLE DEPOSITION Data Provided.
 * Model Uses NO DRY DEPLETION. DDPLETE = F
 * Model Uses NO WET DEPLETION. WETDPLT = F
 * Stack-tip Downwash.
 * Model Accounts for ELEVated Terrain Effects.
 * Use Calms Processing Routine.
 * Use Missing Data Processing Routine.
 * No Exponential Decay.
 * Model Uses URBAN Dispersion Algorithm for the SBL for 64 Source(s),
 for Total of 1 Urban Area(s):
 Urban Population = 9818605.0 ; Urban Roughness Length = 1.000 m
 * Urban Roughness Length of 1.0 Meter Used.
 * ADJ_U* - Use ADJ_U* option for SBL in AERMET
 * TEMP_Sub - Meteorological data includes TEMP substitutions
 * Model Assumes No FLAGPOLE Receptor Heights.
 * The User Specified a Pollutant Type of: CONST

**Model Calculates 1 Short Term Average(s) of: 1-HR
 and Calculates PERIOD Averages

**This Run Includes: 64 Source(s); 3 Source Group(s); and 327 Receptor(s)

with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
 and: 63 VOLUME source(s)
 and: 1 AREA type source(s)
 and: 0 LINE source(s)
 and: 0 RLINE/RLINEXT source(s)
 and: 0 OPENPIT source(s)
 and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
 and: 0 SWPOINT source(s)

**Model Set To Continue RUNNING After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
 Model Outputs Tables of PERIOD Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
 Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 182.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File: aermod.inp
 **Output Print File: aermod.out

**Detailed Error/Message File: Andres Duarte School Construction.err
 **File for Summary of Results: Andres Duarte School Construction.sum

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
 *** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32
 PAGE 2

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION RATE	AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
HAUL0001	0	0.15873E-01	412063.9	3777749.9	166.5	3.63	7.91	3.37	YES HRDOW NO
HAUL0002	0	0.15873E-01	412063.8	3777732.9	166.3	3.63	7.91	3.37	YES HRDOW NO
HAUL0003	0	0.15873E-01	412063.6	3777715.9	166.2	3.63	7.91	3.37	YES HRDOW NO
HAUL0004	0	0.15873E-01	412063.4	3777698.9	166.1	3.63	7.91	3.37	YES HRDOW NO
HAUL0005	0	0.15873E-01	412063.2	3777681.9	165.8	3.63	7.91	3.37	YES HRDOW NO

HAUL0006	0	0.15873E-01	412063.1	3777664.9	165.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0007	0	0.15873E-01	412076.7	3777661.5	165.3	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0008	0	0.15873E-01	412093.7	3777661.5	165.5	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0009	0	0.15873E-01	412110.7	3777661.4	165.7	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0010	0	0.15873E-01	412127.7	3777661.4	165.9	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0011	0	0.15873E-01	412144.7	3777661.4	166.1	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0012	0	0.15873E-01	412161.7	3777661.3	166.3	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0013	0	0.15873E-01	412178.7	3777661.3	166.5	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0014	0	0.15873E-01	412195.7	3777661.2	166.7	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0015	0	0.15873E-01	412212.7	3777661.2	166.9	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0016	0	0.15873E-01	412229.7	3777661.3	167.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0017	0	0.15873E-01	412246.7	3777661.5	167.3	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0018	0	0.15873E-01	412254.4	3777670.5	167.4	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0019	0	0.15873E-01	412254.5	3777687.5	167.6	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0020	0	0.15873E-01	412254.5	3777704.5	167.8	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0021	0	0.15873E-01	412254.6	3777721.5	167.9	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0022	0	0.15873E-01	412254.7	3777738.5	168.1	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0023	0	0.15873E-01	412254.7	3777755.5	168.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0024	0	0.15873E-01	412254.8	3777772.5	168.4	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0025	0	0.15873E-01	412254.9	3777789.5	168.6	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0026	0	0.15873E-01	412255.0	3777806.5	168.8	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0027	0	0.15873E-01	412255.0	3777823.5	169.0	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0028	0	0.15873E-01	412255.1	3777840.5	169.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0029	0	0.15873E-01	412255.3	3777857.5	169.5	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0030	0	0.15873E-01	412255.6	3777874.5	169.6	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0031	0	0.15873E-01	412256.0	3777891.5	169.7	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0032	0	0.15873E-01	412256.4	3777908.5	169.8	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0033	0	0.15873E-01	412256.8	3777925.5	169.8	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0034	0	0.15873E-01	412257.1	3777942.5	169.9	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0035	0	0.15873E-01	412257.5	3777959.5	169.9	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0036	0	0.15873E-01	412257.9	3777976.5	170.0	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0037	0	0.15873E-01	412258.1	3777993.5	170.1	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0038	0	0.15873E-01	412258.2	3778010.5	170.3	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0039	0	0.15873E-01	412258.4	3778027.5	170.3	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0040	0	0.15873E-01	412258.6	3778044.5	170.5	3.63	7.91	3.37	YES	HRDOW	NO

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

HAUL0041	0	0.15873E-01	412258.7	3778061.5	170.9	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0042	0	0.15873E-01	412248.6	3778068.3	170.6	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0043	0	0.15873E-01	412231.6	3778068.4	170.5	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0044	0	0.15873E-01	412214.6	3778068.4	170.4	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0045	0	0.15873E-01	412197.6	3778068.5	170.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0046	0	0.15873E-01	412180.6	3778068.5	170.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0047	0	0.15873E-01	412163.6	3778068.5	170.1	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0048	0	0.15873E-01	412146.6	3778068.6	170.0	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0049	0	0.15873E-01	412129.6	3778068.6	169.8	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0050	0	0.15873E-01	412112.6	3778068.6	169.6	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0051	0	0.15873E-01	412095.6	3778068.7	169.5	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0052	0	0.15873E-01	412078.6	3778068.7	169.3	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0053	0	0.15873E-01	412061.6	3778068.8	169.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0054	0	0.15873E-01	412044.6	3778068.8	169.1	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0055	0	0.15873E-01	412027.6	3778068.8	168.9	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0056	0	0.15873E-01	412010.6	3778068.9	168.7	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0057	0	0.15873E-01	411993.6	3778068.9	168.6	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0058	0	0.15873E-01	411976.6	3778068.9	168.2	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0059	0	0.15873E-01	411959.6	3778069.0	168.0	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0060	0	0.15873E-01	411942.6	3778069.0	167.7	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0061	0	0.15873E-01	411925.6	3778069.1	167.5	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0062	0	0.15873E-01	411908.6	3778069.1	167.4	3.63	7.91	3.37	YES	HRDOW	NO
HAUL0063	0	0.15873E-01	411896.6	3778063.7	167.2	3.63	7.91	3.37	YES	HRDOW	NO

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT OF VERTS.	SZ	SOURCE SCALAR VARY	BY
-----------	-------	------------	---	---	-------	------------------	----	--------------------	----

CONSTRUCTION 0 0.19474E-04 411890.5 3777813.3 164.4 5.00 8 1.40 YES HRDOW NO
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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CONSTRUC CONSTRUCTION,

HAUL HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,HAUL0006 ,HAUL0007 ,HAUL0008 ,
HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,HAUL0014 ,HAUL0015 ,HAUL0016 ,
HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,HAUL0022 ,HAUL0023 ,HAUL0024 ,
HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 ,HAUL0029 ,HAUL0030 ,HAUL0031 ,HAUL0032 ,
HAUL0033 ,HAUL0034 ,HAUL0035 ,HAUL0036 ,HAUL0037 ,HAUL0038 ,HAUL0039 ,HAUL0040 ,
HAUL0041 ,HAUL0042 ,HAUL0043 ,HAUL0044 ,HAUL0045 ,HAUL0046 ,HAUL0047 ,HAUL0048 ,
HAUL0049 ,HAUL0050 ,HAUL0051 ,HAUL0052 ,HAUL0053 ,HAUL0054 ,HAUL0055 ,HAUL0056 ,
HAUL0057 ,HAUL0058 ,HAUL0059 ,HAUL0060 ,HAUL0061 ,HAUL0062 ,HAUL0063 ,

ALL CONSTRUCTION,HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,HAUL0006 ,HAUL0007 ,
HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,HAUL0014 ,HAUL0015 ,
HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,HAUL0022 ,HAUL0023 ,
HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 ,HAUL0029 ,HAUL0030 ,HAUL0031 ,
HAUL0032 ,HAUL0033 ,HAUL0034 ,HAUL0035 ,HAUL0036 ,HAUL0037 ,HAUL0038 ,HAUL0039 ,
HAUL0040 ,HAUL0041 ,HAUL0042 ,HAUL0043 ,HAUL0044 ,HAUL0045 ,HAUL0046 ,HAUL0047 ,
HAUL0048 ,HAUL0049 ,HAUL0050 ,HAUL0051 ,HAUL0052 ,HAUL0053 ,HAUL0054 ,HAUL0055 ,

HAUL0056 ,HAUL0057 ,HAUL0058 ,HAUL0059 ,HAUL0060 ,HAUL0061 ,HAUL0062 ,HAUL0063 ,
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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9818605. CONSTRUCTION,HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,HAUL0006 ,
HAUL0007 ,
HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,HAUL0014 ,HAUL0015 ,
HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,HAUL0022 ,HAUL0023 ,
HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 ,HAUL0029 ,HAUL0030 ,HAUL0031 ,
HAUL0032 ,HAUL0033 ,HAUL0034 ,HAUL0035 ,HAUL0036 ,HAUL0037 ,HAUL0038 ,HAUL0039 ,

HAUL0040 ,HAUL0041 ,HAUL0042 ,HAUL0043 ,HAUL0044 ,HAUL0045 ,HAUL0046 ,HAUL0047 ,
HAUL0048 ,HAUL0049 ,HAUL0050 ,HAUL0051 ,HAUL0052 ,HAUL0053 ,HAUL0054 ,HAUL0055 ,
HAUL0056 ,HAUL0057 ,HAUL0058 ,HAUL0059 ,HAUL0060 ,HAUL0061 ,HAUL0062 ,HAUL0063 ,
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = CONSTRUCTION ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0001 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0002 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0010 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0011 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024

*** 13:06:32

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0012 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024

*** 13:06:32

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0013 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

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SOURCE ID = HAUL0016 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
-----
    DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
    DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
    DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

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HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

*** AERMOD - VERSION 23132 *** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** September 2024 *** 13:06:32

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRBDOW) *

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1.0000E+00 2.0000E+00 3.0000E+00 4.0000E+00 5.0000E+00 6.0000E+00 7.0000E+00 8.1600E+01
9.1600E+01 10.1600E+01 11.1600E+01 12.1600E+01 13.1600E+01 14.1600E+01 15.1600E+01 16.1600E+01
17.1600E+01 18.1600E+01 19.1600E+01 20.1600E+01 21.1600E+01 22.1600E+01 23.0000E+00 24.0000E+00

1.0000E+00 2.0000E+00 3.0000E+00 4.0000E+00 5.0000E+00 6.0000E+00 7.0000E+00 8.1600E+01
9.1600E+01 10.1600E+01 11.1600E+01 12.1600E+01 13.1600E+01 14.1600E+01 15.1600E+01 16.1600E+01
17.1600E+01 18.1600E+01 19.1600E+01 20.1600E+01 21.1600E+01 22.1600E+01 23.0000E+00 24.0000E+00

1.0000E+00 2.0000E+00 3.0000E+00 4.0000E+00 5.0000E+00 6.0000E+00 7.0000E+00 8.1600E+01
9.1600E+01 10.1600E+01 11.1600E+01 12.1600E+01 13.1600E+01 14.1600E+01 15.1600E+01 16.1600E+01
17.1600E+01 18.1600E+01 19.1600E+01 20.1600E+01 21.1600E+01 22.1600E+01 23.0000E+00 24.0000E+00

*** AERMET - VERSION 16216 *** *** September 2024 *** 13:06:32

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1.0000E+00 2.0000E+00 3.0000E+00 4.0000E+00 5.0000E+00 6.0000E+00 7.0000E+00 8.1600E+01
9.1600E+01 10.1600E+01 11.1600E+01 12.1600E+01 13.1600E+01 14.1600E+01 15.1600E+01 16.1600E+01
17.1600E+01 18.1600E+01 19.1600E+01 20.1600E+01 21.1600E+01 22.1600E+01 23.0000E+00 24.0000E+00

1.0000E+00 2.0000E+00 3.0000E+00 4.0000E+00 5.0000E+00 6.0000E+00 7.0000E+00 8.1600E+01
9.1600E+01 10.1600E+01 11.1600E+01 12.1600E+01 13.1600E+01 14.1600E+01 15.1600E+01 16.1600E+01
17.1600E+01 18.1600E+01 19.1600E+01 20.1600E+01 21.1600E+01 22.1600E+01 23.0000E+00 24.0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

*** AERMET - VERSION 16216 *** *** September 2024 *** 13:06:32

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1.0000E+00 2.0000E+00 3.0000E+00 4.0000E+00 5.0000E+00 6.0000E+00 7.0000E+00 8.1600E+01
9.1600E+01 10.1600E+01 11.1600E+01 12.1600E+01 13.1600E+01 14.1600E+01 15.1600E+01 16.1600E+01
17.1600E+01 18.1600E+01 19.1600E+01 20.1600E+01 21.1600E+01 22.1600E+01 23.0000E+00 24.0000E+00

1.0000E+00 2.0000E+00 3.0000E+00 4.0000E+00 5.0000E+00 6.0000E+00 7.0000E+00 8.1600E+01
9.1600E+01 10.1600E+01 11.1600E+01 12.1600E+01 13.1600E+01 14.1600E+01 15.1600E+01 16.1600E+01
17.1600E+01 18.1600E+01 19.1600E+01 20.1600E+01 21.1600E+01 22.1600E+01 23.0000E+00 24.0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

*** AERMET - VERSION 16216 *** *** September 2024 *** 13:06:32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAU10027 · SOURCE TYPE = VOLUME ·

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

[illegible]

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

[illegible]

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

*** MODEL OPTS: Reg DEFAULT CONC ELEV URBAN ADJ U* ***

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0038 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
*** AERMOT - VERSION 23132 *** ** C:\LAKES_AERMOT\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMOT - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = HAUL0039 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
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      DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
      DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
      DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 16216 *** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMOD - VERSION 16216 *** September 2024 *** 13:06:32 ***

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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = HAUL0040 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
-----
      DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
      DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
      DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0048 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024

*** 13:06:32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0049 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024

*** 13:06:32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0050 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024

*** 13:06:32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0051 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1600E+01	9	.1600E+01	10	.1600E+01	11	.1600E+01	12	.1600E+01	13	.1600E+01	14	.1600E+01	15	.1600E+01	16	.1600E+01	17	.1600E+01	18	.1600E+01	19	.1600E+01	20	.1600E+01	21	.1600E+01	22	.1600E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY												
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .1600E+01					
9 .1600E+01	10 .1600E+01	11 .1600E+01	12 .1600E+01	13 .1600E+01	14 .1600E+01	15 .1600E+01	16 .1600E+01					
17 .1600E+01	18 .1600E+01	19 .1600E+01	20 .1600E+01	21 .1600E+01	22 .1600E+01	23 .0000E+00	24 .0000E+00					
DAY OF WEEK = SATURDAY												
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .1600E+01					
9 .1600E+01	10 .1600E+01	11 .1600E+01	12 .1600E+01	13 .1600E+01	14 .1600E+01	15 .1600E+01	16 .1600E+01					
17 .1600E+01	18 .1600E+01	19 .1600E+01	20 .1600E+01	21 .1600E+01	22 .1600E+01	23 .0000E+00	24 .0000E+00					
DAY OF WEEK = SUNDAY												
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .1600E+01					
9 .1600E+01	10 .1600E+01	11 .1600E+01	12 .1600E+01	13 .1600E+01	14 .1600E+01	15 .1600E+01	16 .1600E+01					
17 .1600E+01	18 .1600E+01	19 .1600E+01	20 .1600E+01	21 .1600E+01	22 .1600E+01	23 .0000E+00	24 .0000E+00					

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0062 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0063 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1600E+01
9 .1600E+01 10 .1600E+01 11 .1600E+01 12 .1600E+01 13 .1600E+01 14 .1600E+01 15 .1600E+01 16 .1600E+01
17 .1600E+01 18 .1600E+01 19 .1600E+01 20 .1600E+01 21 .1600E+01 22 .1600E+01 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(411893.3, 3777816.1, 164.6, 164.6, 0.0);	(411913.3, 3777816.1, 165.4, 165.4, 0.0);
(411933.3, 3777816.1, 165.7, 165.7, 0.0);	(411953.3, 3777816.1, 165.9, 165.9, 0.0);
(411973.3, 3777816.1, 166.1, 166.1, 0.0);	(411993.3, 3777816.1, 166.2, 166.2, 0.0);
(412013.3, 3777816.1, 166.4, 166.4, 0.0);	(412033.3, 3777816.1, 166.6, 166.6, 0.0);
(412053.3, 3777816.1, 167.0, 167.0, 0.0);	(412073.3, 3777816.1, 167.2, 167.2, 0.0);
(412093.3, 3777816.1, 167.6, 167.6, 0.0);	(412113.3, 3777816.1, 167.9, 167.9, 0.0);
(412133.3, 3777816.1, 168.0, 168.0, 0.0);	(412153.3, 3777816.1, 168.3, 168.3, 0.0);
(412173.3, 3777816.1, 168.5, 168.5, 0.0);	(412193.3, 3777816.1, 168.7, 168.7, 0.0);
(412213.3, 3777816.1, 168.9, 168.9, 0.0);	(412233.3, 3777816.1, 169.1, 169.1, 0.0);
(412273.3, 3777816.1, 169.6, 169.6, 0.0);	(412293.3, 3777816.1, 170.1, 170.1, 0.0);
(412313.3, 3777816.1, 170.4, 170.4, 0.0);	(412333.3, 3777816.1, 170.6, 170.6, 0.0);
(412353.3, 3777816.1, 170.8, 170.8, 0.0);	(412373.3, 3777816.1, 171.1, 171.1, 0.0);
(412393.3, 3777816.1, 171.3, 171.3, 0.0);	(412413.3, 3777816.1, 171.6, 171.6, 0.0);
(412433.3, 3777816.1, 171.7, 171.7, 0.0);	(412453.3, 3777816.1, 172.0, 172.0, 0.0);
(412473.3, 3777816.1, 172.2, 172.2, 0.0);	(411893.3, 3777836.1, 164.7, 164.7, 0.0);
(411913.3, 3777836.1, 165.6, 165.6, 0.0);	(411933.3, 3777836.1, 165.9, 165.9, 0.0);
(411953.3, 3777836.1, 166.1, 166.1, 0.0);	(411973.3, 3777836.1, 166.4, 166.4, 0.0);
(411993.3, 3777836.1, 166.6, 166.6, 0.0);	(412013.3, 3777836.1, 166.8, 166.8, 0.0);
(412033.3, 3777836.1, 167.0, 167.0, 0.0);	(412053.3, 3777836.1, 167.2, 167.2, 0.0);
(412073.3, 3777836.1, 167.5, 167.5, 0.0);	(412093.3, 3777836.1, 167.8, 167.8, 0.0);
(412113.3, 3777836.1, 168.1, 168.1, 0.0);	(412133.3, 3777836.1, 168.2, 168.2, 0.0);

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( 412153.3, 3777836.1, 168.6, 168.6, 0.0); ( 412173.3, 3777836.1, 168.8, 168.8, 0.0);
( 412193.3, 3777836.1, 169.0, 169.0, 0.0); ( 412213.3, 3777836.1, 169.2, 169.2, 0.0);
( 412233.3, 3777836.1, 169.6, 169.6, 0.0); ( 412273.3, 3777836.1, 169.9, 169.9, 0.0);
( 412293.3, 3777836.1, 170.2, 170.2, 0.0); ( 412313.3, 3777836.1, 170.6, 170.6, 0.0);
( 412333.3, 3777836.1, 170.9, 170.9, 0.0); ( 412353.3, 3777836.1, 171.0, 171.0, 0.0);
( 412373.3, 3777836.1, 171.3, 171.3, 0.0); ( 412393.3, 3777836.1, 171.5, 171.5, 0.0);
( 412413.3, 3777836.1, 171.8, 171.8, 0.0); ( 412433.3, 3777836.1, 171.9, 171.9, 0.0);
( 412453.3, 3777836.1, 172.0, 172.0, 0.0); ( 412473.3, 3777836.1, 172.0, 172.0, 0.0);
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( 411933.3, 3777876.1, 166.0, 166.0, 0.0); ( 411953.3, 3777876.1, 166.2, 166.2, 0.0);
( 411973.3, 3777876.1, 166.5, 166.5, 0.0); ( 411993.3, 3777876.1, 166.8, 166.8, 0.0);
( 412013.3, 3777876.1, 167.0, 167.0, 0.0); ( 412033.3, 3777876.1, 167.2, 167.2, 0.0);
( 412053.3, 3777876.1, 167.5, 167.5, 0.0); ( 412073.3, 3777876.1, 167.8, 167.8, 0.0);
( 412093.3, 3777876.1, 167.9, 167.9, 0.0); ( 412113.3, 3777876.1, 168.2, 168.2, 0.0);
( 412133.3, 3777876.1, 168.5, 168.5, 0.0); ( 412153.3, 3777876.1, 168.8, 168.8, 0.0);
( 412173.3, 3777876.1, 169.1, 169.1, 0.0); ( 412193.3, 3777876.1, 169.4, 169.4, 0.0);
( 412213.3, 3777876.1, 169.6, 169.6, 0.0); ( 412233.3, 3777876.1, 169.9, 169.9, 0.0);
( 412273.3, 3777876.1, 170.4, 170.4, 0.0); ( 412293.3, 3777876.1, 170.9, 170.9, 0.0);
( 412313.3, 3777876.1, 171.2, 171.2, 0.0); ( 412333.3, 3777876.1, 171.4, 171.4, 0.0);
( 412353.3, 3777876.1, 171.4, 171.4, 0.0); ( 412373.3, 3777876.1, 171.5, 171.5, 0.0);
( 412393.3, 3777876.1, 171.8, 171.8, 0.0); ( 412413.3, 3777876.1, 172.0, 172.0, 0.0);
( 412433.3, 3777876.1, 172.1, 172.1, 0.0); ( 412453.3, 3777876.1, 172.4, 172.4, 0.0);
( 412473.3, 3777876.1, 172.7, 172.7, 0.0); ( 411913.3, 3777896.1, 165.9, 165.9, 0.0);
( 411933.3, 3777896.1, 166.2, 166.2, 0.0); ( 411953.3, 3777896.1, 166.4, 166.4, 0.0);

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*** AERMOD - VERSION 23132 *** *** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** *** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

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( 411973.3, 3777896.1, 166.7, 166.7, 0.0); ( 411993.3, 3777896.1, 166.9, 166.9, 0.0);
( 412013.3, 3777896.1, 167.1, 167.1, 0.0); ( 412033.3, 3777896.1, 167.5, 167.5, 0.0);
( 412053.3, 3777896.1, 167.7, 167.7, 0.0); ( 412073.3, 3777896.1, 167.9, 167.9, 0.0);
( 412093.3, 3777896.1, 168.0, 168.0, 0.0); ( 412113.3, 3777896.1, 168.3, 168.3, 0.0);
( 412133.3, 3777896.1, 168.5, 168.5, 0.0); ( 412153.3, 3777896.1, 168.9, 168.9, 0.0);
( 412173.3, 3777896.1, 169.2, 169.2, 0.0); ( 412193.3, 3777896.1, 169.6, 169.6, 0.0);
( 412213.3, 3777896.1, 169.8, 169.8, 0.0); ( 412233.3, 3777896.1, 170.0, 170.0, 0.0);
( 412273.3, 3777896.1, 170.5, 170.5, 0.0); ( 412293.3, 3777896.1, 171.1, 171.1, 0.0);
( 412313.3, 3777896.1, 171.4, 171.4, 0.0); ( 412333.3, 3777896.1, 171.6, 171.6, 0.0);
( 412353.3, 3777896.1, 171.9, 171.9, 0.0); ( 412373.3, 3777896.1, 171.8, 171.8, 0.0);
( 412393.3, 3777896.1, 172.0, 172.0, 0.0); ( 412413.3, 3777896.1, 172.2, 172.2, 0.0);
( 412433.3, 3777896.1, 172.5, 172.5, 0.0); ( 412453.3, 3777896.1, 172.6, 172.6, 0.0);
( 412473.3, 3777896.1, 172.8, 172.8, 0.0); ( 411913.3, 3777916.1, 166.1, 166.1, 0.0);
( 411933.3, 3777916.1, 166.4, 166.4, 0.0); ( 411953.3, 3777916.1, 166.7, 166.7, 0.0);
( 411973.3, 3777916.1, 166.9, 166.9, 0.0); ( 411993.3, 3777916.1, 167.1, 167.1, 0.0);
( 412013.3, 3777916.1, 167.4, 167.4, 0.0); ( 412033.3, 3777916.1, 167.6, 167.6, 0.0);
( 412053.3, 3777916.1, 167.9, 167.9, 0.0); ( 412073.3, 3777916.1, 168.2, 168.2, 0.0);
( 412093.3, 3777916.1, 168.3, 168.3, 0.0); ( 412113.3, 3777916.1, 168.5, 168.5, 0.0);
( 412133.3, 3777916.1, 168.9, 168.9, 0.0); ( 412153.3, 3777916.1, 169.0, 169.0, 0.0);
( 412173.3, 3777916.1, 169.3, 169.3, 0.0); ( 412193.3, 3777916.1, 169.6, 169.6, 0.0);
( 412213.3, 3777916.1, 169.9, 169.9, 0.0); ( 412233.3, 3777916.1, 170.2, 170.2, 0.0);
( 412273.3, 3777916.1, 170.5, 170.5, 0.0); ( 412293.3, 3777916.1, 171.0, 171.0, 0.0);
( 412313.3, 3777916.1, 171.3, 171.3, 0.0); ( 412333.3, 3777916.1, 171.6, 171.6, 0.0);
( 412353.3, 3777916.1, 172.0, 172.0, 0.0); ( 412373.3, 3777916.1, 172.1, 172.1, 0.0);
( 412393.3, 3777916.1, 172.2, 172.2, 0.0); ( 412413.3, 3777916.1, 172.4, 172.4, 0.0);
( 412433.3, 3777916.1, 172.6, 172.6, 0.0); ( 412453.3, 3777916.1, 172.7, 172.7, 0.0);
( 412473.3, 3777916.1, 172.8, 172.8, 0.0); ( 411913.3, 3777956.1, 166.1, 166.1, 0.0);
( 411933.3, 3777956.1, 166.4, 166.4, 0.0); ( 411953.3, 3777956.1, 166.7, 166.7, 0.0);
( 411973.3, 3777956.1, 166.9, 166.9, 0.0); ( 411993.3, 3777956.1, 167.1, 167.1, 0.0);
( 412013.3, 3777956.1, 167.3, 167.3, 0.0); ( 412033.3, 3777956.1, 167.6, 167.6, 0.0);
( 412053.3, 3777956.1, 167.8, 167.8, 0.0); ( 412073.3, 3777956.1, 168.1, 168.1, 0.0);
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( 412133.3, 3777956.1, 168.9, 168.9, 0.0); ( 412153.3, 3777956.1, 169.1, 169.1, 0.0);
( 412173.3, 3777956.1, 169.4, 169.4, 0.0); ( 412193.3, 3777956.1, 169.6, 169.6, 0.0);
( 412213.3, 3777956.1, 169.7, 169.7, 0.0); ( 412233.3, 3777956.1, 170.1, 170.1, 0.0);
( 412273.3, 3777956.1, 170.6, 170.6, 0.0); ( 412293.3, 3777956.1, 171.0, 171.0, 0.0);
( 412313.3, 3777956.1, 171.4, 171.4, 0.0); ( 412333.3, 3777956.1, 171.7, 171.7, 0.0);
( 412353.3, 3777956.1, 172.1, 172.1, 0.0); ( 412373.3, 3777956.1, 172.3, 172.3, 0.0);
( 412393.3, 3777956.1, 172.5, 172.5, 0.0); ( 412413.3, 3777956.1, 172.8, 172.8, 0.0);
( 412433.3, 3777956.1, 173.0, 173.0, 0.0); ( 412453.3, 3777956.1, 173.0, 173.0, 0.0);
( 412473.3, 3777956.1, 173.0, 173.0, 0.0); ( 411913.3, 3777976.1, 166.5, 166.5, 0.0);
( 411933.3, 3777976.1, 166.7, 166.7, 0.0); ( 411953.3, 3777976.1, 166.8, 166.8, 0.0);
( 411973.3, 3777976.1, 167.0, 167.0, 0.0); ( 411993.3, 3777976.1, 167.2, 167.2, 0.0);

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(412013.3, 3777976.1, 167.3, 167.3, 0.0); (412033.3, 3777976.1, 167.6, 167.6, 0.0);
(412053.3, 3777976.1, 167.8, 167.8, 0.0); (412073.3, 3777976.1, 167.9, 167.9, 0.0);
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(412093.3, 3777976.1, 168.2, 168.2, 0.0);	(412113.3, 3777976.1, 168.4, 168.4, 0.0);
(412133.3, 3777976.1, 168.7, 168.7, 0.0);	(412153.3, 3777976.1, 168.9, 168.9, 0.0);
(412173.3, 3777976.1, 169.2, 169.2, 0.0);	(412193.3, 3777976.1, 169.5, 169.5, 0.0);
(412213.3, 3777976.1, 169.7, 169.7, 0.0);	(412233.3, 3777976.1, 170.1, 170.1, 0.0);
(412273.3, 3777976.1, 170.5, 170.5, 0.0);	(412293.3, 3777976.1, 171.0, 171.0, 0.0);
(412313.3, 3777976.1, 171.4, 171.4, 0.0);	(412333.3, 3777976.1, 171.6, 171.6, 0.0);
(412353.3, 3777976.1, 171.9, 171.9, 0.0);	(412373.3, 3777976.1, 172.1, 172.1, 0.0);
(412393.3, 3777976.1, 172.4, 172.4, 0.0);	(412413.3, 3777976.1, 172.6, 172.6, 0.0);
(412433.3, 3777976.1, 172.9, 172.9, 0.0);	(412453.3, 3777976.1, 173.0, 173.0, 0.0);
(412473.3, 3777976.1, 173.3, 173.3, 0.0);	(412265.3, 3777635.3, 168.1, 168.1, 0.0);
(412285.3, 3777635.3, 168.4, 168.4, 0.0);	(412305.3, 3777635.3, 168.4, 168.4, 0.0);
(412325.3, 3777635.3, 168.5, 168.5, 0.0);	(412345.3, 3777635.3, 168.7, 169.2, 0.0);
(412365.3, 3777635.3, 168.8, 168.8, 0.0);	(412385.3, 3777635.3, 168.9, 169.5, 0.0);
(412405.3, 3777635.3, 169.1, 169.6, 0.0);	(412425.3, 3777635.3, 169.3, 169.3, 0.0);
(412445.3, 3777635.3, 169.5, 169.5, 0.0);	(412465.3, 3777635.3, 169.7, 169.7, 0.0);
(412485.3, 3777635.3, 169.8, 169.8, 0.0);	(412265.3, 3777655.3, 168.0, 168.0, 0.0);
(412285.3, 3777655.3, 168.5, 168.5, 0.0);	(412305.3, 3777655.3, 168.8, 168.8, 0.0);
(412325.3, 3777655.3, 169.0, 169.0, 0.0);	(412345.3, 3777655.3, 169.2, 169.2, 0.0);
(412365.3, 3777655.3, 169.4, 169.4, 0.0);	(412385.3, 3777655.3, 169.5, 169.5, 0.0);
(412405.3, 3777655.3, 169.6, 169.6, 0.0);	(412425.3, 3777655.3, 169.6, 169.6, 0.0);
(412445.3, 3777655.3, 169.7, 169.7, 0.0);	(412465.3, 3777655.3, 169.8, 169.8, 0.0);
(412485.3, 3777655.3, 169.9, 169.9, 0.0);	(412265.3, 3777675.3, 168.1, 168.1, 0.0);
(412285.3, 3777675.3, 168.7, 168.7, 0.0);	(412265.3, 3777695.3, 168.3, 168.3, 0.0);
(412285.3, 3777695.3, 169.1, 169.1, 0.0);	(412305.3, 3777695.3, 169.3, 169.3, 0.0);
(412325.3, 3777695.3, 169.1, 169.1, 0.0);	(412345.3, 3777695.3, 169.5, 169.5, 0.0);
(412365.3, 3777695.3, 169.7, 169.7, 0.0);	(412385.3, 3777695.3, 169.9, 169.9, 0.0);
(412405.3, 3777695.3, 169.5, 169.5, 0.0);	(412425.3, 3777695.3, 169.9, 169.9, 0.0);
(412445.3, 3777695.3, 170.2, 170.2, 0.0);	(412465.3, 3777695.3, 170.2, 170.2, 0.0);
(412485.3, 3777695.3, 170.2, 170.2, 0.0);	(412265.3, 3777715.3, 168.5, 168.5, 0.0);
(412285.3, 3777715.3, 169.0, 169.0, 0.0);	(412305.3, 3777715.3, 169.5, 169.5, 0.0);
(412325.3, 3777715.3, 169.4, 169.4, 0.0);	(412345.3, 3777715.3, 169.8, 169.8, 0.0);
(412365.3, 3777715.3, 169.9, 169.9, 0.0);	(412385.3, 3777715.3, 170.2, 170.2, 0.0);
(412405.3, 3777715.3, 170.1, 170.1, 0.0);	(412425.3, 3777715.3, 170.4, 170.4, 0.0);
(412445.3, 3777715.3, 170.4, 170.4, 0.0);	(412465.3, 3777715.3, 170.6, 170.6, 0.0);
(412485.3, 3777715.3, 170.8, 170.8, 0.0);	(412265.3, 3777735.3, 168.7, 168.7, 0.0);
(412285.3, 3777735.3, 169.4, 169.4, 0.0);	(412305.3, 3777735.3, 169.6, 169.6, 0.0);
(412325.3, 3777735.3, 169.4, 169.4, 0.0);	(412345.3, 3777735.3, 169.9, 169.9, 0.0);
(412365.3, 3777735.3, 170.2, 170.2, 0.0);	(412385.3, 3777735.3, 170.7, 170.7, 0.0);
(412405.3, 3777735.3, 170.6, 170.6, 0.0);	(412425.3, 3777735.3, 171.1, 171.1, 0.0);
(412445.3, 3777735.3, 171.2, 171.2, 0.0);	(412465.3, 3777735.3, 171.4, 171.4, 0.0);
(412485.3, 3777735.3, 171.3, 171.3, 0.0);	(412265.3, 3777755.3, 168.8, 168.8, 0.0);
(412285.3, 3777755.3, 169.6, 169.6, 0.0);	(412305.3, 3777755.3, 169.7, 169.7, 0.0);
(412325.3, 3777755.3, 169.7, 169.7, 0.0);	(412345.3, 3777755.3, 170.2, 170.2, 0.0);
(412365.3, 3777755.3, 170.5, 170.5, 0.0);	(412385.3, 3777755.3, 171.0, 171.0, 0.0);
(412405.3, 3777755.3, 171.1, 171.1, 0.0);	(412425.3, 3777755.3, 171.1, 171.1, 0.0);

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(412445.3, 3777755.3, 171.2, 171.2, 0.0);	(412465.3, 3777755.3, 171.1, 171.1, 0.0);
(412485.3, 3777755.3, 171.0, 171.0, 0.0);	(412265.3, 3777775.3, 169.0, 169.4, 0.0);
(412285.3, 3777775.3, 169.7, 169.7, 0.0);	(412305.3, 3777775.3, 169.9, 169.9, 0.0);
(412325.3, 3777775.3, 169.9, 169.9, 0.0);	(412465.3, 3777775.3, 171.2, 171.2, 0.0);
(412485.3, 3777775.3, 171.4, 171.4, 0.0);	(412265.3, 3777795.3, 169.1, 169.1, 0.0);
(412285.3, 3777795.3, 169.8, 169.8, 0.0);	(412305.3, 3777795.3, 170.1, 170.1, 0.0);
(412325.3, 3777795.3, 170.2, 170.2, 0.0);	(412345.3, 3777795.3, 170.5, 170.5, 0.0);
(412365.3, 3777795.3, 170.6, 170.6, 0.0);	(412385.3, 3777795.3, 170.7, 170.7, 0.0);
(412405.3, 3777795.3, 170.9, 170.9, 0.0);	(412425.3, 3777795.3, 171.2, 171.2, 0.0);
(412445.3, 3777795.3, 171.3, 171.3, 0.0);	(412465.3, 3777795.3, 171.5, 171.5, 0.0);
(412485.3, 3777795.3, 171.7, 171.7, 0.0);	(412265.3, 3777815.3, 169.2, 169.2, 0.0);


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( 412285.3,3777815.3, 170.1, 170.1, 0.0); ( 412305.3,3777815.3, 170.3, 170.3, 0.0);
( 412325.3,3777815.3, 170.5, 170.5, 0.0); ( 412345.3,3777815.3, 170.8, 170.8, 0.0);
( 412365.3,3777815.3, 171.1, 171.1, 0.0); ( 412385.3,3777815.3, 171.2, 171.2, 0.0);
( 412405.3,3777815.3, 171.4, 171.4, 0.0); ( 412425.3,3777815.3, 171.7, 171.7, 0.0);
( 412445.3,3777815.3, 171.9, 171.9, 0.0); ( 412465.3,3777815.3, 172.1, 172.1, 0.0);
( 412485.3,3777815.3, 172.3, 172.3, 0.0); ( 412262.0,3777984.8, 170.1, 170.1, 0.0);
( 412282.0,3777984.8, 170.7, 170.7, 0.0); ( 412302.0,3777984.8, 171.1, 171.1, 0.0);
( 412322.0,3777984.8, 171.7, 171.7, 0.0); ( 412342.0,3777984.8, 171.8, 171.8, 0.0);
( 412362.0,3777984.8, 172.0, 172.0, 0.0); ( 412262.0,3778004.8, 170.2, 170.2, 0.0);
( 412282.0,3778004.8, 171.1, 171.1, 0.0); ( 412302.0,3778004.8, 171.7, 171.7, 0.0);
( 412322.0,3778004.8, 171.9, 171.9, 0.0); ( 412342.0,3778004.8, 171.8, 171.8, 0.0);
( 412362.0,3778004.8, 172.0, 172.0, 0.0); ( 412262.0,3778024.8, 170.3, 170.3, 0.0);
( 412282.0,3778024.8, 171.3, 171.3, 0.0); ( 412302.0,3778024.8, 172.0, 172.0, 0.0);
( 412322.0,3778024.8, 172.0, 172.0, 0.0); ( 412342.0,3778024.8, 172.0, 172.0, 0.0);
( 412362.0,3778024.8, 172.0, 172.0, 0.0); ( 412262.0,3778044.8, 170.5, 170.5, 0.0);
( 412282.0,3778044.8, 171.1, 171.1, 0.0); ( 412302.0,3778044.8, 171.7, 171.7, 0.0);
( 412322.0,3778044.8, 171.9, 171.9, 0.0); ( 412342.0,3778044.8, 172.0, 172.0, 0.0);
( 412362.0,3778044.8, 172.1, 172.1, 0.0);
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE	-- RECEPTOR LOCATION --	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)

HAUL0018	412265.3	3777675.3	-5.07
HAUL0019	412265.3	3777675.3	-0.67
HAUL0019	412265.3	3777695.3	-3.64
HAUL0020	412265.3	3777695.3	-2.83
HAUL0020	412265.3	3777715.3	-1.74
HAUL0021	412265.3	3777715.3	-4.62
HAUL0021	412265.3	3777735.3	0.46
HAUL0022	412265.3	3777735.3	-5.89
HAUL0023	412265.3	3777755.3	-6.43
HAUL0024	412265.3	3777775.3	-6.14
HAUL0025	412265.3	3777775.3	0.61
HAUL0025	412265.3	3777795.3	-5.07
HAUL0026	412265.3	3777795.3	-1.75
HAUL0026	412265.3	3777815.3	-3.42
HAUL0027	412265.3	3777815.3	-3.85
HAUL0030	412273.3	3777876.1	0.70
HAUL0031	412273.3	3777896.1	0.86
HAUL0035	412273.3	3777956.1	-0.89
HAUL0036	412273.3	3777976.1	-1.61
HAUL0036	412262.0	3777984.8	-7.74
HAUL0037	412262.0	3777984.8	-7.50
HAUL0037	412262.0	3778004.8	-5.04
HAUL0038	412262.0	3778004.8	-10.21
HAUL0038	412262.0	3778024.8	-2.21
HAUL0039	412262.0	3778024.8	-12.54
HAUL0039	412262.0	3778044.8	0.68
HAUL0040	412262.0	3778044.8	-13.58
HAUL0041	412262.0	3778044.8	-0.01

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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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1111111111 1111111111 1111111111 1111111111 1111111111
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: MET\AzusaADJU (1)\AZUS_V9_ADJU\AZUS_v9.SFC

Met Version: 16216

Profile file: MET\AzusaADJU (1)\AZUS_V9_ADJU\AZUS_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR MO DY JDY HR H0 U* W* DT/DZ ZICNV ZIMCH M-O LEN Z0 BOWEN ALBEDO REF WS WD HT REF TA HT

12	01	01	1	01	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	20.	9.1	293.1	5.5
12	01	01	1	02	-32.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.36	1.68	1.00	2.70	99.	9.1	293.1	5.5
12	01	01	1	03	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	14.	9.1	292.0	5.5
12	01	01	1	04	-32.6	0.342	-9.000	-9.000	-999.	480.	128.9	0.36	1.68	1.00	2.70	10.	9.1	292.5	5.5
12	01	01	1	05	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	12.	9.1	292.5	5.5
12	01	01	1	06	-21.6	0.224	-9.000	-9.000	-999.	256.	55.2	0.36	1.68	1.00	1.80	118.	9.1	289.2	5.5
12	01	01	1	07	-26.6	0.277	-9.000	-9.000	-999.	349.	84.1	0.36	1.68	1.00	2.20	64.	9.1	290.9	5.5
12	01	01	1	08	-1.3	0.062	-9.000	-9.000	-999.	124.	16.5	0.36	1.68	0.55	0.40	36.	9.1	290.9	5.5
12	01	01	1	09	38.1	0.160	0.348	0.008	39.	153.	-9.5	0.36	1.68	0.32	0.90	124.	9.1	293.8	5.5
12	01	01	1	10	99.5	0.179	0.693	0.007	119.	181.	-5.1	0.36	1.68	0.25	0.90	21.	9.1	298.1	5.5
12	01	01	1	11	142.6	0.494	1.086	0.005	321.	832.	-75.2	0.36	1.68	0.22	3.60	141.	9.1	299.9	5.5
12	01	01	1	12	162.8	0.442	1.385	0.005	582.	709.	-47.3	0.36	1.68	0.21	3.10	122.	9.1	299.9	5.5
12	01	01	1	13	164.4	0.298	1.634	0.005	946.	405.	-14.3	0.36	1.68	0.21	1.80	114.	9.1	300.9	5.5
12	01	01	1	14	142.7	0.293	1.718	0.005	1265.	382.	-15.8	0.36	1.68	0.22	1.80	93.	9.1	302.5	5.5
12	01	01	1	15	96.7	0.283	1.575	0.005	1438.	361.	-20.7	0.36	1.68	0.26	1.80	110.	9.1	303.8	5.5
12	01	01	1	16	41.5	0.207	1.201	0.005	1485.	228.	-18.9	0.36	1.68	0.35	1.30	113.	9.1	304.2	5.5
12	01	01	1	17	-37.8	0.464	-9.000	-9.000	-999.	757.	236.3	0.36	1.68	0.62	3.60	251.	9.1	300.9	5.5
12	01	01	1	18	-26.1	0.277	-9.000	-9.000	-999.	379.	84.2	0.36	1.68	1.00	2.20	8.	9.1	296.4	5.5
12	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999999.0	0.36	1.68	1.00	999.00	999.	-9.0	295.9	5.5	
12	01	01	1	20	-5.7	0.107	-9.000	-9.000	-999.	84.	19.3	0.36	1.68	1.00	0.90	35.	9.1	295.4	5.5
12	01	01	1	21	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	213.	9.1	293.8	5.5
12	01	01	1	22	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	52.	9.1	293.8	5.5
12	01	01	1	23	-26.3	0.277	-9.000	-9.000	-999.	349.	84.2	0.36	1.68	1.00	2.20	58.	9.1	293.8	5.5
12	01	01	1	24	-21.4	0.224	-9.000	-9.000	-999.	256.	55.3	0.36	1.68	1.00	1.80	83.	9.1	292.5	5.5

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV

12 01 01 01 5.50 -999. -99.00 293.2 99.0 -99.00 -99.00

12 01 01 01 9.11 20. 1.80 -999.0 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
411893.28	3777816.13	15.88302	411913.28	3777816.13	31.41624
411933.28	3777816.13	43.37642	411953.28	3777816.13	51.40438
411973.28	3777816.13	57.27500	411993.28	3777816.13	61.80901
412013.28	3777816.13	65.49049	412033.28	3777816.13	68.53959

412053.28	3777816.13	71.22070	412073.28	3777816.13	73.53530
412093.28	3777816.13	75.69043	412113.28	3777816.13	77.52434
412133.28	3777816.13	78.52694	412153.28	3777816.13	79.31291
412173.28	3777816.13	79.57826	412193.28	3777816.13	79.31752
412213.28	3777816.13	78.17151	412233.28	3777816.13	75.24544
412273.28	3777816.13	48.44871	412293.28	3777816.13	39.17786
412313.28	3777816.13	32.73766	412333.28	3777816.13	27.92159
412353.28	3777816.13	24.16489	412373.28	3777816.13	21.16201
412393.28	3777816.13	18.70133	412413.28	3777816.13	16.67101
412433.28	3777816.13	14.95116	412453.28	3777816.13	13.49926
412473.28	3777816.13	12.25402	411893.28	3777836.13	10.26895
411913.28	3777836.13	16.02538	411933.28	3777836.13	22.43788
411953.28	3777836.13	27.73644	411973.28	3777836.13	31.91455
411993.28	3777836.13	35.36004	412013.28	3777836.13	38.17231
412033.28	3777836.13	40.59268	412053.28	3777836.13	42.55791
412073.28	3777836.13	44.15289	412093.28	3777836.13	45.38070
412113.28	3777836.13	46.52329	412133.28	3777836.13	47.31902
412153.28	3777836.13	47.67943	412173.28	3777836.13	47.89925
412193.28	3777836.13	47.76987	412213.28	3777836.13	47.13696
412233.28	3777836.13	45.20908	412273.28	3777836.13	38.39335
412293.28	3777836.13	33.39780	412313.28	3777836.13	29.09392
412333.28	3777836.13	25.54593	412353.28	3777836.13	22.59253
412373.28	3777836.13	20.11816	412393.28	3777836.13	18.02413
412413.28	3777836.13	16.24210	412433.28	3777836.13	14.69927
412453.28	3777836.13	13.36142	412473.28	3777836.13	12.19554
411893.28	3777876.13	5.18557	411913.28	3777876.13	6.53820
411933.28	3777876.13	8.41146	411953.28	3777876.13	10.53102
411973.28	3777876.13	12.63785	411993.28	3777876.13	14.60606
412013.28	3777876.13	16.42522	412033.28	3777876.13	18.03928
412053.28	3777876.13	19.47270	412073.28	3777876.13	20.72675
412093.28	3777876.13	21.87135	412113.28	3777876.13	22.79612
412133.28	3777876.13	23.55982	412153.28	3777876.13	24.19110
412173.28	3777876.13	24.64752	412193.28	3777876.13	24.92692
412213.28	3777876.13	24.40448	412233.28	3777876.13	24.38846
412273.28	3777876.13	23.46657	412293.28	3777876.13	22.39686
412313.28	3777876.13	21.09501	412333.28	3777876.13	19.68628

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412353.28	3777876.13	18.27306	412373.28	3777876.13	16.90861
412393.28	3777876.13	15.63404	412413.28	3777876.13	14.46114
412433.28	3777876.13	13.38337	412453.28	3777876.13	12.40996
412473.28	3777876.13	11.52562	411913.28	3777896.13	4.88850
411933.28	3777896.13	6.03078	411953.28	3777896.13	7.39592
411973.28	3777896.13	8.85057	411993.28	3777896.13	10.30820
412013.28	3777896.13	11.71585	412033.28	3777896.13	13.00409
412053.28	3777896.13	14.19744	412073.28	3777896.13	15.28778
412093.28	3777896.13	16.27851	412113.28	3777896.13	17.13070
412133.28	3777896.13	17.86462	412153.28	3777896.13	18.46420
412173.28	3777896.13	18.94918	412193.28	3777896.13	18.47036
412213.28	3777896.13	18.81537	412233.28	3777896.13	18.99461
412273.28	3777896.13	18.80564	412293.28	3777896.13	18.32072
412313.28	3777896.13	17.66721	412333.28	3777896.13	16.88115
412353.28	3777896.13	15.99979	412373.28	3777896.13	15.09343
412393.28	3777896.13	14.18159	412413.28	3777896.13	13.30025
412433.28	3777896.13	12.46288	412453.28	3777896.13	11.67322
412473.28	3777896.13	10.93465	411913.28	3777916.13	3.84441
411933.28	3777916.13	4.59398	411953.28	3777916.13	5.50260
411973.28	3777916.13	6.52960	411993.28	3777916.13	7.60256
412013.28	3777916.13	8.67093	412033.28	3777916.13	9.70601
412053.28	3777916.13	10.68763	412073.28	3777916.13	11.59650
412093.28	3777916.13	12.44738	412113.28	3777916.13	13.20771
412133.28	3777916.13	13.86834	412153.28	3777916.13	14.46075
412173.28	3777916.13	14.95523	412193.28	3777916.13	14.48524
412213.28	3777916.13	14.83851	412233.28	3777916.13	15.08826

412273.28 3777916.13 15.28142 412293.28 3777916.13 15.11199
412313.28 3777916.13 14.82573 412333.28 3777916.13 14.40960
412353.28 3777916.13 13.88394 412373.28 3777916.13 13.31121
412393.28 3777916.13 12.69878 412413.28 3777916.13 12.06888
412433.28 3777916.13 11.44346 412453.28 3777916.13 10.83244
412473.28 3777916.13 10.24093 411913.28 3777956.13 2.61289
411933.28 3777956.13 2.99294 411953.28 3777956.13 3.45534
411973.28 3777956.13 3.99165 411993.28 3777956.13 4.59068
412013.28 3777956.13 5.22344 412033.28 3777956.13 5.87061
412053.28 3777956.13 6.52100 412073.28 3777956.13 7.15359
412093.28 3777956.13 7.76102 412113.28 3777956.13 8.33578
412133.28 3777956.13 8.86279 412153.28 3777956.13 9.35215
412173.28 3777956.13 9.78724 412193.28 3777956.13 9.31944
412213.28 3777956.13 9.68792 412233.28 3777956.13 9.97046
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412273.28	3777956.13	10.38716	412293.28	3777956.13	10.47079
412313.28	3777956.13	10.48532	412333.28	3777956.13	10.44201
412353.28	3777956.13	10.31773	412373.28	3777956.13	10.14965
412393.28	3777956.13	9.92222	412413.28	3777956.13	9.64996
412433.28	3777956.13	9.35494	412453.28	3777956.13	9.03904
412473.28	3777956.13	8.70811	411913.28	3777976.13	2.21177
411933.28	3777976.13	2.49977	411953.28	3777976.13	2.84826
411973.28	3777976.13	3.25374	411993.28	3777976.13	3.70837
412013.28	3777976.13	4.20214	412033.28	3777976.13	4.71551
412053.28	3777976.13	5.24327	412073.28	3777976.13	5.76882
412093.28	3777976.13	6.28087	412113.28	3777976.13	6.77361
412133.28	3777976.13	7.23844	412153.28	3777976.13	7.67493
412173.28	3777976.13	8.07104	412193.28	3777976.13	7.60981
412213.28	3777976.13	7.93731	412233.28	3777976.13	8.21318
412273.28	3777976.13	8.67335	412293.28	3777976.13	8.78911
412313.28	3777976.13	8.87532	412333.28	3777976.13	8.92131
412353.28	3777976.13	8.89608	412373.28	3777976.13	8.83349
412393.28	3777976.13	8.71407	412413.28	3777976.13	8.56028
412433.28	3777976.13	8.37266	412453.28	3777976.13	8.16154
412473.28	3777976.13	7.92755	412265.32	3777635.30	16.15742
412285.32	3777635.30	14.51844	412305.32	3777635.30	13.10203
412325.32	3777635.30	11.82809	412345.32	3777635.30	10.71437
412365.32	3777635.30	9.75033	412385.32	3777635.30	8.90965
412405.32	3777635.30	8.17083	412425.32	3777635.30	7.52078
412445.32	3777635.30	6.25103	412465.32	3777635.30	5.80629
412485.32	3777635.30	5.41746	412265.32	3777655.30	23.46223
412285.32	3777655.30	19.87191	412305.32	3777655.30	17.02473
412325.32	3777655.30	14.81664	412345.32	3777655.30	13.05827
412365.32	3777655.30	11.63333	412385.32	3777655.30	9.56630
412405.32	3777655.30	8.69493	412425.32	3777655.30	7.94439
412445.32	3777655.30	7.29994	412465.32	3777655.30	6.72779
412485.32	3777655.30	6.22688	412265.32	3777675.30	35.72835
412285.32	3777675.30	27.04127	412265.32	3777695.30	48.43754
412285.32	3777695.30	34.45691	412305.32	3777695.30	26.74099
412325.32	3777695.30	21.86173	412345.32	3777695.30	17.93854
412365.32	3777695.30	15.43070	412385.32	3777695.30	13.48706
412405.32	3777695.30	11.99459	412425.32	3777695.30	10.68446
412445.32	3777695.30	9.61025	412465.32	3777695.30	8.72144
412485.32	3777695.30	7.96040	412265.32	3777715.30	57.34104
412285.32	3777715.30	40.75855	412305.32	3777715.30	31.14918

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412325.32	3777715.30	25.07288	412345.32	3777715.30	20.98291
412365.32	3777715.30	17.86293	412385.32	3777715.30	15.45791
412405.32	3777715.30	13.58226	412425.32	3777715.30	12.03627
412445.32	3777715.30	10.77892	412465.32	3777715.30	9.71430
412485.32	3777715.30	8.81341	412265.32	3777735.30	62.73267
412285.32	3777735.30	44.99048	412305.32	3777735.30	35.27460
412325.32	3777735.30	28.55432	412345.32	3777735.30	23.63407
412365.32	3777735.30	20.00960	412385.32	3777735.30	17.21641
412405.32	3777735.30	15.05117	412425.32	3777735.30	13.28032
412445.32	3777735.30	11.83785	412465.32	3777735.30	10.63745
412485.32	3777735.30	9.62992	412265.32	3777755.30	65.48357
412285.32	3777755.30	48.38524	412305.32	3777755.30	37.99925
412325.32	3777755.30	30.82657	412345.32	3777755.30	25.57090
412365.32	3777755.30	21.66231	412385.32	3777755.30	18.64476
412405.32	3777755.30	16.26884	412425.32	3777755.30	14.35314
412445.32	3777755.30	12.77792	412465.32	3777755.30	11.46547
412485.32	3777755.30	10.35807	412265.32	3777775.30	65.30134
412285.32	3777775.30	49.29479	412305.32	3777775.30	39.02714
412325.32	3777775.30	31.87272	412465.32	3777775.30	12.09887
412485.32	3777775.30	10.93828	412265.32	3777795.30	61.75021
412285.32	3777795.30	47.59611	412305.32	3777795.30	38.12585
412325.32	3777795.30	31.51254	412345.32	3777795.30	26.61965
412365.32	3777795.30	22.86161	412385.32	3777795.30	19.89140
412405.32	3777795.30	17.49823	412425.32	3777795.30	15.53633
412445.32	3777795.30	13.90142	412465.32	3777795.30	12.52190
412485.32	3777795.30	11.34764	412265.32	3777815.30	52.52763
412285.32	3777815.30	42.63487	412305.32	3777815.30	35.21747
412325.32	3777815.30	29.78539	412345.32	3777815.30	25.61843
412365.32	3777815.30	22.32458	412385.32	3777815.30	19.64415
412405.32	3777815.30	17.44195	412425.32	3777815.30	15.60671
412445.32	3777815.30	14.05162	412465.32	3777815.30	12.72343
412485.32	3777815.30	11.58403	412261.97	3777984.79	7.95472
412281.97	3777984.79	8.08802	412301.97	3777984.79	8.21406
412321.97	3777984.79	8.27770	412341.97	3777984.79	8.33657
412361.97	3777984.79	8.33341	412261.97	3778004.79	6.65968
412281.97	3778004.79	6.77772	412301.97	3778004.79	6.90656
412321.97	3778004.79	7.03353	412341.97	3778004.79	7.15612
412361.97	3778004.79	7.20449	412261.97	3778024.79	5.60846
412281.97	3778024.79	5.72409	412301.97	3778024.79	5.84082
412321.97	3778024.79	6.00639	412341.97	3778024.79	6.14030

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412361.97	3778024.79	6.23592	412261.97	3778044.79	4.74335
412281.97	3778044.79	4.89106	412301.97	3778044.79	5.01702
412321.97	3778044.79	5.16070	412341.97	3778044.79	5.29190
412361.97	3778044.79	5.40380			

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,

HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
411893.28	3777816.13	5.03999	411913.28	3777816.13	5.55349
411933.28	3777816.13	6.14470	411953.28	3777816.13	6.83654
411973.28	3777816.13	7.65357	411993.28	3777816.13	8.61762
412013.28	3777816.13	9.73058	412033.28	3777816.13	10.93207
412053.28	3777816.13	12.04206	412073.28	3777816.13	12.88585
412093.28	3777816.13	13.50841	412113.28	3777816.13	14.14331
412133.28	3777816.13	15.03603	412153.28	3777816.13	16.46255
412173.28	3777816.13	18.85175	412193.28	3777816.13	23.10729
412213.28	3777816.13	31.70053	412233.28	3777816.13	54.05764
412273.28	3777816.13	61.94498	412293.28	3777816.13	34.38829
412313.28	3777816.13	23.79061	412333.28	3777816.13	18.10973
412353.28	3777816.13	14.53251	412373.28	3777816.13	12.09490
412393.28	3777816.13	10.28264	412413.28	3777816.13	8.91152
412433.28	3777816.13	7.78811	412453.28	3777816.13	6.90774
412473.28	3777816.13	6.17377	411893.28	3777836.13	5.10010
411913.28	3777836.13	5.58236	411933.28	3777836.13	6.11787
411953.28	3777836.13	6.71989	411973.28	3777836.13	7.39732
411993.28	3777836.13	8.15234	412013.28	3777836.13	8.97215
412033.28	3777836.13	9.82238	412053.28	3777836.13	10.64237
412073.28	3777836.13	11.40050	412093.28	3777836.13	12.14326
412113.28	3777836.13	12.98972	412133.28	3777836.13	14.09445
412153.28	3777836.13	15.69459	412173.28	3777836.13	18.21799
412193.28	3777836.13	22.56998	412213.28	3777836.13	31.21457
412233.28	3777836.13	53.45895	412273.28	3777836.13	62.03868
412293.28	3777836.13	34.37395	412313.28	3777836.13	23.76955
412333.28	3777836.13	18.11521	412353.28	3777836.13	14.55035
412373.28	3777836.13	12.12820	412393.28	3777836.13	10.32515
412413.28	3777836.13	8.94957	412433.28	3777836.13	7.83573
412453.28	3777836.13	6.93982	412473.28	3777836.13	6.19109
411893.28	3777876.13	5.37755	411913.28	3777876.13	5.83765
411933.28	3777876.13	6.32152	411953.28	3777876.13	6.83161
411973.28	3777876.13	7.36832	411993.28	3777876.13	7.92979
412013.28	3777876.13	8.51328	412033.28	3777876.13	9.11657
412053.28	3777876.13	9.74480	412073.28	3777876.13	10.41694
412093.28	3777876.13	11.17878	412113.28	3777876.13	12.10062
412133.28	3777876.13	13.30710	412153.28	3777876.13	15.00928
412173.28	3777876.13	17.60554	412193.28	3777876.13	21.97801
412213.28	3777876.13	30.51797	412233.28	3777876.13	52.18373
412273.28	3777876.13	46.92554	412293.28	3777876.13	34.61515
412313.28	3777876.13	23.83097	412333.28	3777876.13	18.12815

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412353.28	3777876.13	14.55283	412373.28	3777876.13	12.08751
412393.28	3777876.13	10.30216	412413.28	3777876.13	8.92292
412433.28	3777876.13	7.82664	412453.28	3777876.13	6.94979
412473.28	3777876.13	6.23568	411913.28	3777896.13	6.11057
411933.28	3777896.13	6.60065	411953.28	3777896.13	7.10310
411973.28	3777896.13	7.61754	411993.28	3777896.13	8.14331
412013.28	3777896.13	8.68302	412033.28	3777896.13	9.24131
412053.28	3777896.13	9.83130	412073.28	3777896.13	10.47676
412093.28	3777896.13	11.22098	412113.28	3777896.13	12.13337
412133.28	3777896.13	13.33150	412153.28	3777896.13	15.01935
412173.28	3777896.13	17.58935	412193.28	3777896.13	21.90470
412213.28	3777896.13	30.30266	412233.28	3777896.13	51.41984
412273.28	3777896.13	48.14419	412293.28	3777896.13	34.85594
412313.28	3777896.13	23.90050	412333.28	3777896.13	18.13454

412353.28	3777896.13	14.53900	412373.28	3777896.13	12.06749
412393.28	3777896.13	10.26144	412413.28	3777896.13	8.88293
412433.28	3777896.13	7.79713	412453.28	3777896.13	6.92319
412473.28	3777896.13	6.20053	411913.28	3777916.13	6.52677
411933.28	3777916.13	7.04843	411953.28	3777916.13	7.56832
411973.28	3777916.13	8.08423	411993.28	3777916.13	8.59965
412013.28	3777916.13	9.11988	412033.28	3777916.13	9.65476
412053.28	3777916.13	10.22008	412073.28	3777916.13	10.84174
412093.28	3777916.13	11.56336	412113.28	3777916.13	12.45221
412133.28	3777916.13	13.62106	412153.28	3777916.13	15.27066
412173.28	3777916.13	17.78396	412193.28	3777916.13	22.00948
412213.28	3777916.13	30.22309	412233.28	3777916.13	50.75302
412273.28	3777916.13	65.50168	412293.28	3777916.13	35.16462
412313.28	3777916.13	23.98118	412333.28	3777916.13	18.13356
412353.28	3777916.13	14.49988	412373.28	3777916.13	12.01675
412393.28	3777916.13	10.20462	412413.28	3777916.13	8.82524
412433.28	3777916.13	7.74311	412453.28	3777916.13	6.87192
412473.28	3777916.13	6.15402	411913.28	3777956.13	8.08612
411933.28	3777956.13	8.78661	411953.28	3777956.13	9.43132
411973.28	3777956.13	10.02554	411993.28	3777956.13	10.57916
412013.28	3777956.13	11.11010	412033.28	3777956.13	11.63515
412053.28	3777956.13	12.17354	412073.28	3777956.13	12.75501
412093.28	3777956.13	13.41983	412113.28	3777956.13	14.23116
412133.28	3777956.13	15.29460	412153.28	3777956.13	16.79568
412173.28	3777956.13	19.10135	412193.28	3777956.13	23.02133
412213.28	3777956.13	30.71911	412233.28	3777956.13	50.07431

*** AERMOD - VERSION 23132 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
 INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
 HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
 HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
 HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412273.28	3777956.13	49.63830	412293.28	3777956.13	35.90373
412313.28	3777956.13	24.19452	412333.28	3777956.13	18.13083
412353.28	3777956.13	14.40375	412373.28	3777956.13	11.87733
412393.28	3777956.13	10.04876	412413.28	3777956.13	8.66971
412433.28	3777956.13	7.59882	412453.28	3777956.13	6.74115
412473.28	3777956.13	6.03891	411913.28	3777976.13	9.57625
411933.28	3777976.13	10.46567	411953.28	3777976.13	11.23464
411973.28	3777976.13	11.90752	411993.28	3777976.13	12.51037
412013.28	3777976.13	13.06548	412033.28	3777976.13	13.60025
412053.28	3777976.13	14.13253	412073.28	3777976.13	14.69453
412093.28	3777976.13	15.32655	412113.28	3777976.13	16.08637
412133.28	3777976.13	17.07287	412153.28	3777976.13	18.46009
412173.28	3777976.13	20.60261	412193.28	3777976.13	24.28371
412213.28	3777976.13	31.61822	412233.28	3777976.13	50.26098
412273.28	3777976.13	49.94646	412293.28	3777976.13	36.27090
412313.28	3777976.13	24.26529	412333.28	3777976.13	18.09171
412353.28	3777976.13	14.32238	412373.28	3777976.13	11.77901
412393.28	3777976.13	9.95003	412413.28	3777976.13	8.57269
412433.28	3777976.13	7.50473	412453.28	3777976.13	6.65406
412473.28	3777976.13	5.96886	412265.32	3777635.30	30.50941
412285.32	3777635.30	21.36236	412305.32	3777635.30	15.74641
412325.32	3777635.30	12.25974	412345.32	3777635.30	9.94961
412365.32	3777635.30	8.32087	412385.32	3777635.30	7.11343
412405.32	3777635.30	6.18301	412425.32	3777635.30	5.44542
412445.32	3777635.30	4.84694	412465.32	3777635.30	4.35241
412485.32	3777635.30	3.93821	412265.32	3777655.30	57.83225
412285.32	3777655.30	30.05487	412305.32	3777655.30	19.70139
412325.32	3777655.30	14.51045	412345.32	3777655.30	11.40405
412365.32	3777655.30	9.33819	412385.32	3777655.30	7.86442
412405.32	3777655.30	6.76071	412425.32	3777655.30	5.90301
412445.32	3777655.30	5.21846	412465.32	3777655.30	4.65892
412485.32	3777655.30	4.19420	412265.32	3777675.30	41.23699
412285.32	3777675.30	37.90346	412265.32	3777695.30	42.39707

412285.32	3777695.30	41.27349	412305.32	3777695.30	25.63972
412325.32	3777695.30	18.16943	412345.32	3777695.30	13.91743
412365.32	3777695.30	11.16402	412385.32	3777695.30	9.24746
412405.32	3777695.30	7.83905	412425.32	3777695.30	6.76801
412445.32	3777695.30	5.92309	412465.32	3777695.30	5.24314
412485.32	3777695.30	4.69181	412265.32	3777715.30	41.77015
412285.32	3777715.30	42.09319	412305.32	3777715.30	26.71747

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 ,... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412325.32	3777715.30	19.14768	412345.32	3777715.30	14.72189
412365.32	3777715.30	11.81736	412385.32	3777715.30	9.78074
412405.32	3777715.30	8.27864	412425.32	3777715.30	7.15242
412445.32	3777715.30	6.24744	412465.32	3777715.30	5.52917
412485.32	3777715.30	4.94116	412265.32	3777735.30	42.13414
412285.32	3777735.30	42.16150	412305.32	3777735.30	27.11453
412325.32	3777735.30	19.64247	412345.32	3777735.30	15.22298
412365.32	3777735.30	12.27607	412385.32	3777735.30	10.24534
412405.32	3777735.30	8.66753	412425.32	3777735.30	7.51148
412445.32	3777735.30	6.59445	412465.32	3777735.30	5.84718
412485.32	3777735.30	5.19625	412265.32	3777755.30	57.41343
412285.32	3777755.30	42.05754	412305.32	3777755.30	27.21045
412325.32	3777755.30	19.88210	412345.32	3777755.30	15.51110
412365.32	3777755.30	12.60144	412385.32	3777755.30	10.56019
412405.32	3777755.30	9.00631	412425.32	3777755.30	7.75802
412445.32	3777755.30	6.79651	412465.32	3777755.30	6.00192
412485.32	3777755.30	5.32715	412265.32	3777775.30	41.45445
412285.32	3777775.30	41.93820	412305.32	3777775.30	27.20027
412325.32	3777775.30	19.97226	412465.32	3777775.30	6.15947
412485.32	3777775.30	5.51693	412265.32	3777795.30	39.89183
412285.32	3777795.30	41.84221	412305.32	3777795.30	27.15559
412325.32	3777795.30	20.00252	412345.32	3777795.30	15.76447
412365.32	3777795.30	12.87948	412385.32	3777795.30	10.81272
412405.32	3777795.30	9.26534	412425.32	3777795.30	8.06022
412445.32	3777795.30	7.10720	412465.32	3777795.30	6.29907
412485.32	3777795.30	5.64945	412265.32	3777815.30	39.31471
412285.32	3777815.30	41.78449	412305.32	3777815.30	27.12609
412325.32	3777815.30	20.03316	412345.32	3777815.30	15.79378
412365.32	3777815.30	12.99093	412385.32	3777815.30	10.92510
412405.32	3777815.30	9.40136	412425.32	3777815.30	8.20368
412445.32	3777815.30	7.23258	412465.32	3777815.30	6.43858
412485.32	3777815.30	5.79480	412261.97	3777984.79	42.11271
412281.97	3777984.79	50.31129	412301.97	3777984.79	29.95197
412321.97	3777984.79	21.15066	412341.97	3777984.79	16.20706
412361.97	3777984.79	13.04940	412261.97	3778004.79	43.53050
412281.97	3778004.79	50.83446	412301.97	3778004.79	30.03557
412321.97	3778004.79	21.03906	412341.97	3778004.79	16.04081
412361.97	3778004.79	12.87807	412261.97	3778024.79	46.89946
412281.97	3778024.79	51.24655	412301.97	3778024.79	29.83414
412321.97	3778024.79	20.72312	412341.97	3778024.79	15.73287

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 ,... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF CONST  IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)   CONC           X-COORD (M)  Y-COORD (M)   CONC
-----
412361.97  3778024.79   12.60496       412261.97  3778044.79   36.19322
412281.97  3778044.79   50.73211       412301.97  3778044.79   28.87994
412321.97  3778044.79   19.96949       412341.97  3778044.79   15.17112
412361.97  3778044.79   12.17660
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32
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*** MODELOPTs:  RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  CONSTRUCTION,HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,
HAUL0005 ,HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,
HAUL0013 ,HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,
HAUL0021 ,HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST  IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)   CONC           X-COORD (M)  Y-COORD (M)   CONC
-----
411893.28  3777816.13   20.92301       411913.28  3777816.13   36.96973
411933.28  3777816.13   49.52112       411953.28  3777816.13   58.24092
411973.28  3777816.13   64.92857       411993.28  3777816.13   70.42662
412013.28  3777816.13   75.22108       412033.28  3777816.13   79.47166
412053.28  3777816.13   83.26276       412073.28  3777816.13   86.42115
412093.28  3777816.13   89.19884       412113.28  3777816.13   91.66765
412133.28  3777816.13   93.56297       412153.28  3777816.13   95.77546
412173.28  3777816.13   98.43001       412193.28  3777816.13   102.42481
412213.28  3777816.13   109.87205      412233.28  3777816.13   129.30309
412273.28  3777816.13   110.39369      412293.28  3777816.13   73.56615
412313.28  3777816.13   56.52826       412333.28  3777816.13   46.03132
412353.28  3777816.13   38.69740       412373.28  3777816.13   33.25691
412393.28  3777816.13   28.98396       412413.28  3777816.13   25.58253
412433.28  3777816.13   22.73927       412453.28  3777816.13   20.40700
412473.28  3777816.13   18.42780       411893.28  3777836.13   15.36905
411913.28  3777836.13   21.60775       411933.28  3777836.13   28.55575
411953.28  3777836.13   34.45633       411973.28  3777836.13   39.31187
411993.28  3777836.13   43.51238       412013.28  3777836.13   47.14446
412033.28  3777836.13   50.41506       412053.28  3777836.13   53.20028
412073.28  3777836.13   55.55339       412093.28  3777836.13   57.52396
412113.28  3777836.13   59.51301       412133.28  3777836.13   61.41346
412153.28  3777836.13   63.37402       412173.28  3777836.13   66.11724
412193.28  3777836.13   70.33984       412213.28  3777836.13   78.35153
412233.28  3777836.13   98.66803       412273.28  3777836.13   100.43203
412293.28  3777836.13   67.77175       412313.28  3777836.13   52.86347
412333.28  3777836.13   43.66113       412353.28  3777836.13   37.14288
412373.28  3777836.13   32.24636       412393.28  3777836.13   28.34928
412413.28  3777836.13   25.19167       412433.28  3777836.13   22.53501
412453.28  3777836.13   20.30124       412473.28  3777836.13   18.38663
411893.28  3777876.13   10.56312       411913.28  3777876.13   12.37584
411933.28  3777876.13   14.73298       411953.28  3777876.13   17.36263
411973.28  3777876.13   20.00617       411993.28  3777876.13   22.53585
412013.28  3777876.13   24.93849       412033.28  3777876.13   27.15585
412053.28  3777876.13   29.21750       412073.28  3777876.13   31.14369
412093.28  3777876.13   33.05013       412113.28  3777876.13   34.89674
412133.28  3777876.13   36.86691       412153.28  3777876.13   39.20038
412173.28  3777876.13   42.25307       412193.28  3777876.13   46.90493
412213.28  3777876.13   54.92245       412233.28  3777876.13   76.57219
412273.28  3777876.13   70.39211       412293.28  3777876.13   57.01201
412313.28  3777876.13   44.92598       412333.28  3777876.13   37.81443
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32
                                     PAGE 89
*** MODELOPTs:  RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):  CONSTRUCTION,HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,
HAUL0005 ,HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,
HAUL0013 ,HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,
HAUL0021 ,HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 , ... ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412353.28	3777876.13	32.82589	412373.28	3777876.13	28.99613
412393.28	3777876.13	25.93620	412413.28	3777876.13	23.38406
412433.28	3777876.13	21.21001	412453.28	3777876.13	19.35975
412473.28	3777876.13	17.76130	411913.28	3777896.13	10.99907
411933.28	3777896.13	12.63143	411953.28	3777896.13	14.49902
411973.28	3777896.13	16.46811	411993.28	3777896.13	18.45151
412013.28	3777896.13	20.39887	412033.28	3777896.13	22.24540
412053.28	3777896.13	24.02875	412073.28	3777896.13	25.76454
412093.28	3777896.13	27.49949	412113.28	3777896.13	29.26407
412133.28	3777896.13	31.19613	412153.28	3777896.13	33.48355
412173.28	3777896.13	36.53853	412193.28	3777896.13	40.37506
412213.28	3777896.13	49.11803	412233.28	3777896.13	70.41445
412273.28	3777896.13	66.94984	412293.28	3777896.13	53.17665
412313.28	3777896.13	41.56771	412333.28	3777896.13	35.01568
412353.28	3777896.13	30.53879	412373.28	3777896.13	27.16092
412393.28	3777896.13	24.44302	412413.28	3777896.13	22.18318
412433.28	3777896.13	20.26001	412453.28	3777896.13	18.59641
412473.28	3777896.13	17.13517	411913.28	3777916.13	10.37117
411933.28	3777916.13	11.64241	411953.28	3777916.13	13.07092
411973.28	3777916.13	14.61383	411993.28	3777916.13	16.20221
412013.28	3777916.13	17.79080	412033.28	3777916.13	19.36077
412053.28	3777916.13	20.90772	412073.28	3777916.13	22.43824
412093.28	3777916.13	24.01074	412113.28	3777916.13	25.65992
412133.28	3777916.13	27.48940	412153.28	3777916.13	29.73140
412173.28	3777916.13	32.73919	412193.28	3777916.13	36.49472
412213.28	3777916.13	45.06160	412233.28	3777916.13	65.84127
412273.28	3777916.13	80.78310	412293.28	3777916.13	50.27661
412313.28	3777916.13	38.80691	412333.28	3777916.13	32.54316
412353.28	3777916.13	28.38382	412373.28	3777916.13	25.32796
412393.28	3777916.13	22.90341	412413.28	3777916.13	20.89412
412433.28	3777916.13	19.18657	412453.28	3777916.13	17.70436
412473.28	3777916.13	16.39495	411913.28	3777956.13	10.69901
411933.28	3777956.13	11.77955	411953.28	3777956.13	12.88665
411973.28	3777956.13	14.01719	411993.28	3777956.13	15.16984
412013.28	3777956.13	16.33355	412033.28	3777956.13	17.50576
412053.28	3777956.13	18.69453	412073.28	3777956.13	19.90860
412093.28	3777956.13	21.18085	412113.28	3777956.13	22.56694
412133.28	3777956.13	24.15739	412153.28	3777956.13	26.14783
412173.28	3777956.13	28.88859	412193.28	3777956.13	32.34077
412213.28	3777956.13	40.40703	412233.28	3777956.13	60.04477

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): CONSTRUCTION,HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,
 HAUL0005 ,HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,
 HAUL0013 ,HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,
 HAUL0021 ,HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412273.28	3777956.13	60.02546	412293.28	3777956.13	46.37452
412313.28	3777956.13	34.67984	412333.28	3777956.13	28.57285
412353.28	3777956.13	24.72148	412373.28	3777956.13	22.02698
412393.28	3777956.13	19.97098	412413.28	3777956.13	18.31967
412433.28	3777956.13	16.95376	412453.28	3777956.13	15.78019
412473.28	3777956.13	14.74702	411913.28	3777976.13	11.78802
411933.28	3777976.13	12.96545	411953.28	3777976.13	14.08290
411973.28	3777976.13	15.16126	411993.28	3777976.13	16.21875
412013.28	3777976.13	17.26762	412033.28	3777976.13	18.31576
412053.28	3777976.13	19.37580	412073.28	3777976.13	20.46335
412093.28	3777976.13	21.60742	412113.28	3777976.13	22.85998
412133.28	3777976.13	24.31131	412153.28	3777976.13	26.13502

412173.28	3777976.13	28.67365	412193.28	3777976.13	31.89352
412213.28	3777976.13	39.55553	412233.28	3777976.13	58.47416
412273.28	3777976.13	58.61981	412293.28	3777976.13	45.06001
412313.28	3777976.13	33.14061	412333.28	3777976.13	27.01303
412353.28	3777976.13	23.21846	412373.28	3777976.13	20.61251
412393.28	3777976.13	18.66411	412413.28	3777976.13	17.13297
412433.28	3777976.13	15.87739	412453.28	3777976.13	14.81560
412473.28	3777976.13	13.89641	412265.32	3777635.30	46.66683
412285.32	3777635.30	35.88080	412305.32	3777635.30	28.84844
412325.32	3777635.30	24.08783	412345.32	3777635.30	20.66398
412365.32	3777635.30	18.07120	412385.32	3777635.30	16.02308
412405.32	3777635.30	14.35384	412425.32	3777635.30	12.96620
412445.32	3777635.30	11.09797	412465.32	3777635.30	10.15870
412485.32	3777635.30	9.35567	412265.32	3777655.30	81.29448
412285.32	3777655.30	49.92678	412305.32	3777655.30	36.72612
412325.32	3777655.30	29.32709	412345.32	3777655.30	24.46232
412365.32	3777655.30	20.97152	412385.32	3777655.30	17.43072
412405.32	3777655.30	15.45564	412425.32	3777655.30	13.84740
412445.32	3777655.30	12.51840	412465.32	3777655.30	11.38671
412485.32	3777655.30	10.42108	412265.32	3777675.30	76.96534
412285.32	3777675.30	64.94472	412265.32	3777695.30	90.83460
412285.32	3777695.30	75.73040	412305.32	3777695.30	52.38071
412325.32	3777695.30	40.03116	412345.32	3777695.30	31.85597
412365.32	3777695.30	26.59472	412385.32	3777695.30	22.73452
412405.32	3777695.30	19.83364	412425.32	3777695.30	17.45247
412445.32	3777695.30	15.53334	412465.32	3777695.30	13.96458
412485.32	3777695.30	12.65222	412265.32	3777715.30	99.11119
412285.32	3777715.30	82.85173	412305.32	3777715.30	57.86665

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
 *** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32
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 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): CONSTRUCTION,HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,
 HAUL0005 ,HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,
 HAUL0013 ,HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,
 HAUL0021 ,HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

412325.32	3777715.30	44.22056	412345.32	3777715.30	35.70480
412365.32	3777715.30	29.68029	412385.32	3777715.30	25.23865
412405.32	3777715.30	21.86090	412425.32	3777715.30	19.18869
412445.32	3777715.30	17.02636	412465.32	3777715.30	15.24348
412485.32	3777715.30	13.75457	412265.32	3777735.30	104.86681
412285.32	3777735.30	87.15198	412305.32	3777735.30	62.38913
412325.32	3777735.30	48.19679	412345.32	3777735.30	38.85705
412365.32	3777735.30	32.28567	412385.32	3777735.30	27.46175
412405.32	3777735.30	23.71870	412425.32	3777735.30	20.79181
412445.32	3777735.30	18.43230	412465.32	3777735.30	16.48463
412485.32	3777735.30	14.82617	412265.32	3777755.30	122.89700
412285.32	3777755.30	90.44278	412305.32	3777755.30	65.20971
412325.32	3777755.30	50.70867	412345.32	3777755.30	41.08200
412365.32	3777755.30	34.26375	412385.32	3777755.30	29.20495
412405.32	3777755.30	25.27515	412425.32	3777755.30	22.11116
412445.32	3777755.30	19.57443	412465.32	3777755.30	17.46740
412485.32	3777755.30	15.68522	412265.32	3777775.30	106.75578
412285.32	3777775.30	91.23299	412305.32	3777775.30	66.22742
412325.32	3777775.30	51.84498	412465.32	3777775.30	18.25835
412485.32	3777775.30	16.45521	412265.32	3777795.30	101.64203
412285.32	3777795.30	89.43831	412305.32	3777795.30	65.28143
412325.32	3777795.30	51.51506	412345.32	3777795.30	42.38412
412365.32	3777795.30	35.74109	412385.32	3777795.30	30.70412
412405.32	3777795.30	26.76357	412425.32	3777795.30	23.59655
412445.32	3777795.30	21.00861	412465.32	3777795.30	18.82097
412485.32	3777795.30	16.99709	412265.32	3777815.30	91.84234
412285.32	3777815.30	84.41937	412305.32	3777815.30	62.34356
412325.32	3777815.30	49.81855	412345.32	3777815.30	41.41221
412365.32	3777815.30	35.31551	412385.32	3777815.30	30.56925
412405.32	3777815.30	26.84331	412425.32	3777815.30	23.81039
412445.32	3777815.30	21.28420	412465.32	3777815.30	19.16201

412485.32	3777815.30	17.37883	412261.97	3777984.79	50.06743
412281.97	3777984.79	58.39931	412301.97	3777984.79	38.16602
412321.97	3777984.79	29.42836	412341.97	3777984.79	24.54362
412361.97	3777984.79	21.38282	412261.97	3778004.79	50.19018
412281.97	3778004.79	57.61218	412301.97	3778004.79	36.94212
412321.97	3778004.79	28.07259	412341.97	3778004.79	23.19693
412361.97	3778004.79	20.08257	412261.97	3778024.79	52.50792
412281.97	3778024.79	56.97064	412301.97	3778024.79	35.67496
412321.97	3778024.79	26.72950	412341.97	3778024.79	21.87316

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTRUCTION, HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
412361.97	3778024.79	18.84088	412261.97	3778044.79	40.93658
412281.97	3778044.79	55.62318	412301.97	3778044.79	33.89697
412321.97	3778044.79	25.13019	412341.97	3778044.79	20.46302
412361.97	3778044.79	17.58039			

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
411893.28	3777816.13	727.68906 (16120908)	411913.28	3777816.13	742.87270 (16120908)
411933.28	3777816.13	747.69797 (16120908)	411953.28	3777816.13	741.95424 (16120908)
411973.28	3777816.13	735.21598 (16120908)	411993.28	3777816.13	731.37805 (15120908)
412013.28	3777816.13	730.28217 (15120908)	412033.28	3777816.13	727.97099 (15120908)
412053.28	3777816.13	725.97621 (15120908)	412073.28	3777816.13	720.62639 (15120908)
412093.28	3777816.13	713.01625 (15120908)	412113.28	3777816.13	697.08979 (15120908)
412133.28	3777816.13	694.67839 (12071219)	412153.28	3777816.13	710.82374 (12071219)
412173.28	3777816.13	723.92193 (12071219)	412193.28	3777816.13	735.05894 (12071219)
412213.28	3777816.13	744.59701 (12071219)	412233.28	3777816.13	752.99052 (12071219)
412273.28	3777816.13	516.88657 (12071219)	412293.28	3777816.13	427.67122 (12071219)
412313.28	3777816.13	371.77750 (13111908)	412333.28	3777816.13	336.54529 (13111908)
412353.28	3777816.13	307.53590 (13111908)	412373.28	3777816.13	283.71699 (13111908)
412393.28	3777816.13	262.01922 (13111908)	412413.28	3777816.13	244.35873 (13111908)
412433.28	3777816.13	227.31144 (13111908)	412453.28	3777816.13	213.05587 (13111908)
412473.28	3777816.13	200.22373 (13111908)	411893.28	3777836.13	552.51438 (16120908)
411913.28	3777836.13	562.22806 (16120908)	411933.28	3777836.13	566.63825 (15120908)
411953.28	3777836.13	567.91493 (15120908)	411973.28	3777836.13	566.88409 (15120908)
411993.28	3777836.13	564.71201 (15120908)	412013.28	3777836.13	561.12475 (15120908)
412033.28	3777836.13	555.90371 (15120908)	412053.28	3777836.13	548.21682 (15120908)
412073.28	3777836.13	544.62444 (12120808)	412093.28	3777836.13	543.76010 (12120808)
412113.28	3777836.13	540.77610 (12120808)	412133.28	3777836.13	534.32259 (12120808)
412153.28	3777836.13	522.29128 (12120808)	412173.28	3777836.13	509.48114 (12092219)
412193.28	3777836.13	513.38100 (12071219)	412213.28	3777836.13	523.12302 (12071219)
412233.28	3777836.13	531.41398 (12071219)	412273.28	3777836.13	455.36120 (12071219)
412293.28	3777836.13	400.29003 (12071219)	412313.28	3777836.13	353.15795 (12071219)
412333.28	3777836.13	311.48056 (12071219)	412353.28	3777836.13	274.43629 (12071219)
412373.28	3777836.13	257.34967 (13111908)	412393.28	3777836.13	241.72861 (13111908)
412413.28	3777836.13	227.85840 (13111908)	412433.28	3777836.13	214.35041 (13111908)
412453.28	3777836.13	201.86792 (13111908)	412473.28	3777836.13	190.37929 (13111908)
411893.28	3777876.13	378.42896 (16120908)	411913.28	3777876.13	389.94497 (15120908)
411933.28	3777876.13	397.26948 (15120908)	411953.28	3777876.13	396.71527 (15120908)
411973.28	3777876.13	393.20867 (15120908)	411993.28	3777876.13	387.97449 (15120908)

412013.28 3777876.13 381.06642 (15120908) 412033.28 3777876.13 379.67656 (12120808)
412053.28 3777876.13 381.97637 (12120808) 412073.28 3777876.13 382.07668 (12120808)
412093.28 3777876.13 380.10801 (12120808) 412113.28 3777876.13 375.17210 (12120808)
412133.28 3777876.13 366.41468 (12120808) 412153.28 3777876.13 352.39636 (12120808)
412173.28 3777876.13 347.14136 (12092219) 412193.28 3777876.13 347.48171 (12092219)
412213.28 3777876.13 339.38835 (12092219) 412233.28 3777876.13 337.00668 (12071219)
412273.28 3777876.13 337.58576 (12071219) 412293.28 3777876.13 325.00814 (12071219)
412313.28 3777876.13 306.79729 (12071219) 412333.28 3777876.13 285.81108 (12071219)
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412353.28	3777876.13	263.52414 (12071219)	412373.28	3777876.13	241.79043 (12071219)
412393.28	3777876.13	222.38068 (12071219)	412413.28	3777876.13	203.90169 (12071219)
412433.28	3777876.13	186.15161 (12071219)	412453.28	3777876.13	170.35051 (12071219)
412473.28	3777876.13	163.25353 (13111908)	411913.28	3777896.13	343.34186 (15120908)
411933.28	3777896.13	348.51864 (15120908)	411953.28	3777896.13	347.22702 (15120908)
411973.28	3777896.13	342.83352 (15120908)	411993.28	3777896.13	336.52898 (15120908)
412013.28	3777896.13	329.20737 (12120808)	412033.28	3777896.13	334.63086 (12120808)
412053.28	3777896.13	337.08911 (12120808)	412073.28	3777896.13	337.02048 (12120808)
412093.28	3777896.13	334.43963 (12120808)	412113.28	3777896.13	328.77902 (12120808)
412133.28	3777896.13	319.27742 (12120808)	412153.28	3777896.13	304.81840 (12120808)
412173.28	3777896.13	300.60544 (12092219)	412193.28	3777896.13	300.95627 (12092219)
412213.28	3777896.13	295.00304 (12092219)	412233.28	3777896.13	281.66935 (12092219)
412273.28	3777896.13	289.37166 (12071219)	412293.28	3777896.13	286.46070 (12071219)
412313.28	3777896.13	278.00301 (12071219)	412333.28	3777896.13	265.36042 (12071219)
412353.28	3777896.13	251.11158 (12071219)	412373.28	3777896.13	234.38488 (12071219)
412393.28	3777896.13	218.50423 (12071219)	412413.28	3777896.13	203.35686 (12071219)
412433.28	3777896.13	188.52855 (12071219)	412453.28	3777896.13	174.09568 (12071219)
412473.28	3777896.13	160.42695 (12071219)	411913.28	3777916.13	307.24974 (15120908)
411933.28	3777916.13	310.37258 (15120908)	411953.28	3777916.13	308.26042 (15120908)
411973.28	3777916.13	303.07536 (15120908)	411993.28	3777916.13	295.84352 (15120908)
412013.28	3777916.13	294.00927 (12120808)	412033.28	3777916.13	299.73534 (12120808)
412053.28	3777916.13	302.30866 (12120808)	412073.28	3777916.13	302.05070 (12120808)
412093.28	3777916.13	299.04315 (12120808)	412113.28	3777916.13	292.88826 (12120808)
412133.28	3777916.13	283.01206 (12120808)	412153.28	3777916.13	268.91137 (12120808)
412173.28	3777916.13	264.31603 (12092219)	412193.28	3777916.13	265.08937 (12092219)
412213.28	3777916.13	261.40529 (12092219)	412233.28	3777916.13	252.51851 (12092219)
412273.28	3777916.13	248.28935 (12071219)	412293.28	3777916.13	250.07232 (12071219)
412313.28	3777916.13	247.37344 (12071219)	412333.28	3777916.13	241.29135 (12071219)
412353.28	3777916.13	233.45919 (12071219)	412373.28	3777916.13	222.65261 (12071219)
412393.28	3777916.13	210.59515 (12071219)	412413.28	3777916.13	198.64711 (12071219)
412433.28	3777916.13	186.60112 (12071219)	412453.28	3777916.13	174.35013 (12071219)
412473.28	3777916.13	162.10287 (12071219)	411913.28	3777956.13	252.84530 (15120908)
411933.28	3777956.13	252.66614 (15120908)	411953.28	3777956.13	248.87379 (15120908)
411973.28	3777956.13	242.41182 (15120908)	411993.28	3777956.13	233.94910 (15120908)
412013.28	3777956.13	242.23129 (12120808)	412033.28	3777956.13	247.78060 (12120808)
412053.28	3777956.13	250.29623 (12120808)	412073.28	3777956.13	249.86504 (12120808)
412093.28	3777956.13	246.52599 (12120808)	412113.28	3777956.13	240.19901 (12120808)
412133.28	3777956.13	230.72184 (12120808)	412153.28	3777956.13	218.92095 (12071220)
412173.28	3777956.13	212.81928 (13101122)	412193.28	3777956.13	212.14382 (12092219)
412213.28	3777956.13	210.69771 (12092219)	412233.28	3777956.13	207.05125 (12092219)

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
-------------	-------------	-----------------	-------------	-------------	-----------------

412273.28 3777956.13 190.10616 (12092219) 412293.28 3777956.13 189.26226 (12071219)
412313.28 3777956.13 193.14320 (12071219) 412333.28 3777956.13 194.50906 (12071219)
412353.28 3777956.13 194.15667 (12071219) 412373.28 3777956.13 191.14861 (12071219)
412393.28 3777956.13 186.83272 (12071219) 412413.28 3777956.13 181.68209 (12071219)
412433.28 3777956.13 174.79116 (12071219) 412453.28 3777956.13 166.87269 (12071219)
412473.28 3777956.13 158.56930 (12071219) 411913.28 3777976.13 231.13334 (15120908)
411933.28 3777976.13 229.71695 (15120908) 411953.28 3777976.13 225.21165 (15120908)
411973.28 3777976.13 218.29395 (15120908) 411993.28 3777976.13 214.15420 (12120808)
412013.28 3777976.13 222.35124 (12120808) 412033.28 3777976.13 227.58777 (12120808)
412053.28 3777976.13 229.94645 (12120808) 412073.28 3777976.13 229.47578 (12120808)
412093.28 3777976.13 226.17870 (12120808) 412113.28 3777976.13 220.05394 (12120808)
412133.28 3777976.13 211.07972 (12120808) 412153.28 3777976.13 200.05937 (12071220)
412173.28 3777976.13 193.50279 (12120420) 412193.28 3777976.13 191.75715 (12092219)
412213.28 3777976.13 191.36040 (12092219) 412233.28 3777976.13 189.43244 (12092219)
412273.28 3777976.13 176.87514 (12092219) 412293.28 3777976.13 168.68502 (12092219)
412313.28 3777976.13 169.22598 (12071219) 412333.28 3777976.13 172.31185 (12071219)
412353.28 3777976.13 173.99820 (12071219) 412373.28 3777976.13 173.54168 (12071219)
412393.28 3777976.13 172.02264 (12071219) 412413.28 3777976.13 168.88807 (12071219)
412433.28 3777976.13 164.73736 (12071219) 412453.28 3777976.13 159.38073 (12071219)
412473.28 3777976.13 154.05184 (12071219) 412265.32 3777635.30 389.14164 (16040818)
412285.32 3777635.30 345.60101 (16040818) 412305.32 3777635.30 304.97147 (16040818)
412325.32 3777635.30 268.81533 (16040818) 412345.32 3777635.30 237.86587 (12120208)
412365.32 3777635.30 220.01001 (12120208) 412385.32 3777635.30 203.79856 (12120208)
412405.32 3777635.30 189.14464 (12120208) 412425.32 3777635.30 175.92648 (12120208)
412445.32 3777635.30 163.95250 (12120208) 412465.32 3777635.30 153.17494 (12120208)
412485.32 3777635.30 143.43128 (12120208) 412265.32 3777655.30 453.89615 (16040818)
412285.32 3777655.30 380.84278 (16040818) 412305.32 3777655.30 323.34559 (16040818)
412325.32 3777655.30 288.65596 (12120208) 412345.32 3777655.30 261.07126 (12120208)
412365.32 3777655.30 237.40526 (12120208) 412385.32 3777655.30 216.85544 (12120208)
412405.32 3777655.30 199.02371 (12120208) 412425.32 3777655.30 183.40667 (12120208)
412445.32 3777655.30 169.64693 (12120208) 412465.32 3777655.30 157.44925 (12120208)
412485.32 3777655.30 146.58262 (12120208) 412265.32 3777675.30 521.75631 (16040818)
412285.32 3777675.30 419.50029 (12120208) 412265.32 3777695.30 587.67838 (12120208)
412285.32 3777695.30 464.61441 (12120208) 412305.32 3777695.30 387.49539 (12120208)
412325.32 3777695.30 332.59907 (12120208) 412345.32 3777695.30 290.31586 (12120208)
412365.32 3777695.30 256.97850 (12120208) 412385.32 3777695.30 229.85117 (12120208)
412405.32 3777695.30 207.44717 (12120208) 412425.32 3777695.30 188.65450 (12120208)
412445.32 3777695.30 173.98333 (12120208) 412465.32 3777695.30 160.03224 (12120208)
412485.32 3777695.30 147.92439 (12120208) 412265.32 3777715.30 613.84490 (12120208)
412285.32 3777715.30 483.89771 (12120208) 412305.32 3777715.30 397.88059 (12120208)

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412325.32	3777715.30	338.94940 (13111908)	412345.32	3777715.30	296.50114 (13111908)
412365.32	3777715.30	263.87819 (13111908)	412385.32	3777715.30	237.68927 (13111908)
412405.32	3777715.30	215.03639 (13111908)	412425.32	3777715.30	197.01576 (13111908)
412445.32	3777715.30	180.86509 (13111908)	412465.32	3777715.30	167.55061 (13111908)
412485.32	3777715.30	155.88872 (13111908)	412265.32	3777735.30	663.14886 (13111908)
412285.32	3777735.30	529.64587 (13111908)	412305.32	3777735.30	441.32011 (13111908)
412325.32	3777735.30	377.75321 (13111908)	412345.32	3777735.30	330.12134 (13111908)
412365.32	3777735.30	293.63728 (13111908)	412385.32	3777735.30	265.19556 (13111908)
412405.32	3777735.30	238.92839 (13111908)	412425.32	3777735.30	219.18495 (13111908)
412445.32	3777735.30	201.37079 (13111908)	412465.32	3777735.30	185.88633 (13111908)
412485.32	3777735.30	171.66792 (13111908)	412265.32	3777755.30	691.48399 (13111908)
412285.32	3777755.30	556.36208 (13111908)	412305.32	3777755.30	465.71584 (13111908)
412325.32	3777755.30	399.09298 (13111908)	412345.32	3777755.30	351.62073 (13111908)
412365.32	3777755.30	313.37342 (13111908)	412385.32	3777755.30	283.41460 (13111908)
412405.32	3777755.30	256.92186 (13111908)	412425.32	3777755.30	233.36293 (13111908)
412445.32	3777755.30	213.87650 (13111908)	412465.32	3777755.30	196.55612 (13111908)
412485.32	3777755.30	181.45388 (13111908)	412265.32	3777775.30	685.63629 (13111908)
412285.32	3777775.30	552.15846 (13111908)	412305.32	3777775.30	465.87984 (13111908)
412325.32	3777775.30	401.78876 (13111908)	412465.32	3777775.30	203.53964 (13111908)
412485.32	3777775.30	189.44809 (13111908)	412265.32	3777795.30	632.42526 (13111908)
412285.32	3777795.30	512.77142 (13111908)	412305.32	3777795.30	439.44338 (13111908)
412325.32	3777795.30	385.84674 (13111908)	412345.32	3777795.30	345.49083 (13111908)

412365.32 3777795.30 310.92680 (13111908) 412385.32 3777795.30 282.70833 (13111908)
412405.32 3777795.30 259.28679 (13111908) 412425.32 3777795.30 239.44168 (13111908)
412445.32 3777795.30 221.98254 (13111908) 412465.32 3777795.30 206.46860 (13111908)
412485.32 3777795.30 192.84457 (13111908) 412265.32 3777815.30 568.48508 (12071219)
412285.32 3777815.30 460.94918 (12071219) 412305.32 3777815.30 390.38534 (13111908)
412325.32 3777815.30 351.53772 (13111908) 412345.32 3777815.30 320.26924 (13111908)
412365.32 3777815.30 294.61714 (13111908) 412385.32 3777815.30 270.71991 (13111908)
412405.32 3777815.30 251.07613 (13111908) 412425.32 3777815.30 234.27054 (13111908)
412445.32 3777815.30 218.95487 (13111908) 412465.32 3777815.30 205.24469 (13111908)
412485.32 3777815.30 193.37863 (13111908) 412261.97 3777984.79 174.46699 (12092219)
412281.97 3777984.79 168.94512 (12092219) 412301.97 3777984.79 160.45710 (12092219)
412321.97 3777984.79 161.84088 (12071219) 412341.97 3777984.79 164.74483 (12071219)
412361.97 3777984.79 166.16615 (12071219) 412261.97 3778004.79 162.66536 (12092219)
412281.97 3778004.79 159.81494 (12092219) 412301.97 3778004.79 153.81732 (12092219)
412321.97 3778004.79 146.97598 (14010717) 412341.97 3778004.79 145.87924 (12071219)
412361.97 3778004.79 148.79158 (12071219) 412261.97 3778024.79 151.87522 (12092219)
412281.97 3778024.79 150.59763 (12092219) 412301.97 3778024.79 146.87071 (12092219)
412321.97 3778024.79 139.25615 (12092219) 412341.97 3778024.79 133.86262 (12080822)

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONSTRUC ***
INCLUDING SOURCE(S): CONSTRUCTION,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412361.97	3778024.79	132.46861 (12071219)	412261.97	3778044.79	142.27485 (12092219)
412281.97	3778044.79	140.77008 (12092219)	412301.97	3778044.79	138.06050 (12092219)
412321.97	3778044.79	132.72294 (12092219)	412341.97	3778044.79	126.85457 (13062822)
412361.97	3778044.79	123.46059 (12080822)			

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
411893.28	3777816.13	45.95816 (12033117)	411913.28	3777816.13	47.00164 (12033117)
411933.28	3777816.13	47.72754 (12033117)	411953.28	3777816.13	50.40257 (16120908)
411973.28	3777816.13	55.61908 (16120908)	411993.28	3777816.13	61.60344 (16120908)
412013.28	3777816.13	68.32351 (16120908)	412033.28	3777816.13	75.40623 (16120908)
412053.28	3777816.13	81.95512 (16120908)	412073.28	3777816.13	86.93268 (16120908)
412093.28	3777816.13	90.47484 (16120908)	412113.28	3777816.13	93.96133 (16120908)
412133.28	3777816.13	98.91658 (16120908)	412153.28	3777816.13	106.77966 (16120908)
412173.28	3777816.13	119.46766 (16120908)	412193.28	3777816.13	140.97044 (16120908)
412213.28	3777816.13	181.87226 (16120908)	412233.28	3777816.13	283.01245 (16120908)
412273.28	3777816.13	353.33825 (12071919)	412293.28	3777816.13	249.63384 (12071919)
412313.28	3777816.13	189.57863 (12071919)	412333.28	3777816.13	154.32396 (12071919)
412353.28	3777816.13	129.77761 (12071919)	412373.28	3777816.13	110.82471 (12121716)
412393.28	3777816.13	99.72867 (12121716)	412413.28	3777816.13	90.44478 (12121716)
412433.28	3777816.13	82.03321 (12121716)	412453.28	3777816.13	74.42740 (12121716)
412473.28	3777816.13	67.39054 (12121716)	411893.28	3777836.13	38.86987 (16120908)
411913.28	3777836.13	42.19260 (16120908)	411933.28	3777836.13	45.82602 (16120908)
411953.28	3777836.13	49.84596 (16120908)	411973.28	3777836.13	54.29153 (16120908)
411993.28	3777836.13	59.15114 (16120908)	412013.28	3777836.13	64.34481 (16120908)
412033.28	3777836.13	69.64950 (16120908)	412053.28	3777836.13	74.74503 (16120908)
412073.28	3777836.13	79.39993 (16120908)	412093.28	3777836.13	83.79920 (16120908)
412113.28	3777836.13	88.59093 (16120908)	412133.28	3777836.13	94.73983 (16120908)
412153.28	3777836.13	103.52149 (16120908)	412173.28	3777836.13	116.88915 (16120908)
412193.28	3777836.13	138.89434 (16120908)	412213.28	3777836.13	180.11419 (16120908)

412233.28 3777836.13 281.19111 (16120908) 412273.28 3777836.13 352.64492 (12071919)
412293.28 3777836.13 242.68266 (12071919) 412313.28 3777836.13 183.60829 (12071919)
412333.28 3777836.13 150.18665 (12071919) 412353.28 3777836.13 127.33853 (12071919)
412373.28 3777836.13 109.86823 (12071919) 412393.28 3777836.13 95.12320 (12071919)
412413.28 3777836.13 86.36465 (12121716) 412433.28 3777836.13 79.23255 (12121716)
412453.28 3777836.13 72.79751 (12121716) 412473.28 3777836.13 66.84225 (12121716)
411893.28 3777876.13 40.69694 (16120908) 411913.28 3777876.13 43.88793 (16120908)
411933.28 3777876.13 47.22311 (16120908) 411953.28 3777876.13 50.71329 (16120908)
411973.28 3777876.13 54.35675 (16120908) 411993.28 3777876.13 58.13821 (16120908)
412013.28 3777876.13 62.02482 (16120908) 412033.28 3777876.13 66.00768 (16120908)
412053.28 3777876.13 70.08895 (16120908) 412073.28 3777876.13 74.35564 (16120908)
412093.28 3777876.13 79.00690 (16120908) 412113.28 3777876.13 84.47605 (16120908)
412133.28 3777876.13 91.39737 (16120908) 412153.28 3777876.13 100.81782 (16120908)
412173.28 3777876.13 114.64881 (16120908) 412193.28 3777876.13 136.83990 (16120908)
412213.28 3777876.13 177.62888 (16120908) 412233.28 3777876.13 275.85386 (16120908)
412273.28 3777876.13 245.39224 (16120908) 412293.28 3777876.13 234.21879 (12071919)
412313.28 3777876.13 173.53469 (12071919) 412333.28 3777876.13 141.27572 (12071919)
*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412353.28	3777876.13	120.42744 (12071919)	412373.28	3777876.13	105.27669 (12071919)
412393.28	3777876.13	93.31967 (12071919)	412413.28	3777876.13	83.10628 (12071919)
412433.28	3777876.13	77.10587 (12031616)	412453.28	3777876.13	72.15191 (12031616)
412473.28	3777876.13	67.67538 (12031616)	411913.28	3777896.13	45.58291 (16120908)
411933.28	3777896.13	48.95488 (16120908)	411953.28	3777896.13	52.40091 (16120908)
411973.28	3777896.13	55.91666 (16120908)	411993.28	3777896.13	59.48952 (16120908)
412013.28	3777896.13	63.11994 (16120908)	412033.28	3777896.13	66.84678 (16120908)
412053.28	3777896.13	70.70655 (16120908)	412073.28	3777896.13	74.82151 (16120908)
412093.28	3777896.13	79.41017 (16120908)	412113.28	3777896.13	84.86557 (16120908)
412133.28	3777896.13	91.78367 (16120908)	412153.28	3777896.13	101.19047 (16120908)
412173.28	3777896.13	114.91912 (16120908)	412193.28	3777896.13	136.86782 (16120908)
412213.28	3777896.13	176.98798 (16120908)	412233.28	3777896.13	272.66611 (16120908)
412273.28	3777896.13	256.85190 (12120216)	412293.28	3777896.13	230.54113 (12071919)
412313.28	3777896.13	169.37379 (12031616)	412333.28	3777896.13	138.61928 (12031616)
412353.28	3777896.13	119.56495 (12031616)	412373.28	3777896.13	106.27292 (12031616)
412393.28	3777896.13	96.52339 (12031616)	412413.28	3777896.13	88.77662 (12031616)
412433.28	3777896.13	82.13741 (12031616)	412453.28	3777896.13	76.11477 (12031616)
412473.28	3777896.13	70.51469 (12031616)	411913.28	3777916.13	48.09396 (16120908)
411933.28	3777916.13	51.64871 (16120908)	411953.28	3777916.13	55.19855 (16120908)
411973.28	3777916.13	58.71722 (16120908)	411993.28	3777916.13	62.22296 (16120908)
412013.28	3777916.13	65.73981 (16120908)	412033.28	3777916.13	69.30978 (16120908)
412053.28	3777916.13	73.01524 (16120908)	412073.28	3777916.13	77.00004 (16120908)
412093.28	3777916.13	81.47022 (16120908)	412113.28	3777916.13	86.80732 (16120908)
412133.28	3777916.13	93.59888 (16120908)	412153.28	3777916.13	102.78908 (16120908)
412173.28	3777916.13	116.20941 (16120908)	412193.28	3777916.13	137.67639 (16120908)
412213.28	3777916.13	176.93776 (16120908)	412233.28	3777916.13	269.96262 (16120908)
412273.28	3777916.13	349.09759 (12031616)	412293.28	3777916.13	238.38871 (12031616)
412313.28	3777916.13	178.67475 (12031616)	412333.28	3777916.13	147.57388 (12031616)
412353.28	3777916.13	128.13960 (12031616)	412373.28	3777916.13	114.16003 (12031616)
412393.28	3777916.13	103.22273 (12031616)	412413.28	3777916.13	94.19652 (12031616)
412433.28	3777916.13	86.23044 (12031616)	412453.28	3777916.13	78.83620 (12031616)
412473.28	3777916.13	71.83331 (12031616)	411913.28	3777956.13	57.06066 (16120908)
411933.28	3777956.13	61.61920 (16120908)	411953.28	3777956.13	65.86507 (16120908)
411973.28	3777956.13	69.81377 (16120908)	411993.28	3777956.13	73.49874 (16120908)
412013.28	3777956.13	77.02395 (16120908)	412033.28	3777956.13	80.47871 (16120908)
412053.28	3777956.13	83.96395 (16120908)	412073.28	3777956.13	87.65629 (16120908)
412093.28	3777956.13	91.76779 (16120908)	412113.28	3777956.13	96.62927 (16120908)
412133.28	3777956.13	102.79677 (16120908)	412153.28	3777956.13	111.13905 (16120908)
412173.28	3777956.13	123.40254 (16120908)	412193.28	3777956.13	143.18906 (16120908)
412213.28	3777956.13	179.80854 (16120908)	412233.28	3777956.13	267.22636 (16120908)

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*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
 INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
 HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
 HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
 HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412273.28	3777956.13	257.77803 (16120908)	412293.28	3777956.13	259.09928 (12031616)
412313.28	3777956.13	203.53903 (12031616)	412333.28	3777956.13	169.51654 (12031616)
412353.28	3777956.13	146.76984 (12031616)	412373.28	3777956.13	128.47894 (12031616)
412393.28	3777956.13	113.22997 (12031616)	412413.28	3777956.13	100.07057 (12031616)
412433.28	3777956.13	87.91488 (12031616)	412453.28	3777956.13	79.84132 (12120116)
412473.28	3777956.13	73.05457 (12120116)	411913.28	3777976.13	65.20877 (16120908)
411933.28	3777976.13	70.78817 (16120908)	411953.28	3777976.13	75.70227 (16120908)
411973.28	3777976.13	80.05543 (16120908)	411993.28	3777976.13	83.97462 (16120908)
412013.28	3777976.13	87.57702 (16120908)	412033.28	3777976.13	91.02688 (16120908)
412053.28	3777976.13	94.41554 (16120908)	412073.28	3777976.13	97.93372 (16120908)
412093.28	3777976.13	101.80342 (16120908)	412113.28	3777976.13	106.32506 (16120908)
412133.28	3777976.13	112.00540 (16120908)	412153.28	3777976.13	119.67318 (16120908)
412173.28	3777976.13	131.00463 (16120908)	412193.28	3777976.13	149.49280 (16120908)
412213.28	3777976.13	184.24770 (16120908)	412233.28	3777976.13	268.21793 (16120908)
412273.28	3777976.13	258.75509 (16120908)	412293.28	3777976.13	276.47309 (12031616)
412313.28	3777976.13	217.24842 (12031616)	412333.28	3777976.13	179.24602 (12031616)
412353.28	3777976.13	152.67339 (12031616)	412373.28	3777976.13	130.36353 (12031616)
412393.28	3777976.13	112.78974 (12120116)	412413.28	3777976.13	100.94863 (12120116)
412433.28	3777976.13	90.77738 (12120116)	412453.28	3777976.13	81.74462 (12120116)
412473.28	3777976.13	74.13378 (12120116)	412265.32	3777635.30	284.99402 (12031616)
412285.32	3777635.30	249.57349 (12031616)	412305.32	3777635.30	200.84131 (12031616)
412325.32	3777635.30	162.79657 (12031616)	412345.32	3777635.30	136.72731 (12120116)
412365.32	3777635.30	117.63368 (12120116)	412385.32	3777635.30	102.58359 (12120116)
412405.32	3777635.30	90.70914 (12120116)	412425.32	3777635.30	80.96322 (12120116)
412445.32	3777635.30	72.85187 (12120116)	412465.32	3777635.30	65.99270 (12120116)
412485.32	3777635.30	60.03411 (12120116)	412265.32	3777655.30	478.82174 (12120116)
412285.32	3777655.30	329.00131 (12120116)	412305.32	3777655.30	244.19758 (12120116)
412325.32	3777655.30	188.09315 (12120116)	412345.32	3777655.30	151.82817 (12120116)
412365.32	3777655.30	126.22635 (12120116)	412385.32	3777655.30	107.49913 (12120116)
412405.32	3777655.30	93.10924 (12120116)	412425.32	3777655.30	81.83635 (12120116)
412445.32	3777655.30	72.68649 (12120116)	412465.32	3777655.30	65.31384 (12120116)
412485.32	3777655.30	59.14601 (12120116)	412265.32	3777675.30	334.41846 (12043018)
412285.32	3777675.30	343.36493 (12043018)	412265.32	3777695.30	280.54815 (12071919)
412285.32	3777695.30	363.48551 (12043018)	412305.32	3777695.30	267.24411 (12043018)
412325.32	3777695.30	193.92546 (12043018)	412345.32	3777695.30	150.11907 (12043018)
412365.32	3777695.30	118.82407 (12043018)	412385.32	3777695.30	96.14838 (12043018)
412405.32	3777695.30	79.83682 (12120116)	412425.32	3777695.30	71.17704 (12120116)
412445.32	3777695.30	63.90201 (12120116)	412465.32	3777695.30	57.77086 (12120116)
412485.32	3777695.30	52.65837 (12120116)	412265.32	3777715.30	239.47065 (12071919)
412285.32	3777715.30	336.73413 (12121716)	412305.32	3777715.30	256.93603 (12121716)

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** ** September 2024

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
 INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
 HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
 HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
 HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412325.32	3777715.30	200.61812 (12043018)	412345.32	3777715.30	162.93789 (12043018)
412365.32	3777715.30	133.69749 (12043018)	412385.32	3777715.30	111.30667 (12043018)
412405.32	3777715.30	93.06556 (12043018)	412425.32	3777715.30	79.24797 (12043018)
412445.32	3777715.30	67.78693 (12043018)	412465.32	3777715.30	58.67528 (12043018)

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412485.32 3777715.30 51.12799 (12043018) 412265.32 3777735.30 239.08421 (12042618)
412285.32 3777735.30 313.72107 (12071919) 412305.32 3777735.30 244.31700 (12121716)
412325.32 3777735.30 192.55973 (12121716) 412345.32 3777735.30 158.81009 (12043018)
412365.32 3777735.30 135.68567 (12043018) 412385.32 3777735.30 117.14570 (12043018)
412405.32 3777735.30 100.62235 (12043018) 412425.32 3777735.30 87.62241 (12043018)
412445.32 3777735.30 76.38847 (12043018) 412465.32 3777735.30 66.90630 (12043018)
412485.32 3777735.30 58.76861 (12043018) 412265.32 3777755.30 294.30626 (12071919)
412285.32 3777755.30 311.60363 (12071919) 412305.32 3777755.30 228.44288 (12071919)
412325.32 3777755.30 184.36670 (12121716) 412345.32 3777755.30 155.54100 (12121716)
412365.32 3777755.30 131.95657 (12121716) 412385.32 3777755.30 114.46726 (12043018)
412405.32 3777755.30 101.29084 (12043018) 412425.32 3777755.30 89.63264 (12043018)
412445.32 3777755.30 79.62128 (12043018) 412465.32 3777755.30 70.82151 (12043018)
412485.32 3777755.30 63.16760 (12043018) 412265.32 3777775.30 230.62904 (12071919)
412285.32 3777775.30 299.72038 (12071919) 412305.32 3777775.30 223.34875 (12071919)
412325.32 3777775.30 173.45075 (12121716) 412465.32 3777775.30 71.65780 (12043018)
412485.32 3777775.30 65.08118 (12043018) 412265.32 3777795.30 211.89481 (16120908)
412285.32 3777795.30 287.97929 (12071919) 412305.32 3777795.30 214.96369 (12071919)
412325.32 3777795.30 170.90752 (12071919) 412345.32 3777795.30 140.61788 (12071919)
412365.32 3777795.30 122.68859 (12121716) 412385.32 3777795.30 108.94971 (12121716)
412405.32 3777795.30 97.17627 (12121716) 412425.32 3777795.30 86.69711 (12121716)
412445.32 3777795.30 77.18280 (12121716) 412465.32 3777795.30 70.11366 (12043018)
412485.32 3777795.30 64.54361 (12043018) 412265.32 3777815.30 210.56862 (12042618)
412285.32 3777815.30 278.57142 (12071919) 412305.32 3777815.30 208.75387 (12071919)
412325.32 3777815.30 166.69801 (12071919) 412345.32 3777815.30 138.96692 (12071919)
412365.32 3777815.30 117.79422 (12071919) 412385.32 3777815.30 104.08135 (12121716)
412405.32 3777815.30 94.09960 (12121716) 412425.32 3777815.30 85.38891 (12121716)
412445.32 3777815.30 77.43903 (12121716) 412465.32 3777815.30 70.10607 (12121716)
412485.32 3777815.30 63.36486 (12121716) 412261.97 3777984.79 224.60338 (16120908)
412281.97 3777984.79 345.28321 (12031616) 412301.97 3777984.79 254.86846 (12031616)
412321.97 3777984.79 205.67645 (12031616) 412341.97 3777984.79 169.67387 (12031616)
412361.97 3777984.79 142.51342 (12031616) 412261.97 3778004.79 230.30994 (16120908)
412281.97 3778004.79 372.27806 (12031616) 412301.97 3778004.79 282.93492 (12031616)
412321.97 3778004.79 215.98545 (12031616) 412341.97 3778004.79 173.63470 (12120116)
412361.97 3778004.79 147.11272 (12120116) 412261.97 3778024.79 243.86472 (16120908)
412281.97 3778024.79 403.92944 (12031616) 412301.97 3778024.79 299.76124 (12120116)
412321.97 3778024.79 225.90396 (12120116) 412341.97 3778024.79 177.62521 (12120116)

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,HAUL0005 ,
HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,HAUL0013 ,
HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,HAUL0021 ,
HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 ,HAUL0028 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
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412361.97 3778024.79 144.12071 (12120116) 412261.97 3778044.79 274.27576 (12031616)
412281.97 3778044.79 430.72156 (12120116) 412301.97 3778044.79 294.85862 (12120116)
412321.97 3778044.79 211.67551 (12120116) 412341.97 3778044.79 160.74328 (12120116)
412361.97 3778044.79 126.87276 (12120116)

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
*** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTRUCTION, HAUL0001 ,HAUL0002 ,HAUL0003 ,HAUL0004 ,
HAUL0005 ,HAUL0006 ,HAUL0007 ,HAUL0008 ,HAUL0009 ,HAUL0010 ,HAUL0011 ,HAUL0012 ,
HAUL0013 ,HAUL0014 ,HAUL0015 ,HAUL0016 ,HAUL0017 ,HAUL0018 ,HAUL0019 ,HAUL0020 ,
HAUL0021 ,HAUL0022 ,HAUL0023 ,HAUL0024 ,HAUL0025 ,HAUL0026 ,HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
-----
411893.28 3777816.13 766.10942 (16120908) 411913.28 3777816.13 784.79522 (16120908)
411933.28 3777816.13 793.57342 (16120908) 411953.28 3777816.13 792.35681 (16120908)

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411973.28	3777816.13	790.83506	(16120908)	411993.28	3777816.13	792.16655	(15120908)
412013.28	3777816.13	797.72115	(15120908)	412033.28	3777816.13	802.42232	(15120908)
412053.28	3777816.13	806.91006	(15120908)	412073.28	3777816.13	806.48032	(15120908)
412093.28	3777816.13	802.36226	(15120908)	412113.28	3777816.13	789.87337	(15120908)
412133.28	3777816.13	793.29355	(12071219)	412153.28	3777816.13	817.27852	(12071219)
412173.28	3777816.13	843.02771	(12071219)	412193.28	3777816.13	875.60645	(12071219)
412213.28	3777816.13	925.93652	(12071219)	412233.28	3777816.13	1035.24600	(12071219)
412273.28	3777816.13	828.17831	(12071219)	412293.28	3777816.13	609.86073	(12071219)
412313.28	3777816.13	501.33189	(13111908)	412333.28	3777816.13	437.46282	(13111908)
412353.28	3777816.13	389.84994	(13111908)	412373.28	3777816.13	352.83119	(13111908)
412393.28	3777816.13	321.24785	(13111908)	412413.28	3777816.13	295.88440	(13111908)
412433.28	3777816.13	272.68165	(13111908)	412453.28	3777816.13	253.39236	(13111908)
412473.28	3777816.13	236.37900	(13111908)	411893.28	3777836.13	591.38425	(16120908)
411913.28	3777836.13	604.42066	(16120908)	411933.28	3777836.13	611.82611	(15120908)
411953.28	3777836.13	617.07353	(15120908)	411973.28	3777836.13	620.43511	(15120908)
411993.28	3777836.13	623.06625	(15120908)	412013.28	3777836.13	624.61386	(15120908)
412033.28	3777836.13	624.63844	(15120908)	412053.28	3777836.13	621.98961	(15120908)
412073.28	3777836.13	620.59372	(12120808)	412093.28	3777836.13	623.93831	(12120808)
412113.28	3777836.13	625.54005	(12120808)	412133.28	3777836.13	624.97394	(12120808)
412153.28	3777836.13	621.35388	(12120808)	412173.28	3777836.13	618.78908	(12071219)
412193.28	3777836.13	651.85833	(12071219)	412213.28	3777836.13	702.70922	(12071219)
412233.28	3777836.13	811.85235	(12071219)	412273.28	3777836.13	767.88242	(12071219)
412293.28	3777836.13	583.04894	(12071219)	412313.28	3777836.13	484.16849	(12071219)
412333.28	3777836.13	413.72185	(12071219)	412353.28	3777836.13	357.97178	(12071219)
412373.28	3777836.13	326.89419	(13111908)	412393.28	3777836.13	301.35252	(13111908)
412413.28	3777836.13	279.74540	(13111908)	412433.28	3777836.13	260.04410	(13111908)
412453.28	3777836.13	242.49532	(13111908)	412473.28	3777836.13	226.79394	(13111908)
411893.28	3777876.13	419.12590	(16120908)	411913.28	3777876.13	433.21992	(15120908)
411933.28	3777876.13	443.83696	(15120908)	411953.28	3777876.13	446.72878	(15120908)
411973.28	3777876.13	446.81989	(15120908)	411993.28	3777876.13	445.32006	(15120908)
412013.28	3777876.13	442.25087	(15120908)	412033.28	3777876.13	442.82308	(12120808)
412053.28	3777876.13	449.02802	(12120808)	412073.28	3777876.13	453.21105	(12120808)
412093.28	3777876.13	455.69500	(12120808)	412113.28	3777876.13	455.99416	(12120808)
412133.28	3777876.13	453.86376	(12120808)	412153.28	3777876.13	448.87006	(12120808)
412173.28	3777876.13	450.40279	(12092219)	412193.28	3777876.13	470.91673	(12092219)
412213.28	3777876.13	504.14255	(12071219)	412233.28	3777876.13	612.11793	(12071219)
412273.28	3777876.13	582.31506	(12071219)	412293.28	3777876.13	509.71781	(12071219)
412313.28	3777876.13	438.82058	(12071219)	412333.28	3777876.13	388.72962	(12071219)

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 *** AERMET - VERSION 16216 *** ** September 2024 *** 13:06:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): CONSTRUCTION, HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
 HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
 HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
 HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412353.28	3777876.13	347.57152 (12071219)	412373.28	3777876.13	312.44105 (12071219)
412393.28	3777876.13	282.96047 (12071219)	412413.28	3777876.13	256.62722 (12071219)
412433.28	3777876.13	232.58478 (12071219)	412453.28	3777876.13	211.62917 (12071219)
412473.28	3777876.13	199.84055 (13111908)	411913.28	3777896.13	388.29332 (15120908)
411933.28	3777896.13	396.79908 (15120908)	411953.28	3777896.13	398.90977 (15120908)
411973.28	3777896.13	397.98747 (15120908)	411993.28	3777896.13	395.21083 (15120908)
412013.28	3777896.13	390.67547 (15120908)	412033.28	3777896.13	398.58028 (12120808)
412053.28	3777896.13	404.73144 (12120808)	412073.28	3777896.13	408.60071 (12120808)
412093.28	3777896.13	410.41246 (12120808)	412113.28	3777896.13	409.97426 (12120808)
412133.28	3777896.13	407.09719 (12120808)	412153.28	3777896.13	401.64836 (12120808)
412173.28	3777896.13	404.10731 (12092219)	412193.28	3777896.13	424.40548 (12092219)
412213.28	3777896.13	455.14655 (12092219)	412233.28	3777896.13	551.40547 (12071219)
412273.28	3777896.13	540.08588 (12071219)	412293.28	3777896.13	472.61863 (12071219)
412313.28	3777896.13	410.58513 (12071219)	412333.28	3777896.13	368.50775 (12071219)
412353.28	3777896.13	335.21462 (12071219)	412373.28	3777896.13	305.01876 (12071219)
412393.28	3777896.13	279.03162 (12071219)	412413.28	3777896.13	256.01003 (12071219)
412433.28	3777896.13	234.87887 (12071219)	412453.28	3777896.13	215.29568 (12071219)
412473.28	3777896.13	197.34729 (12071219)	411913.28	3777916.13	354.68634 (15120908)
411933.28	3777916.13	361.31921 (15120908)	411953.28	3777916.13	362.71206 (15120908)
411973.28	3777916.13	361.00138 (15120908)	411993.28	3777916.13	357.23110 (15120908)
412013.28	3777916.13	356.90209 (12120808)	412033.28	3777916.13	366.04339 (12120808)

412053.28	3777916.13	372.16194	(12120808)	412073.28	3777916.13	375.71656	(12120808)
412093.28	3777916.13	376.98798	(12120808)	412113.28	3777916.13	375.94230	(12120808)
412133.28	3777916.13	372.56832	(12120808)	412153.28	3777916.13	367.27198	(12120808)
412173.28	3777916.13	368.98450	(12092219)	412193.28	3777916.13	389.26876	(12092219)
412213.28	3777916.13	421.48500	(12092219)	412233.28	3777916.13	503.42429	(12071219)
412273.28	3777916.13	578.13460	(12071219)	412293.28	3777916.13	437.86955	(12071219)
412313.28	3777916.13	380.55518	(12071219)	412333.28	3777916.13	344.59292	(12071219)
412353.28	3777916.13	317.49570	(12071219)	412373.28	3777916.13	293.11077	(12071219)
412393.28	3777916.13	270.90888	(12071219)	412413.28	3777916.13	251.07676	(12071219)
412433.28	3777916.13	232.73341	(12071219)	412453.28	3777916.13	215.34673	(12071219)
412473.28	3777916.13	198.83987	(12071219)	411913.28	3777956.13	309.16651	(15120908)
411933.28	3777956.13	313.49227	(15120908)	411953.28	3777956.13	313.89499	(15120908)
411973.28	3777956.13	311.33348	(15120908)	411993.28	3777956.13	306.51041	(15120908)
412013.28	3777956.13	315.93865	(12120808)	412033.28	3777956.13	324.79248	(12120808)
412053.28	3777956.13	330.64290	(12120808)	412073.28	3777956.13	333.74434	(12120808)
412093.28	3777956.13	334.33977	(12120808)	412113.28	3777956.13	332.66641	(12120808)
412133.28	3777956.13	329.09331	(12120808)	412153.28	3777956.13	324.41662	(12120808)
412173.28	3777956.13	321.69578	(12071220)	412193.28	3777956.13	341.32041	(12092219)
412213.28	3777956.13	373.37605	(12092219)	412233.28	3777956.13	450.82008	(12092219)

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTRUCTION, HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412273.28	3777956.13	440.35831 (12071219)	412293.28	3777956.13	380.24962 (12071219)
412313.28	3777956.13	327.00839 (12071219)	412333.28	3777956.13	297.46744 (12071219)
412353.28	3777956.13	277.38968 (12071219)	412373.28	3777956.13	260.61948 (12071219)
412393.28	3777956.13	246.11749 (12071219)	412413.28	3777956.13	233.11956 (12071219)
412433.28	3777956.13	220.01188 (12071219)	412453.28	3777956.13	207.05075 (12071219)
412473.28	3777956.13	194.57867 (12071219)	411913.28	3777976.13	295.53683 (15120908)
411933.28	3777976.13	299.63846 (15120908)	411953.28	3777976.13	299.99155 (15120908)
411973.28	3777976.13	297.37588 (15120908)	411993.28	3777976.13	294.53433 (12120808)
412013.28	3777976.13	306.17917 (12120808)	412033.28	3777976.13	314.71536 (12120808)
412053.28	3777976.13	320.31695 (12120808)	412073.28	3777976.13	323.21297 (12120808)
412093.28	3777976.13	323.61859 (12120808)	412113.28	3777976.13	321.82153 (12120808)
412133.28	3777976.13	318.28526 (12120808)	412153.28	3777976.13	313.85569 (12120808)
412173.28	3777976.13	310.79528 (12071220)	412193.28	3777976.13	326.66466 (12092219)
412213.28	3777976.13	358.06807 (12092219)	412233.28	3777976.13	434.02874 (12092219)
412273.28	3777976.13	415.51508 (12071219)	412293.28	3777976.13	356.34484 (12071219)
412313.28	3777976.13	302.90062 (12071219)	412333.28	3777976.13	274.54330 (12071219)
412353.28	3777976.13	256.31735 (12071219)	412373.28	3777976.13	242.07354 (12071219)
412393.28	3777976.13	230.41802 (12071219)	412413.28	3777976.13	219.52485 (12071219)
412433.28	3777976.13	209.24502 (12071219)	412453.28	3777976.13	198.93103 (12071219)
412473.28	3777976.13	189.50755 (12071219)	412265.32	3777635.30	553.16866 (16040818)
412285.32	3777635.30	499.98237 (12031616)	412305.32	3777635.30	441.47231 (12031616)
412325.32	3777635.30	387.38994 (12031616)	412345.32	3777635.30	340.57241 (12031616)
412365.32	3777635.30	300.19971 (12031616)	412385.32	3777635.30	265.76936 (12031616)
412405.32	3777635.30	236.39592 (12031616)	412425.32	3777635.30	213.09693 (12120116)
412445.32	3777635.30	196.66796 (12120116)	412465.32	3777635.30	182.23836 (12120208)
412485.32	3777635.30	169.99234 (12120208)	412265.32	3777655.30	836.70195 (12031616)
412285.32	3777655.30	641.00919 (12031616)	412305.32	3777655.30	514.14215 (12031616)
412325.32	3777655.30	422.03500 (12031616)	412345.32	3777655.30	359.79745 (12120116)
412365.32	3777655.30	316.08112 (12120116)	412385.32	3777655.30	281.17545 (12120116)
412405.32	3777655.30	252.26796 (12120116)	412425.32	3777655.30	227.90955 (12120116)
412445.32	3777655.30	206.89198 (12120116)	412465.32	3777655.30	188.83972 (12120116)
412485.32	3777655.30	174.21094 (12120208)	412265.32	3777675.30	727.30059 (16040818)
412285.32	3777675.30	692.85677 (12120116)	412265.32	3777695.30	795.25740 (12120208)
412285.32	3777695.30	665.02973 (12120208)	412305.32	3777695.30	529.84025 (12120116)
412325.32	3777695.30	438.40807 (12120116)	412345.32	3777695.30	373.04210 (12120116)
412365.32	3777695.30	322.50149 (12120116)	412385.32	3777695.30	283.36822 (12120208)
412405.32	3777695.30	253.83784 (12120208)	412425.32	3777695.30	229.46758 (12120208)
412445.32	3777695.30	210.31331 (12120208)	412465.32	3777695.30	192.67893 (12120208)
412485.32	3777695.30	177.48812 (12120208)	412265.32	3777715.30	821.42558 (12120208)
412285.32	3777715.30	689.50026 (12120208)	412305.32	3777715.30	534.19739 (13111908)

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTRUCTION, HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412325.32	3777715.30	442.40342 (13111908)	412345.32	3777715.30	378.37387 (13111908)
412365.32	3777715.30	331.35412 (13111908)	412385.32	3777715.30	294.85621 (13111908)
412405.32	3777715.30	264.45634 (13111908)	412425.32	3777715.30	240.38316 (13111908)
412445.32	3777715.30	219.37991 (13111908)	412465.32	3777715.30	202.08110 (13111908)
412485.32	3777715.30	187.09236 (13111908)	412265.32	3777735.30	880.66847 (13111908)
412285.32	3777735.30	743.33412 (13111908)	412305.32	3777735.30	583.56539 (13111908)
412325.32	3777735.30	484.05388 (13111908)	412345.32	3777735.30	414.49620 (13111908)
412365.32	3777735.30	363.23001 (13111908)	412385.32	3777735.30	324.12692 (13111908)
412405.32	3777735.30	289.82919 (13111908)	412425.32	3777735.30	263.79197 (13111908)
412445.32	3777735.30	240.92884 (13111908)	412465.32	3777735.30	221.30289 (13111908)
412485.32	3777735.30	203.63108 (13111908)	412265.32	3777755.30	980.27388 (13111908)
412285.32	3777755.30	771.03377 (13111908)	412305.32	3777755.30	609.59427 (13111908)
412325.32	3777755.30	507.20874 (13111908)	412345.32	3777755.30	437.75159 (13111908)
412365.32	3777755.30	384.55760 (13111908)	412385.32	3777755.30	343.74379 (13111908)
412405.32	3777755.30	309.02310 (13111908)	412425.32	3777755.30	279.01438 (13111908)
412445.32	3777755.30	254.33266 (13111908)	412465.32	3777755.30	232.74640 (13111908)
412485.32	3777755.30	214.08168 (13111908)	412265.32	3777775.30	902.19073 (13111908)
412285.32	3777775.30	767.42646 (13111908)	412305.32	3777775.30	610.72902 (13111908)
412325.32	3777775.30	511.09408 (13111908)	412465.32	3777775.30	240.36859 (13111908)
412485.32	3777775.30	222.62611 (13111908)	412265.32	3777795.30	842.77125 (13111908)
412285.32	3777795.30	728.50881 (13111908)	412305.32	3777795.30	584.93494 (13111908)
412325.32	3777795.30	495.94695 (13111908)	412345.32	3777795.30	433.73554 (13111908)
412365.32	3777795.30	384.17378 (13111908)	412385.32	3777795.30	344.95537 (13111908)
412405.32	3777795.30	313.10767 (13111908)	412425.32	3777795.30	286.60411 (13111908)
412445.32	3777795.30	263.75874 (13111908)	412465.32	3777795.30	243.80585 (13111908)
412485.32	3777795.30	226.46659 (13111908)	412265.32	3777815.30	777.94060 (12071219)
412285.32	3777815.30	678.17347 (12071219)	412305.32	3777815.30	536.36313 (13111908)
412325.32	3777815.30	462.21065 (13111908)	412345.32	3777815.30	409.13803 (13111908)
412365.32	3777815.30	368.47300 (13111908)	412385.32	3777815.30	333.55428 (13111908)
412405.32	3777815.30	305.43816 (13111908)	412425.32	3777815.30	281.91964 (13111908)
412445.32	3777815.30	261.16390 (13111908)	412465.32	3777815.30	242.96290 (13111908)
412485.32	3777815.30	227.33279 (13111908)	412261.97	3777984.79	379.27706 (12092219)
412281.97	3777984.79	408.35800 (12071219)	412301.97	3777984.79	318.18592 (12071219)
412321.97	3777984.79	279.38676 (12071219)	412341.97	3777984.79	256.77751 (12071219)
412361.97	3777984.79	241.37189 (12071219)	412261.97	3778004.79	372.82249 (12092219)
412281.97	3778004.79	397.24601 (12092219)	412301.97	3778004.79	301.36736 (14010717)
412321.97	3778004.79	257.70590 (12071219)	412341.97	3778004.79	236.07798 (12071219)
412361.97	3778004.79	222.29633 (12071219)	412261.97	3778024.79	374.91897 (12092219)
412281.97	3778024.79	403.92944 (12031616)	412301.97	3778024.79	299.76124 (12120116)
412321.97	3778024.79	243.10315 (14010717)	412341.97	3778024.79	216.04503 (12071219)

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): CONSTRUCTION, HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 ,
HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 ,
HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 ,
HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
412361.97	3778024.79	203.57376 (12071219)	412261.97	3778044.79	315.14157 (12092219)
412281.97	3778044.79	430.72156 (12120116)	412301.97	3778044.79	294.85862 (12120116)

412321.97 3778044.79 229.40138 (12092219) 412341.97 3778044.79 203.34736 (14010717)
412361.97 3778044.79 185.97427 (14010717)
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

CONSTRUC	1ST HIGHEST VALUE IS 79.57826 AT (412173.28, 3777816.13, 168.50, 168.50, 0.00) DC	
	2ND HIGHEST VALUE IS 79.31752 AT (412193.28, 3777816.13, 168.69, 168.69, 0.00) DC	
	3RD HIGHEST VALUE IS 79.31291 AT (412153.28, 3777816.13, 168.30, 168.30, 0.00) DC	
	4TH HIGHEST VALUE IS 78.52694 AT (412133.28, 3777816.13, 167.95, 167.95, 0.00) DC	
	5TH HIGHEST VALUE IS 78.17151 AT (412213.28, 3777816.13, 168.92, 168.92, 0.00) DC	
	6TH HIGHEST VALUE IS 77.52434 AT (412113.28, 3777816.13, 167.87, 167.87, 0.00) DC	
	7TH HIGHEST VALUE IS 75.69043 AT (412093.28, 3777816.13, 167.62, 167.62, 0.00) DC	
	8TH HIGHEST VALUE IS 75.24544 AT (412233.28, 3777816.13, 169.14, 169.14, 0.00) DC	
	9TH HIGHEST VALUE IS 73.53530 AT (412073.28, 3777816.13, 167.24, 167.24, 0.00) DC	
	10TH HIGHEST VALUE IS 71.22070 AT (412053.28, 3777816.13, 166.98, 166.98, 0.00) DC	
HAUL	1ST HIGHEST VALUE IS 65.50168 AT (412273.28, 3777916.13, 170.52, 170.52, 0.00) DC	
	2ND HIGHEST VALUE IS 62.03868 AT (412273.28, 3777836.13, 169.94, 169.94, 0.00) DC	
	3RD HIGHEST VALUE IS 61.94498 AT (412273.28, 3777816.13, 169.59, 169.59, 0.00) DC	
	4TH HIGHEST VALUE IS 57.83225 AT (412265.32, 3777655.30, 168.00, 168.00, 0.00) DC	
	5TH HIGHEST VALUE IS 57.41343 AT (412265.32, 3777755.30, 168.77, 168.77, 0.00) DC	
	6TH HIGHEST VALUE IS 54.05764 AT (412233.28, 3777816.13, 169.14, 169.14, 0.00) DC	
	7TH HIGHEST VALUE IS 53.45895 AT (412233.28, 3777836.13, 169.60, 169.60, 0.00) DC	
	8TH HIGHEST VALUE IS 52.18373 AT (412233.28, 3777876.13, 169.86, 169.86, 0.00) DC	
	9TH HIGHEST VALUE IS 51.41984 AT (412233.28, 3777896.13, 170.01, 170.01, 0.00) DC	
	10TH HIGHEST VALUE IS 51.24655 AT (412281.97, 3778024.79, 171.28, 171.28, 0.00) DC	
ALL	1ST HIGHEST VALUE IS 129.30309 AT (412233.28, 3777816.13, 169.14, 169.14, 0.00) DC	
	2ND HIGHEST VALUE IS 122.89700 AT (412265.32, 3777755.30, 168.77, 168.77, 0.00) DC	
	3RD HIGHEST VALUE IS 110.39369 AT (412273.28, 3777816.13, 169.59, 169.59, 0.00) DC	
	4TH HIGHEST VALUE IS 109.87205 AT (412213.28, 3777816.13, 168.92, 168.92, 0.00) DC	
	5TH HIGHEST VALUE IS 106.75578 AT (412265.32, 3777775.30, 169.02, 169.35, 0.00) DC	
	6TH HIGHEST VALUE IS 104.86681 AT (412265.32, 3777735.30, 168.70, 168.70, 0.00) DC	
	7TH HIGHEST VALUE IS 102.42481 AT (412193.28, 3777816.13, 168.69, 168.69, 0.00) DC	
	8TH HIGHEST VALUE IS 101.64203 AT (412265.32, 3777795.30, 169.10, 169.10, 0.00) DC	
	9TH HIGHEST VALUE IS 100.43203 AT (412273.28, 3777836.13, 169.94, 169.94, 0.00) DC	
	10TH HIGHEST VALUE IS 99.11119 AT (412265.32, 3777715.30, 168.50, 168.50, 0.00) DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CONST IN MICROGRAMS/M**3 **

GROUP ID	DATE AVERAGE CONC (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

CONSTRUC HIGH	1ST HIGH VALUE IS 752.99052 ON 12071219: AT (412233.28, 3777816.13, 169.14, 169.14, 0.00) DC	
HAUL HIGH	1ST HIGH VALUE IS 478.82174 ON 12120116: AT (412265.32, 3777655.30, 168.00, 168.00, 0.00) DC	
ALL HIGH	1ST HIGH VALUE IS 1035.24600 ON 12071219: AT (412233.28, 3777816.13, 169.14, 169.14, 0.00) DC	

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\LAKES_AERMOD\Andres Duarte School Construction\Andres Duarte Scho *** 09/13/24

*** AERMET - VERSION 16216 *** September 2024 *** 13:06:32

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1684 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 75 Calm Hours Identified

A Total of 1609 Missing Hours Identified (3.67 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 1010 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50

ME W187 1010 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

ORDINANCE NO. 25-04

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF DUARTE ADOPTING ZONE CHANGE 24-02, CHANGING THE ZONING OF THE PROPERTY AT 1433 CRESTFIELD DRIVE (FORMER ANDRES DUARTE SCHOOL) AND 2351 CENTRAL AVENUE (OTIS GORDON PARK) FROM PUBLIC FACILITIES (PF) TO MULTIPLE FAMILY RESIDENTIAL HIGH DENSITY (R4) AND OPEN SPACE (OS), AND TO AMEND THE OFFICIAL ZONING MAP

WHEREAS, the applicant has submitted an application requesting approval of a Zone Change to change the zoning from Public Facilities (PF) to Multiple Family Residential High Density (R-4) for approximately seven acres of the site and from Public Facilities (PF) to Open Space (OS) for approximately six acres of the site, shown in Exhibit A, and located at 1433 Crestfield Drive for the High Density Residential parcel, and at 2351 Central Avenue for the Open Space parcel (*i.e.*, Otis Gordon Park); and

WHEREAS, the zone change will also change the official Zoning Map, Chapter 19.06.020, to show the Zone Change as shown in Exhibit A; and

WHEREAS, on August 18, 2025, the Planning Commission held a duly noticed public hearing on the proposed Project, whereupon the Planning Commission received additional public testimony and made recommendation to the City Council; and

WHEREAS, notice of a public hearing on September 23, 2025, was given pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law; and

WHEREAS, on September 23, 2025 the City Council held a duly noticed public hearing on the proposed Project, whereupon the City Council received additional public testimony; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF DUARTE, CALIFORNIA, DOES ORDAIN AS FOLLOWS:

SECTION 1. RECITALS

All of the facts set forth in the Recitals of this Ordinance are true and correct and incorporated herein by this reference.

SECTION 2. FINDINGS

Per Section 19.142.060.B, the City Council finds and determines as follows:

1. The amendment is internally consistent with all other provisions of the General Plan.

The proposed Zone Change promotes to orderly growth in the City. The General Plan's Land Use policies include:

- **LU 1.1.2:** Encourage the development of a mix of housing types and densities to ensure a variety of housing to accommodate a range of tastes and incomes; and
- **LU 2.1.1:** New infill residential development should be compatible in design, bulk, and height with existing nearby residential development as referenced in Duarte's Architectural Design Guidelines and applicable Specific Plans.

The proposed Zone Change allows for a development that will blend well with surrounding neighborhoods. The development associated with the Zone Change has been designed with a similar setback design, with buildings along the street having front entries that face the main street. The buildings also have a variety of architectural styles that provides for compatibility with nearby residential development. The mix of housing provides housing opportunities that provides variety to single family and very high density options. The park portion of the development provides both a neighborhood amenity, with open access to the adjacent the neighborhood, and a citywide benefit by preserving and enhancing quality open space.

The development also conforms with General Plan Open Space policy:

- **OS 2.1.2:** Require new development to mitigate the burden it creates on existing parks through parkland dedication, recreational space development, and/or mitigation.

The Zone Change and the underlying development advance that policy by preserving Otis Gordon Park and providing for a comprehensive park upgrade including adding a parking lot that will improve local access to the park.

2. The proposed amendment will not be detrimental to the public interest, health, safety, convenience, or welfare of the City.

The proposed Zone Change will promote the community in a variety of ways including the preservation and upgrade of Otis Gordon Park and will allow for the development of 169 townhome units that expand local housing options. In addition, the proposed Zone Change and the underlying development will exhibit above average design quality that will assist in overall improvement to the design and function of the project site and the surrounding area. The proposed Zone Change and development with promote and enhance the public interest, health, safety, convenience, and welfare of the City.

3. The affected site is physically suitable in terms of design, location, operating characteristics, shape, size, topography, and the provision of public and emergency vehicle access, and public services and utilities and is served by highways and streets adequate in width and improvement to carry the kind and quantity of traffic the proposed use would likely generate, to ensure that

the proposed use(s) and/or development will not endanger, jeopardize, or otherwise constitute a hazard to the property or improvements in the vicinity in which the property is located.

The proposed Zone Change allows for the buildout of a proposed residential development and upgrade of Otis Gordon Park that will enhance the neighborhood and community. The site is adequate to accommodate the proposed residential development and park. The associated environmental impact report (EIR) and related studies and mitigation measures address all environmental impacts as required by the California Environmental Quality Act, and the project design and conditions of approval provide for a development that will enhance and improve the community.

SECTION 3. SIGNATURE

The City Clerk is hereby authorized and directed to certify as to the adoption of this Ordinance.

SECTION 4.

This Ordinance shall take effect thirty (30) days after its adoption. The City Clerk shall certify to the adoption of this Ordinance and shall cause this Ordinance to be posted in the manner provided for in the Duarte Municipal Code.

PASSED, APPROVED, AND ADOPTED after second reading at a regular meeting of the City Council of the City of Duarte this 14th day of October 2025.

Cesar Garcia, Mayor
City of Duarte

APPROVED AS TO FORM:

Thai Viet Phan
City Attorney

ATTEST:

Frances Jimenez
City Clerk

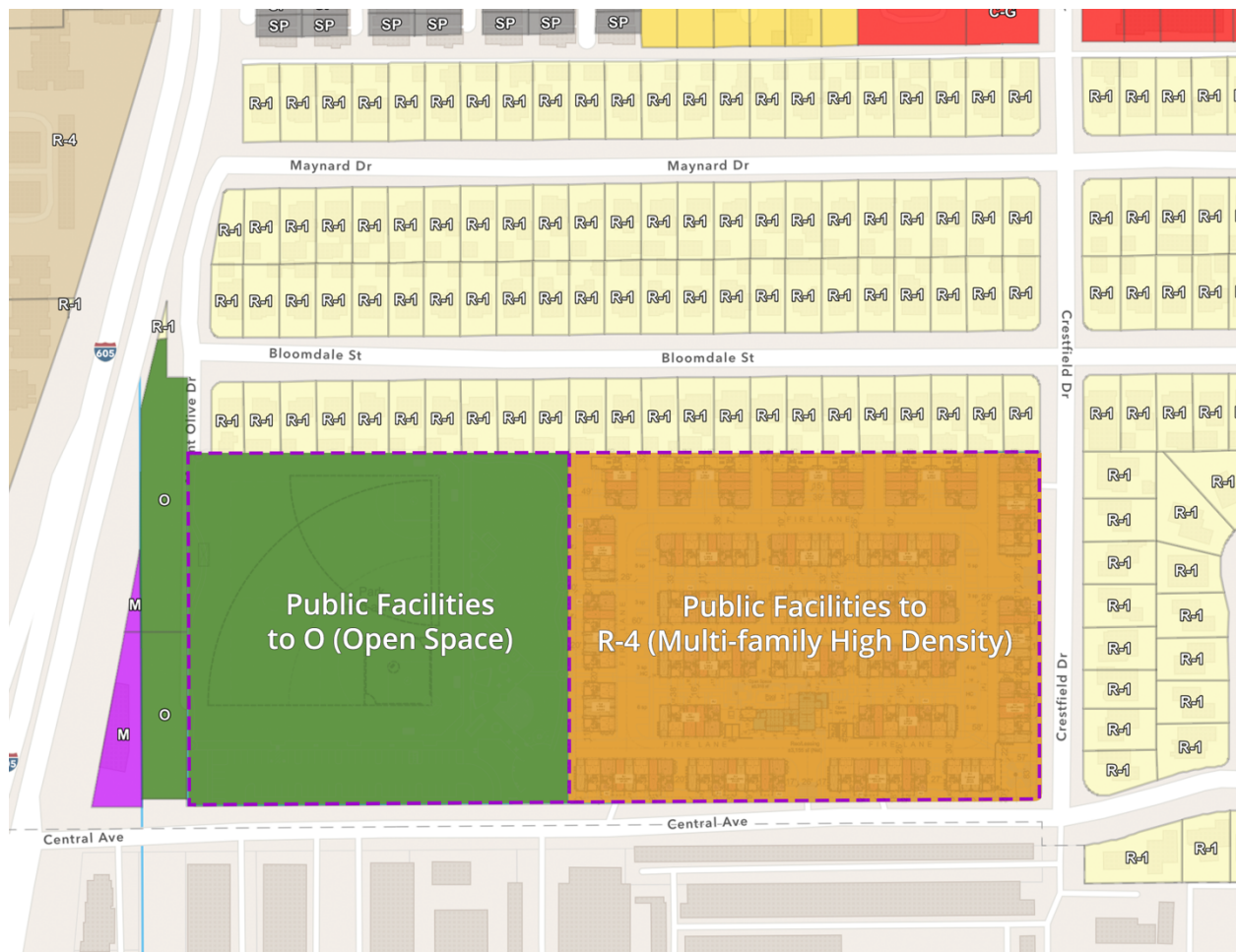
STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF DUARTE)

I, Frances Jimenez, City Clerk of the City of Duarte, County of Los Angeles, State of California, hereby attest to the above signature and certify that Ordinance No. 25-04 was adopted by the City Council of said City of Duarte at a regular meeting of said Council held on the 14th day of October, 2025, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frances Jimenez
City Clerk

EXHIBIT A



RESOLUTION NO. 25-19

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUARTE CERTIFYING THE FINAL ENVIRONMENTAL IMPACT REPORT (EIR) FOR THE ANDRES DUARTE SCHOOL SITE PROJECT LOCATED AT 1433 CRESTFIELD DRIVE AND ASSOCIATED OTIS GORDON PARK RENOVATION AT 2351 CENTRAL AVENUE

WHEREAS, the City Council of the City of Duarte (City) has considered the Draft Environmental Impact Report (EIR) for the Andres Duarte School Site Project that includes 169 townhome units and the renovation of Otis Gordon Park (Project) which includes a General Plan Amendment, zone change, parcel map, planned development permit and site plan and design review application and related items; and

WHEREAS, the EIR provides an assessment of the environmental impacts, alternatives, and mitigation measures associated with the proposed Project, and has been prepared in accordance with the California Environmental Quality Act, Public Resources Code Section 21000 *et seq.* (CEQA), and its implementing regulations in Title 14 of the California Code of Regulations, Section 15000 *et seq.* (CEQA Guidelines); and

WHEREAS, written comments on the EIR were received from the public and other public agencies during the 45-day public review period, which began on June 16, 2025, and ended on July 31, 2025; and

WHEREAS, such comments and testimony will be responded to through the Comments and Responses portion of the Final Environmental Impact Report (Final EIR) for the Project, and be presented to the City Council for future consideration; and

WHEREAS, the Final EIR will fully and adequately respond to the timely-submitted comments in the manner set forth in Section 15088 of the CEQA Guidelines; and

WHEREAS, on August 18, 2025, the Planning Commission held a duly noticed public hearing on the proposed Project, whereupon the Planning Commission received additional public testimony and made recommendation to the City Council; and

WHEREAS, notice of public hearing before the City Council concerning the adequacy and completeness of the EIR was given in accordance with the laws and policies of the City of Duarte; and

WHEREAS, on September 23, 2025, the City Council held a duly noticed public hearing on the proposed Project, whereupon the City Council received additional public testimony; and

WHEREAS, the City Council has considered the analysis and recommendation provided in the staff report; the application, technical analyses, EIR and additional environmental review documents, and related material for the proposed Project; and the evidence and public testimony received at the public hearing held on September 23, 2025, at 7:00 p.m. in the City Council Chambers.

WHEREAS, the City Council has independently reviewed all documentation comprising the draft EIR, and, utilizing its independent judgment, has found that the draft EIR addresses all environmental effects of the proposed Project and that the draft EIR fully complies with all requirements of CEQA and the CEQA Guidelines relating thereto.

NOW THEREFORE, the City Council resolves as follows:

SECTION 1. **RECITALS**

All of the facts set forth in the Recitals of this Resolution are true and correct and incorporated herein by this reference.

SECTION 2. **COMPLIANCE FINDING**

The City Council finds that the draft EIR fully complies with the requirements of CEQA and the CEQA Guidelines relating thereto.

SECTION 3. **COMPLETENESS AND COMPONENTS**

The City Council finds that the Final EIR will be complete and adequate and include the elements described below, in that it will address all environmental effects of the proposed Project. The Final EIR will be composed of the following elements:

- a. Draft EIR
- b. Introduction to Final EIR
- c. Responses to Comments on the Draft EIR, which also includes a list of all commenters and public comment letters
- d. Errata to the Draft EIR
- e. Mitigation Monitoring and Report Program
- f. Appendices, which includes revised appendices

SECTION 4. **FINDINGS OF FACT**

The City Council decision includes the Findings of Fact for the EIR, as set forth in Exhibit A.

SECTION 5. **CERTIFICATION**

The City Council of the City of Duarte certifies and approves the Final EIR, including all elements listed above, be certified by the City, as lead agency for the proposed Project.

All of the above documents and information, except for the responses to comments and any errata for final EIR have been and are on file with the Community Development Department of the City of Duarte.

SECTION 6. SIGNATURE

The City Clerk is hereby authorized and directed to certify as to the adoption of this Resolution.

PASSED AND ADOPTED this 23rd day of September 2025.

Cesar Garcia, Mayor
City of Duarte

APPROVED AS TO FORM:

Thai Viet Phan
City Attorney

ATTEST:

Frances Jimenez
City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF DUARTE)

I, Frances Jimenez, City Clerk of the City of Duarte, County of Los Angeles, State of California, hereby attest to the above signature and certify that Resolution No. 25-19 was adopted by the City Council of said City of Duarte at a regular meeting of said Council held on the 23rd day of September, 2025, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frances Jimenez
City Clerk

RESOLUTION NO. 25-20

A RESOLUTION OF THE CITY OF DUARTE APPROVING GENERAL PLAN AMENDMENT 24-02, CHANGING THE LAND USE DESIGNATION OF THE PROPERTY AT 1433 CRESTFIELD DRIVE (FORMER ANDRES DUARTE SCHOOL) AND 2351 CENTRAL AVENUE (OTIS GORDON PARK) FROM PUBLIC FACILITIES TO HIGH DENSITY RESIDENTIAL AND OPEN SPACE, AND TO AMEND THE GENERAL PLAN LAND USE DIAGRAM

WHEREAS, the applicant has submitted an application requesting approval of a General Plan Amendment to change the land use designation from Public Facilities to High Density Residential for approximately seven acres of the site and from Public Facilities to Open Space for approximately six acres of the site, shown in Exhibit A, and located at 1433 Crestfield Drive for the High Density Residential parcel, and at 2351 Central Avenue for the Open Space parcel (*i.e.*, Otis Gordon Park); and

WHEREAS, the General Plan Amendment will also change the official General Plan Land Use Diagram (LU-1) to show the General Plan Amendment as shown in Exhibit A; and

WHEREAS, In accordance with Chapter 19.142 of the Duarte Development Code, the City Council takes final action on General Plan Amendments; and

WHEREAS, on August 18, 2025 the Planning Commission held a duly noticed public hearing on the proposed General Plan Amendment, whereupon the Planning Commission received additional public testimony and made recommendation to the City Council; and

WHEREAS, notice of a public hearing on September 23, 2025, was given pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law; and

WHEREAS, on September 23, 2025 the City Council held a duly noticed public hearing on the proposed General Plan Amendment, whereupon the City Council received additional public testimony; and

NOW THEREFORE, the City Council resolves as follows:

SECTION 1. RECITALS

All of the facts set forth in the Recitals of this Resolution are true and correct and incorporated herein by this reference.

SECTION 2. FINDINGS

The City Council finds and determines as follows:

1. The General Plan Amendment is internally consistent with all other provisions of the General Plan.

The proposed General Plan Amendment promotes orderly growth in the City. The General Plan's Land Use policies include: **LU 1.1.2**, which states, "Encourage the development of a mix of housing types and densities to ensure a variety of housing to accommodate a range of tastes and incomes," and **LU 2.1.1**, which states, "New infill residential development should be compatible in design, bulk, and height with existing nearby residential development as referenced in Duarte's Architectural Design Guidelines and applicable Specific Plans." The proposed General Plan Amendment allows for a development that will blend well with surrounding neighborhoods. The development associated with the General Plan Amendment has been designed with a similar setback design, with buildings along the street having front entries that face the main street. The buildings also have a variety of architectural styles that provides for compatibility with nearby residential development. The mix of housing provides housing opportunities that provides variety to single family and very high density options. The park portion of the development provides both a neighborhood amenity with open access adjacent the neighborhood and a citywide benefit by preserving quality open space. The development also conforms with General Plan Open Space policy **OS 2.1.2**, which provides, "Require new development to mitigate the burden it creates on existing parks through parkland dedication, recreational space development, and/or mitigation." The General Plan Amendment and proposed development advance **OS 2.1.1** not only by preserving Otis Gordon Park but also by providing for a comprehensive park upgrade including adding a parking lot to improve local access to the park.

2. The proposed General Plan Amendment will not be detrimental to the public interest, health, safety, convenience, or welfare of the City.

The proposed General Plan Amendment will promote the community in a variety of ways, including the preservation and upgrade of Otis Gordon Park, and will allow for the development of 169 townhome units that expand local housing options. In addition, the proposed development will exhibit above average design quality that will assist in overall improvement to the design and function of the site and surrounding area. The proposed development will promote and enhance the public interest, health, safety, convenience, and welfare of the City.

3. The affected site is physically suitable in terms of design, location, operating characteristics, shape, size, topography, and the provision of public and emergency vehicle access, and public services and utilities and is served by highways and streets adequate in width and improvement to carry the kind and quantity of traffic the proposed use would likely generate, to ensure that the proposed use(s) and/or development will not endanger, jeopardize, or otherwise constitute a hazard to the property or improvements in the vicinity in which the property is located.

The proposed General Plan Amendment allows for the buildout of a proposed residential development and upgrade of Otis Gordon Park that will enhance the neighborhood and community. The site is adequate to accommodate the proposed residential development and park. The associated environmental impact report and related studies and mitigation measures address environmental impacts as required under the California Environmental Quality Act and the design of the development and conditions of approval will enhance and improve the community.

SECTION 3. SIGNATURE

The City Clerk is hereby authorized and directed to certify as to the adoption of this Resolution.

PASSED AND ADOPTED this 23rd day of September 2025.

Cesar Garcia, Mayor
City of Duarte

APPROVED AS TO FORM:

Thai Viet Phan
City Attorney

ATTEST:

Frances Jimenez
City Clerk

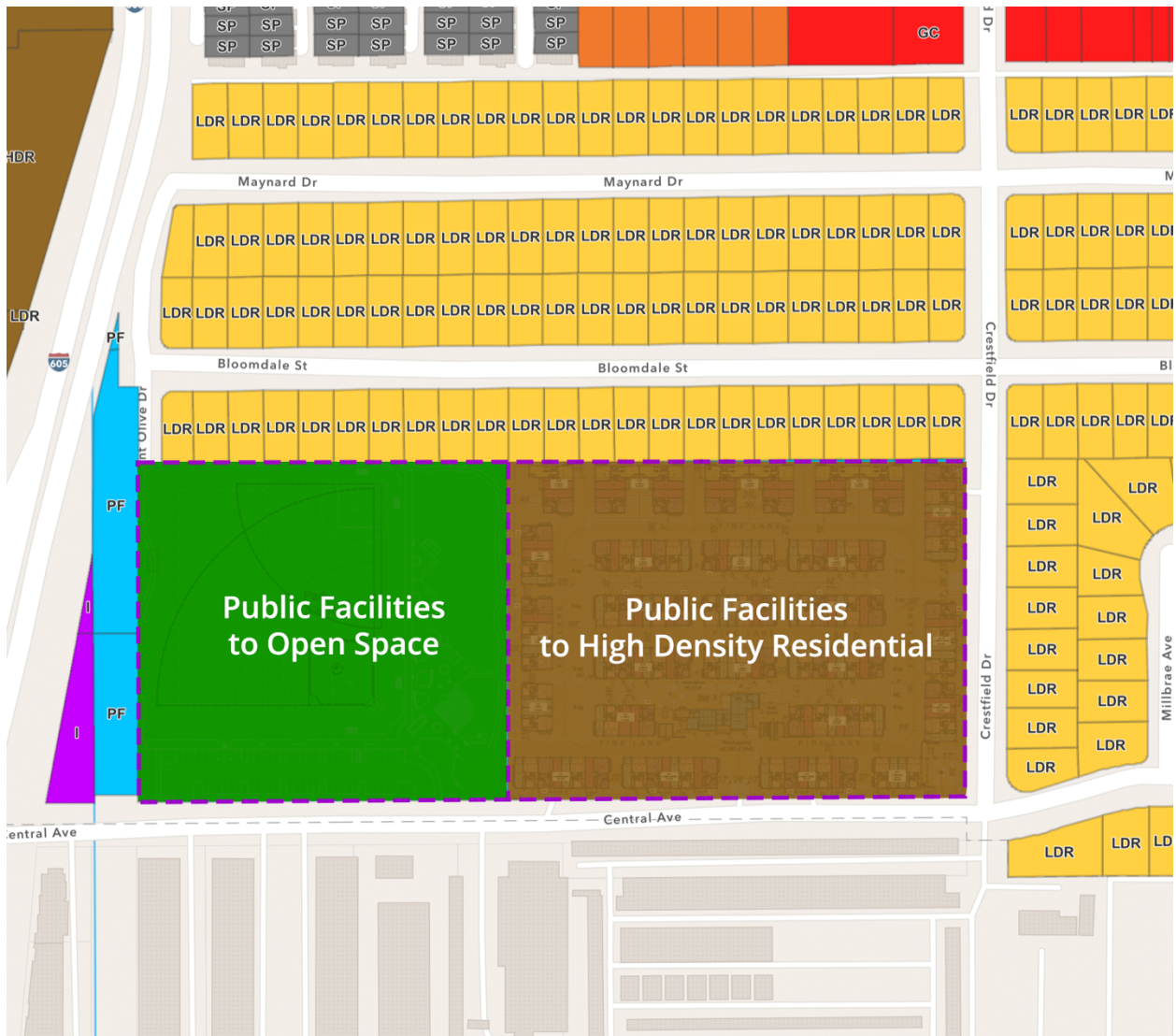
STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF DUARTE)

I, Frances Jimenez, City Clerk of the City of Duarte, County of Los Angeles, State of California, hereby attest to the above signature and certify that Resolution No. 25-20 was adopted by the City Council of said City of Duarte at a regular meeting of said Council held on the 23rd day of September, 2025, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frances Jimenez
City Clerk

EXHIBIT A



RESOLUTION NO. 25-21

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUARTE APPROVING TENTATIVE PARCEL MAP 24-01 (84544) DIVIDING ONE PARCEL INTO TWO PARCELS ON THE PROPERTY LOCATED AT 1433 CRESTFIELD DRIVE AND 2351 CENTRAL AVENUE

WHEREAS, the applicant has submitted an application requesting approval of a Tentative Parcel Map to subdivide a 13-acre parcel into two parcels located at 1433 Crestfield Drive and 2351 Central Avenue in order to accommodate a proposed residential development and park renovation project generally referred to as the Andres Duarte School Project (“Project”); and

WHEREAS, the City Engineer has found and determined that Tentative Parcel Map No. 84544, and the conditions of approval attached thereto, conform to the State Subdivision Map Act and the applicable requirements of Article Five of the Duarte Development Code; and

WHEREAS, on August 18, 2025, the Planning Commission held a duly noticed public hearing on the proposed Project, whereupon the Planning Commission received additional public testimony and made recommendation to the City Council; and

WHEREAS, notice of a public hearing on September 23, 2025, was given pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law; and

WHEREAS, on September 23, 2025, the City Council held a duly noticed public hearing on the proposed Project, whereupon the City Council received additional public testimony; and

NOW THEREFORE, the City Council resolves as follows:

SECTION 1. RECITALS

All of the facts set forth in the Recitals of this Resolution are true and correct and incorporated herein by this reference.

SECTION 2. FINDINGS

The City Council finds and determines as follows:

1. The proposed map is consistent with the general plan and zoning designation.

The proposed Tentative Parcel Map meets the requirements of the Duarte General Plan and the Development Code. Specifically, the proposed map meets the requirements of Chapter 19.10 (Residential Zones) and Table 2-4 that addresses lot size requirements. The map allows for the division of property to separate the housing use from the park use. Such division helps to protect the park parcel as public open space while allowing the parcel zoned for residential dwellings to be developed.

2. The design or improvement of the proposed subdivision is consistent with the general plan and zoning designation.

The proposed development is designed to meet all requirements of the Duarte General Plan and the Development Code. The proposed residential development and park are designed to blend well with the neighborhood and provide additional housing and recreation opportunities for the community.

3. The site is physically suitable for the type of development.

The proposed residential portion of the development occupies a similar space to the area of the property that was formerly a neighborhood school, and the proposed park is similar to the park that has been at this location for years. There is adequate space to provide for each use and the proposed development will benefit the neighborhood and community.

4. The site is physically suitable for the proposed density of development.

The proposed map divides the property into two parcels one for residential use and the other for park/open space use. The proposed density for the residential parcel is approximately 24 dwelling units per acre. This is a typical density for multi-unit townhomes, and the site adequately accommodates the residential use. While this density is higher than the surrounding neighborhood due to the clustering of the residential dwellings, such clustering and density allows the park to remain and be upgraded as part of this Project.

5. The design of the subdivision or the proposed improvements are not likely to cause substantial environmental damage or substantially and avoidably injure fish or wildlife or their habitat.

An environmental impact report (“EIR”) has been prepared for the overall development Project, that includes a General Plan Amendment and zone change. As provided in the EIR, a thorough analysis of the environmental impacts of the Project as required under the California Environmental Quality Act (“CEQA”) has determined that the Project is not likely to cause substantial environmental damage nor substantially and avoidable injury fish or wildlife or their habitat.

6. The design of the subdivision or type of improvements is not likely to cause serious public health problems.

An EIR has been prepared for the overall development Project, that includes a General Plan Amendment and zone change, and it determines that there will not be significant impact on public health, including air quality, noise, or other factors as required under CEQA.

7. The design of the subdivision or the type of improvements will not conflict with easements, acquired by the public at large, for access through or use of, property within the proposed subdivision.

The Tentative Parcel Map does not include any easements for access through or use of the property within the subdivision that will conflict with the proposed improvements. Easements

identified on the Tentative Parcel Map that are indicated to remain will be incorporated as part of the development project.

8. The proposed map will not adversely affect the adjoining properties as to value, precedent, or be detrimental to the area.

The Tentative Parcel Map will allow the development of a multi-family residential project and park that have been designed to correspond with the allowed land uses, and the improvements are consistent with the General Plan and applicable zone.

SECTION 3. CONDITIONS OF APPROVAL

This approval is subject to the conditions of approval attached in Exhibit A.

SECTION 4. SIGNATURE

The City Clerk is hereby authorized and directed to certify as to the adoption of this Resolution.

PASSED AND ADOPTED this 23rd day of September 2025.

Cesar Garcia, Mayor
City of Duarte

APPROVED AS TO FORM:

Thai Viet Phan
City Attorney

ATTEST:

Frances Jimenez
City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF DUARTE)

I, Frances Jimenez, City Clerk of the City of Duarte, County of Los Angeles, State of California, hereby attest to the above signature and certify that Resolution No. 25-21 was adopted by the City Council of said City of Duarte at a regular meeting of said Council held on the 23rd day of September, 2025, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frances Jimenez
City Clerk

EXHIBIT A

Conditions of Approval

1. Improvement plans and necessary letters of credit, cash, and/or bonds to secure the construction of all streets, storm drains, water, sewer, grading, and equestrian trails shall be submitted and approved by the City Engineer, and the subdivision agreement and other required agreements approved by City Attorney, prior to the recordation of the Final Map.
2. A Final Map prepared by or under the direction of a Registered Civil Engineer or Licensed Land Surveyor must be processed through the City Engineer prior to being filed with the County Recorder.
3. All easements existing at the time of the Final Map approval must be accounted for on the approved Tentative Map. This includes the location, owner, purpose, and recording reference for all existing easements. If an easement is blanket in nature or indeterminate in nature, a statement to that effect must be shown on the tentative map in lieu of its location.
4. Easements for Private Driveways and Fire Lanes, and all utilities, including water, sewer, storm drains shall be provided on the Final Map to the satisfaction of the City Engineer and City Attorney.
5. All site, grading, landscape & irrigation, and street improvement plans shall be coordinated for consistency prior to the issuance of any permits.
6. A preliminary title report and guarantee is required and such document shall show all fee interest holders; all interest holders whose interest could ripen into a fee; all trust deeds, together with the name of the trustee; and all easement holders. The account for this title report should remain open until the final map is filed with the County Recorder.
7. The Tentative Map shall expire 24 months from the date of approval. The subdivider, not less than 60 days prior to the expiration date, may request in writing, to the City, an extension of the approval.
8. The following shall be prepared by a professional registered engineer and submitted to the Engineering/Public Works Division for review and approval:

- LID Plan. A Low Impact Development (LID) Plan shall be submitted to the Engineering/Public Works Division for review. The LID plan shall provide a comprehensive and technical discussion of how the proposed project will comply with the City's stormwater program requirements. LID Guidance and implementation can be obtained from Los Angeles County Public Works LID Standards Manual. Contact the Duarte Public Works Division for more information. The LID plan shall be approved prior issuance of grading permits. A hydrology study should be included with the submission of the LID documents.
 - Civil Plans. Two sets of complete Civil plans shall be submitted to the Engineering/Public Works Division for review, accurately showing all existing public improvements near the subject development (i.e., street lights, signs, utility vaults and boxes, bus stops, street trees, catch basins, etc.) and shall clearly indicating any proposed modifications to the existing public improvements. Such proposed modifications to the public improvements shall require approval from the City Engineer and Community Development Director prior to issuance of any building permit and/or grading permit. The Civil plans shall be submitted concurrently with the LID plan.
 - Soils/Geology report and Hydrology Study.
 - A detailed grading and drainage plan, including all supporting information and design criteria. The grading and drainage plan shall be approved by the City Engineer and a grading bond shall be submitted prior to the issuance of a grading permit.
 - Performance bonds may be required for other phases of the project.
 - A detailed utility plan.
9. A right-of-way (ROW) permit shall be obtained from the Public Works Division prior to starting any work within the public right of way or placement of traffic control and BMPs within public right of way.
 10. All utility facilities along Crestfield Drive within the public right of way including but not limited to conduit, cable, cabinets, control boxes, etc. shall be placed underground with any access panels flush with the ground surface. If there are physical constraints restricting the placement of utility facilities underground, the developer shall provide clear engineering reasons why above ground facilities cannot be installed with underground vaults/handholes. Additionally, all utility services stubbed to the site that will

not be used to serve the development shall be properly abandoned.

11. New street lighting shall be installed on Central Avenue and Crestfield Drive. Street lighting plans shall be submitted to the City of Duarte for review and approval of placement, features and standard footing and power source. All necessary coordination with outside agencies for power source shall be done by the developer or contractor; including but not limited to easement agreements.
12. New parking lot lighting shall be installed in the park parking lot with a separate power source and meter. Parking lot lighting plans shall be submitted to the City of Duarte for review and approval of placement, features, standard footing and power source.
13. Remove and reconstruct all concrete curb & gutter along the property frontage on Central Avenue and Crestfield Drive, in accordance with City of Duarte Standard Specifications. Slot patch for curb & gutter reconstruction shall be a minimum of 18" from the edge of gutter pan.
14. Remove and reconstruct ADA ramp at the northwest corner of Central Avenue and Crestfield Drive, in accordance with City of Duarte Standard Specifications.
15. Remove existing improvements and construct sidewalk on Central Ave. Sidewalk shall be constructed per City of Duarte Standard Plans. Parkway landscaping details shall be approved by Community Development Department at time of plan check prior to issuance of off-site improvements permit issuance. New tree and landscaping maintenance, including water and power for the irrigation system, shall be the responsibility of the new property owner or responsible party. A separate irrigation meter from the project, backflow device and irrigation system shall be installed for new tree wells that are to be located in the parkway frontage for the project. Irrigation control equipment shall meet all standards of the City of Duarte and applicable County and State laws for water conservation.
16. Remove existing improvements and construct sidewalk and tree wells. Sidewalk shall be constructed per City of Duarte Standard Plans. Parkway length, placement, and landscaping details shall be approved by Community Development at time of plan check prior to issuance of off-site improvements permit issuance. New tree and landscaping maintenance, including water and power for irrigation system, shall be the responsibility of the new property owner or responsible party. A separate irrigation meter from the project, backflow device and irrigation system shall be installed for new tree wells and or parkway areas that are to be located in the parkway

frontage for the project. Irrigation control equipment shall meet all standards of the City of Duarte and applicable County and State laws for water conservation.

17. Remove all existing driveway approaches off Central Avenue and Crestfield Drive and reconstruct sidewalk to match all new sidewalk, curb and gutter and tree well as approved by Community Development Department.
18. The Developer shall construct any new driveway approaches to City standards for parking area and emergency vehicle access. All new driveway aprons shall be constructed in accordance with City of Duarte approved standards and shall provide a minimum 4-foot wide path of travel at not more than 2% cross-slope at the top of the apron. Top of driveway apron X shall be a 3-foot minimum from any trees, poles, and any other above-ground structures. Decorative or enhanced paving shall be installed behind the driveway approach to a width of 20' or as otherwise approved by the Community Development Department. Driveway approach locations and ramps shall be approved by the City Engineer prior to construction and shall require the issuance of a public right-of-way permit.
19. Construction of proposed private streets and or parking area shall be constructed in asphalt concrete at a depth of 4 inches over base or at a section approved by the Community Development Department. Asphalt Concrete -- Paving asphalt shall be C2 or D1 - PG 64-10 (1/2" or 3/8") for finished paving, depending on overlay thickness, and B- PG 6410 (3/4") for base paving. Asphalt concrete for Type D1 or Type D2 curb shall be D2 - PG 70-10.
20. Complete full width 2" Mill & Overlay with rubberized asphalt of Crestfield Drive from north property line to Central Avenue.
21. Complete full width 2" Mill & Overlay with rubberized asphalt of Central Avenue from west property line to Crestfield Drive.
22. All private street improvements including but not limited to driveway approach, sidewalk, ramps, curb and gutter, shall be constructed in accordance with City of Duarte Standards. Any deviation shall be previously approved by the Community Development Department.
23. All trenching/potholing/street cuts shall be fixed permanently within five (5) working days following the completion and acceptance of the backfill. Temporary asphalt concrete is required immediately following completion of the backfill. If plates are necessary, they shall be placed flush to the road

surface and tack welded together if two or more plates are used. If plates are necessary, then under no circumstance shall a trench remain plated longer than 48 hours, unless a longer term is approved by the Public Works Manager.

24. Traffic control work (delineation and signage) shall comply with the California Manual on Uniform Traffic Control Devices. A traffic control plan shall be submitted to the Public Works Division for review and approved prior to beginning construction and/or grading. This shall include any temporary pedestrian path and access during the construction of sidewalk.
25. Vehicular access to public streets and driveways shall remain unobstructed during the construction period.
26. The developer, contractor and all representatives shall comply with the National Pollution Discharge Elimination System (NPDES) Permit No. CAS004004, Order No. R4-2021-105, and amendments, issued by the California Regional Water Quality Control Board, Los Angeles Region. Construction activities that disturb one acre or more are regulated under the NPDES stormwater program. Operators of regulated construction sites are required to develop and implement a Stormwater Pollution Prevention Plan (SWPPP) and to obtain coverage under the Construction General Permit Order No. 2022-0057-DWQ from the State Water Resources Control Board. A copy of the SWPPP and related documents including the NOI and State issued WDID No. shall be provided to the Public Works Division to keep on file and ensure compliance.
27. The developer and/or contractor is responsible for implementing the following Best Management Practices (BMPs). These, as well as any other applicable measure shall be installed and maintained at all times for all projects and work resulting in disturbance of soil. Implementation shall conform to applicable Caltrans or CASQA BMP standard and to the satisfaction of the City Engineer:
 - Install filter materials (such as sandbags, filter fabric, etc.) at the storm drain inlet nearest the downstream side of the project site in order to retain any debris or dirt flowing in the storm drain system. Maintain and/or replace filter materials to ensure effectiveness and to prevent street flooding. Straw waddles will not be acceptable for catch basin covering.
 - Ensure that concrete supply trucks or concrete/plaster operations do not discharge wash water into street, gutters, or storm drains.

- Concrete wash area: Locate wash out areas away from the storm drains and open ditches, construct a temporary pit large enough to store the liquid and solid waste, clean pit by allowing concrete to set, breaking up the concrete, then recycling or disposing of properly.
 - Dust control shall be implemented during any construction or demolition activity. The developer and/or contractor will be responsible to ensure any workers (not limited to their direct subcontractors) are properly conducting dust control and precautions to prevent PMs in the air.
28. The developer and/or contractor shall incorporate and comply with all regulations, policies and standards regarding water, sewer, and storm water. A sewer capacity study, hydrology study and respective improvement plans if required shall be prepared and submitted to the City for final review prior to the issuance of grading permits. All sewer or storm drain improvements the City of Duarte determines necessary as a result of the project shall be addressed prior to issuance of building permits.
 29. When it applies, sewer connection fees shall be paid directly to the Los Angeles County Sanitation District. Proof of payment shall be provided prior to issuance of the grading permit.
 30. Show the City of Irwindale and Duarte Boundary on site plan.
 31. All off-site improvements within the City of Irwindale Public Right-of-Way shall be performed in accordance with City of Irwindale Standards and to the satisfaction of the Irwindale City Engineer at no cost to the City of Irwindale or City of Duarte. Construction plans shall be reviewed and approved by the Irwindale City Engineer. No work shall proceed without an encroachment permit from the City of Irwindale when crossing City limits. All work required in the City of Irwindale shall be phased to occur concurrently with like public improvement related work in the City of Duarte. Prior to issuance of building permits a detailed work plan and schedule for all public improvements resulting from the project shall be approved by both agencies.
 32. Existing City of Irwindale Public right of way parking shall not be impacted by the development.
 33. Any existing improvements in the public right of way (within the City of Duarte or City of Irwindale) damaged or made off-grade during construction, including but not limited to sidewalk, curb & gutter, ramps, driveways, etc. shall be removed and replaced in accordance with the respective City

standards.

RESOLUTION NO. 25-22

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUARTE APPROVING SITE PLAN AND DESIGN REVIEW 25-19 FOR THE CONSTRUCTION OF A 169 UNIT TOWNHOME DEVELOPMENT AT 1433 CRESTFIELD DRIVE (FORMER ANDRES DUARTE SCHOOL)

WHEREAS, pursuant to Duarte Development Code Chapter 19.122, the applicant is requesting approval of a Site Plan and Design Review (SPDR) application for the construction of a 169 unit townhome development and associated site improvements at 1433 Crestfield Drive (former Andres Duarte School); and

WHEREAS, new multi-family structures in residential zones require Planning Commission approval, pursuant to Duarte Development Code Section 19.122.030; however, in this instance the Planning Commission shall act as a recommending body to the City Council, consistent with Duarte Development Code Sections 19.122.030(A)(5) and 19.122.050(C); and

WHEREAS, on August 4, 2025, the Architectural Review Board held a public meeting that was noticed pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law to consider the SPDR application and provided a recommendation of approval to the Planning Commission; and

WHEREAS, this Site Plan and Design Review case is associated with other entitlements including Planned Development Permit 24-01, which comprehensively comprise the proposed project being considered by the Planning Commission; and

WHEREAS, notice of a public hearing on the Site Plan and Design Review was given pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law; and

WHEREAS, the City Council has considered the analysis and recommendation provided in the staff report; the application, technical analyses, environmental review documents, and related material for the Site Plan and Design Review 25-19 and for the underlying project; and the evidence and public testimony received at the public hearing held on September 23, 2025, at 7:00 p.m. in the City Council Chambers.

NOW THEREFORE, the City Council resolves as follows:

SECTION 1. RECITALS

All of the facts set forth in the Recitals of this Resolution are true and correct and incorporated herein by this reference.

SECTION 2. FINDINGS

Based upon substantial evidence presented to the City Council during the public hearing, including application materials, technical studies, environmental review documents, written staff reports, the recommendation of the Architectural Review Board, written correspondence, and

verbal testimony, the City Council hereby finds and determines as follows, consistent with Duarte Development Code Section 19.122.050.E:

1. The project is consistent with the General Plan and is in compliance with all applicable provisions of this Development Code and all other City ordinances and regulations.

The proposed development of 169 townhomes is an approved use in the R-4 zoning district. The proposed development meets the requirements of the General Plan and promotes quality local growth. The proposed development, generally, meets all requirements of the zoning with the proposed deviations that do not detract from overall quality of development, and that are authorized through the Planned Development Permit process. The Planned Development process ensures that the project: provides for efficient use of land and excellence of design; provides enhanced amenities and innovation in energy efficiency; and results in a project that is significantly higher quality than would be achieved through conventional design practices and standards. Meeting those objectives, the overall design of the development of the project far exceeds the design of a development that simply met the minimum Development Code requirements. As a result of high quality design, the development is not only compatible with the surrounding neighborhood, the design quality exceeds that of the surrounding neighborhood.

2. The project will be constructed on a parcel that is adequate in shape, size, topography, and other circumstances to accommodate the proposed development.

The development consists of 169 townhome units and a recreation building. The development parcel is adequate to accommodate the proposed townhome development with the proposed density of approximately 24 dwelling units per acre, well within the allowable density of the R-4 zoning district. The 169 units are provided in a total of 25 buildings. To provide design variety, three different, but compatible architectural design themes are used, Spanish Colonial, Spanish Santa Barbara and Spanish Andalusian. This design variety enhances the quality of the development beyond the minimum requirements for architectural design.

3. The project is in compliance with the applicable criteria specified in Subsection 19.122.040 D. (Application Filing, Processing, and Review), above, and the site is suitable for the proposed development.

Specifically, Subsection 19.122.040 D requires four criteria:

1. Compatibility.

The property is located on the corner of Crestfield Drive and Central Avenue which has historically been a neighborhood school in a residential area. The development will provide additional housing in an area already developed as a residential neighborhood. Moreover, the development enhances an existing park to be more accessible for neighborhood families. Therefore, the proposed residential development is compatible with the surrounding neighborhood.

2. Architectural Design and Detail.

The development exhibits overall design excellence and provides a variety of architectural styles. The 169 units are provided in a total of 25 buildings. To provide design variety, three different, but compatible architectural design themes are used: Spanish Colonial, Spanish Santa Barbara and Spanish Andalusian. This design variety increases visual appeal, makes for a better project, and surpasses minimum requirements for architectural design.

3. *Landscape. Lighting. Parking. Signs, and Other Design Details.*

Equipment and Utilities. The project has been designed to locate all mechanical equipment on the ground. Proper site placement, fences and landscaping have been incorporated to further screen electrical equipment where possible. Existing overhead utility lines on Crestfield Drive will be undergrounded as a part of the project.

Fences/Walls. An eight-foot (8') tall block wall will be constructed on the northerly property line to address noise and lighting impacts. There will also be courtyard walls along the main street frontages that will provide security and compatibility.

Landscaping. Landscaping has been placed generously throughout the project site. A main focal landscape area is located on the Crestfield-Central intersection, and units have landscaped courtyards. A conceptual landscaping plan is included in the project plans, which depicts a variety of climate-adapted planting materials, trees, and appropriate landscaping placement for screening purposes. A standard condition of approval is added for a deferred detailed landscape plan review.

Lighting. The property will have adequate lighting for a residential project. The lighting plan will require review and approval from the Planning Division to ensure each fixture will be of high quality and decorative. Lighting design will be reviewed to also ensure offsite glare is avoided.

Parking. There will be two covered garage spaces provided for each unit. A condition will require the property owner to manage the property to ensure that the garage spaces be free of storage and that there is adequate parking for two vehicles. Some of the units have tandem parking, and those spaces have been designed to City standards. There will also be guest parking provided—one space for every four units which meets the Development Code requirement. The related Planned Development Permit requires that the owner develop a parking management plan that will strictly limit the amount of vehicles on site to ensure there will be no overflow parking. Both Staff and the City's Traffic Engineer support the amount of parking provided for the project and do not anticipate impacts related to on-site.

4. ***The project is designed and arranged to provide adequate consideration to ensure the public health, safety, and general welfare, and to prevent adverse effects on neighboring property.***

The design of the residential development has been thoughtfully designed to complement the surrounding environment, provide architectural interest for on-site structures, recognize and be sensitive to adjacent residential neighborhoods, and to avoid creating new impacts related to

public health, safety, and welfare. Conditions of approval have also been imposed to help avoid adverse and detrimental impacts on the City and surrounding community.

SECTION 3. CONDITIONS OF APPROVAL

This approval is subject to the conditions of approval attached in Exhibit A.

SECTION 4. SIGNATURE

The City Clerk is hereby authorized and directed to certify as to the adoption of this Resolution.

PASSED AND ADOPTED this 23rd day of September 2025.

Cesar Garcia, Mayor
City of Duarte

APPROVED AS TO FORM:

Thai Viet Phan
City Attorney

ATTEST:

Frances Jimenez
City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF DUARTE)

I, Frances Jimenez, City Clerk of the City of Duarte, County of Los Angeles, State of California, hereby attest to the above signature and certify that Resolution No. 25-22 was adopted by the City Council of said City of Duarte at a regular meeting of said Council held on the 23rd day of September, 2025, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Frances Jimenez
City Clerk

EXHIBIT A

Site Plan and Design Review Case 25-19 Draft Conditions of Approval

1. This approval recommendation is for the construction of a 169 unit townhome development and the renovation of Otis Gordon Park located at 1433 Crestfield Drive, as depicted on the approved plans on file with the Planning Division.
2. This approval is associated with Planned Development Permit 24-1 that allows flexibility to certain development standards.
3. A proposed plans shall be submitted to the City for review and approval prior to building permits. If phasing is proposed, a phasing plan shall address the townhome improvement and park improvements. Any changes or revisions to the approved phasing plan are subject to the approval of the City.
4. The final elevations of each building shall be reviewed and approved by the Planning Division prior to permit issuance. Final review shall include approval of the color palette, placement of colors, and all finished building materials/elements, including but not limited to the type, color, and/or placement of trims, awnings, among others. All finished materials/elements incorporated into the building design shall be of high quality and high durability, and shall take into consideration locations that may be more vulnerable to damage or potential maintenance concerns. Final stucco finish shall be subject to the approval of the CDD prior to construction.
5. The Spanish Andalusian plan shall require additional rock treatment, this includes specifically to the park facing unit (plan 5.0.2) and other units as determined by the Community Development Department, to enhance the vertical elements of the building. The final building design to be approved by the Community Development Department.
6. The applicant shall make an additional good faith effort to gain approval from the property owners to the north for the replacement of the existing walls with new, decorative, eight foot wall. Planning Staff shall approve the methods and required communications, with proof of distribution and/or mailing, prior to the applicants attempt to contact neighboring property owners.
7. All windows and doors shall require final approval from the Planning Division prior to permit issuance. A separate window and door plan with an accurate window and door schedule shall be provided to the Planning Division for review prior to submitting to Building and Safety plan check. The schedule shall list the window and door types and their locations. The plan shall include all necessary details on the type, color, and material of all proposed windows and doors; sections/detail drawings depicting the use of trims, moldings, mullions, etc.

8. All garage doors shall be of high quality design that is complementary to the architectural style of the building. Final approval from the Planning Division is required prior to issuance of building permits.
9. The Developer/applicant shall submit a list of lease conditions and requirements that will be included in all leases to the City for review and approval prior to the issuance of building permits. These lease conditions and requirements shall require, at minimum requirements for: storage in garage space; number of vehicles permitted per unit; guidelines for guest parking; compliance with the parking management plan; guidelines for trash can storage and use of community compost enclosure areas; outdoor storage in courtyard areas and similar items.
10. Resident garages shall be used for vehicle parking only. Excessive storage or any reduction of vehicle parking space within the garage shall be prohibited. Garages shall maintain a minimum vehicle parking clearance of 20 feet wide and 20 feet deep for standard garages and 11 feet wide and 39 feet deep for tandem garages. Garages shall also maintain adequate space outside of the vehicle parking area for resident trash receptacle storage, as depicted on the approved plans.
11. Uncovered off-street parking within the property shall be designated for guest and leasing office overflow only and not for the exclusive use of residents.
12. The Developer/applicant shall submit a Parking Management Plan to the City for review and approval prior to the issuance of building permits.
13. Final design/location of all fences, walls, and gates shall require approval from the Planning Division. A detailed fence, wall, and gate plan shall be submitted to the Planning and Public Works Divisions for review and approval prior to permit issuance, and shall include all finish color and material details, block wall cap details, among others.
14. Final design/location of all paving materials and decorative hardscapes shall require approval from the Planning Division prior to the incorporation into the civil plans. A detailed paving plan shall be submitted to the Planning and Public Works Divisions for review and approval prior to permit issuance, and shall include all finish color and material details.
15. A complete landscape, hardscape, and irrigation plan, prepared by a licensed landscape architect, shall be submitted to the Planning Division for review and approval prior to permit issuance. The landscape plans should complement and coordinate with the civil and paving plans. All landscape areas shall be permanently landscaped and irrigated with a variety of drought-tolerant plants, shrubs, ground cover, large and/or small canopy trees. A variety of hardscape areas shall also be included with the landscape plans. All pedestrian walkways and garage approaches shall be constructed out of concrete. All landscaping and irrigation shall comply with Chapter 19.40 (Landscaping) of the Duarte Development Code. Separate review fees shall apply.

16. An operation plan for trash pick-up service shall be approved by Burrtec Waste, and then provided to the Planning Division for review and approval prior to permit issuance. The operation plan shall include pick-up schedules, receptacle placement, receptacle size and type, trash circulation, among others.
17. All exterior lighting shall require final approval from the Planning Division prior to installation and/or issuance of permits. Lighting fixtures shall be of high quality and decorative form and shall be designed to prevent offsite glare. A lighting plan shall be provided to the Planning Division for review and shall include cut-section drawings, manufacture brochure, illumination levels/lighting distribution, operational features, and any additional information as needed for all proposed wall-mounted lights, street lights, pedestrian lights, and common area lighting. Separate review fees for the lighting plan review may apply.
18. A maintenance plan that provides continued and regular maintenance throughout the property shall be submitted to the Community Development Department for review and approval prior to permit issuance. This shall include the maintenance of landscape areas and tree wells in the public right of way on Crestfield Drive and Central Avenue.
19. The Developer shall provide mailboxes per designs and placement approved by the local postmaster and Community Development Department. Any multi-unit or “cluster box”, that serves multiple residents, shall be designed to match or compliment the architectural style of the project. Multi-unit mailboxes shall require review and approval from the Planning Division prior to permit issuance.
20. The Developer shall comply with all requirements of the Los Angeles County Fire Department, including inspections, unit address identification, among others, prior to the issuance of a certificate of occupancy.
21. The Developer shall install both building and curb address numbers per City and Los Angeles County Fire Department standards, prior to the issuance of a certificate of occupancy.
22. The project shall comply with all regulations of the Duarte Municipal Code and the Duarte Development Code, including the intent and purpose, permitted uses, development standards, and any other applicable sections. This approval is associated with Planned Development Permit 24-01 and provisions of that approval shall also apply.
23. Any revisions to the site plan, elevations, colors, and materials in addition to those listed as conditions of approval, shall be reviewed and approved by the Planning Division prior to installation; substantial changes may require review and approval from the Architectural Review Board and/or Planning Commission.
24. Mechanical equipment and related ducts, vents and other apparatus, including HVAC, shall be screened from public view and must be located inside the structure,

attic, or ground mounted. Vents, pipes, caps, hoods, and other roof penetrations that must be installed on the roof shall be painted or finished to match the roof color. Ground mounted equipment shall be shielded from public view by landscaping and/or enclosed in integrated utility closet, subject to approval from the Planning Division.

25. All utilities for direct service to the project shall be installed underground and concealed from view, as approved by the Planning Division, except for transformers, which shall be allowed above ground with adequate screening.
26. This project is subject to the requirements of Chapter 6.10 of the Duarte Municipal Code, Diversion and Demolition Waste. Prior to the issuance of any permits, the applicant shall submit a Construction and Demolition Diversion Plan and required security deposit. Contact the Planning Division for more information.
27. A final inspection shall be made by the Planning Division prior to final of any building permits to ensure that all conditions have been met.
28. Plans and all required plan check fees shall be submitted to the Community Development Department for Building & Safety plan check prior to construction. Approval from Building & Safety shall be obtained prior to the issuance of permits. Construction drawings, including the site plan, elevations, and colors shall be consistent and in substantial compliance with the conceptual approval and any required conditions of the Planning Commission and City Council.
29. Any and all correction notice(s) generated through the plan check and/or inspection process is/are hereby incorporated by reference as conditions of approval and shall be fully complied with by the owner, applicant, and all agents thereof.
30. Building permits for this project must be issued within one-year from the date of approval from the City Council or the application and approval shall expire.
31. Prior to issuing permits, any required school fees shall be paid directly to Duarte Unified School District and proof of payment provided to the City. Contact Duarte Unified School District for more information.
32. The Developer shall comply with applicable City noise ordinances. Construction activities, deliveries and haul-off will only be permitted from 7:00 a.m. to 7:00 p.m., Monday through Saturday. No construction related idling of engines or other disturbances shall occur outside of noted work hours.
33. Prior to the issuance of a Certificate of Occupancy, landscaping and irrigation shall be installed and functional. All landscaping shall be automatically irrigated. Landscaping shall be continuously maintained and permanently irrigated. All existing plant material shall be alive and healthy and in a disease and pest free condition at all times.

34. That by acceptance of the approval of the project by the City, the applicant shall defend, indemnify and hold harmless the City of Duarte and its agents, officers and employees from any claim, action or proceeding against the City or its agents, officers and employees to challenge, set aside, void or annul the approval of the project or from any other action pertaining to this application or the granting of approval which may be brought within the time period provided for such actions or challenges under applicable law.

PUBLIC WORKS

35. The following shall be prepared by a professional registered engineer and submitted to the Engineering/Public Works Division for review and approval:
- **LID Plan.** A Low Impact Development (LID) Plan shall be submitted to the Engineering/Public Works Division for review. The LID plan shall provide a comprehensive and technical discussion of how the proposed project will comply with the City's stormwater program requirements. LID Guidance and implementation can be obtained from Los Angeles County Public Works LID Standards Manual. Contact the Duarte Public Works Division for more information. The LID plan shall be approved prior issuance of grading permits. A hydrology study should be included with the submission of the LID documents.
 - **Civil Plans.** Two sets of complete Civil plans shall be submitted to the Engineering/Public Works Division for review, accurately showing all existing public improvements near the subject development (i.e., street lights, signs, utility vaults and boxes, bus stops, street trees, catch basins, etc.) and shall clearly indicating any proposed modifications to the existing public improvements. Such proposed modifications to the public improvements shall require approval from the City Engineer and Community Development Director prior to issuance of any building permit and/or grading permit. The Civil plans shall be submitted concurrently with the LID plan.
 - **Soils/Geology report and Hydrology Study.**
 - **A detailed grading and drainage plan, including all supporting information and design criteria.** The grading and drainage plan shall be approved by the City Engineer and a grading bond shall be submitted prior to the issuance of a grading permit.
 - **Performance bonds may be required for other phases of the project.**

- A detailed utility plan.
36. A right-of-way (ROW) permit shall be obtained from the Public Works Division prior to starting any work within the public right of way or placement of traffic control and BMPs within public right of way.
 37. All utility facilities along Crestfield Drive within the public right of way including but not limited to conduit, cable, cabinets, control boxes, etc. shall be placed underground with any access panels flush with the ground surface. If there are physical constraints restricting the placement of utility facilities underground, the developer shall provide clear engineering reasons why above ground facilities cannot be installed with underground vaults/handholes. Additionally, all utility services stubbed to the site that will not be used to serve the development shall be properly abandoned.
 38. New street lighting shall be installed on Central Avenue and Crestfield Drive. Street lighting plans shall be submitted to the City of Duarte for review and approval of placement, features and standard footing and power source. All necessary coordination with outside agencies for power source shall be done by the developer or contractor; including but not limited to easement agreements.
 39. New parking lot lighting shall be installed in the park parking lot with a separate power source and meter. Parking lot lighting plans shall be submitted to the City of Duarte for review and approval of placement, features, standard footing and power source.
 40. Remove and reconstruct all concrete curb & gutter along the property frontage on Central Avenue and Crestfield Drive, in accordance with City of Duarte Standard Specifications. Slot patch for curb & gutter reconstruction shall be a minimum of 18" from the edge of gutter pan.
 41. Remove and reconstruct ADA ramp at the northwest corner of Central Avenue and Crestfield Drive, in accordance with City of Duarte Standard Specifications.
 42. Remove existing improvements and construct sidewalk on Central Ave. Sidewalk shall be constructed per City of Duarte Standard Plans. Parkway landscaping details shall be approved by Community Development Department at time of plan check prior to issuance of off-site improvements permit issuance. New tree and landscaping maintenance, including water and power for the irrigation system, shall be the responsibility of the new property owner or responsible party. A separate irrigation meter from the project, backflow device and irrigation system shall be installed for new tree wells that are to be located in the parkway frontage for the project. Irrigation control equipment shall meet all standards of the City of Duarte and applicable County and State laws for water conservation.
 43. Remove existing improvements and construct sidewalk and tree wells. Sidewalk shall be constructed per City of Duarte Standard Plans. Parkway length, placement, and landscaping details shall be approved by Community Development at time of plan check prior to issuance of off-site improvements permit issuance. New tree

and landscaping maintenance, including water and power for irrigation system, shall be the responsibility of the new property owner or responsible party. A separate irrigation meter from the project, backflow device and irrigation system shall be installed for new tree wells and or parkway areas that are to be located in the parkway frontage for the project. Irrigation control equipment shall meet all standards of the City of Duarte and applicable County and State laws for water conservation.

44. Remove all existing driveway approaches off Central Avenue and Crestfield Drive and reconstruct sidewalk to match all new sidewalk, curb and gutter and tree well as approved by Community Development Department.
45. The Developer shall construct any new driveway approaches to City standards for parking area and emergency vehicle access. All new driveway aprons shall be constructed in accordance with City of Duarte approved standards and shall provide a minimum 4-foot wide path of travel at not more than 2% cross-slope at the top of the apron. Top of driveway apron X shall be a 3-foot minimum from any trees, poles, and any other above-ground structures. Decorative or enhanced paving shall be installed behind the driveway approach to a width of 20' or as otherwise approved by the Community Development Department. Driveway approach locations and ramps shall be approved by the City Engineer prior to construction and shall require the issuance of a public right-of-way permit.
46. Construction of proposed private streets and or parking area shall be constructed in asphalt concrete at a depth of 4 inches over base or at a section approved by the Community Development Department. Asphalt Concrete -- Paving asphalt shall be C2 or D1 - PG 64-10 (1/2" or 3/8") for finished paving, depending on overlay thickness, and B- PG 6410 (3/4") for base paving. Asphalt concrete for Type D1 or Type D2 curb shall be D2 - PG 70-10.
47. Complete full width 2" Mill & Overlay with rubberized asphalt of Crestfield Drive from north property line to Central Avenue.
48. Complete full width 2" Mill & Overlay with rubberized asphalt of Central Avenue from west property line to Crestfield Drive.
49. All private street improvements including but not limited to driveway approach, sidewalk, ramps, curb and gutter, shall be constructed in accordance with City of Duarte Standards. Any deviation shall be previously approved by the Community Development Department.
50. All trenching/potholing/street cuts shall be fixed permanently within five (5) working days following the completion and acceptance of the backfill. Temporary asphalt concrete is required immediately following completion of the backfill. If plates are necessary, they shall be placed flush to the road surface and tack welded together if two or more plates are used. If plates are necessary, then under no circumstance shall a trench remain plated longer than 48 hours, unless a longer term is approved by the Public Works Manager.

51. Traffic control work (delineation and signage) shall comply with the California Manual on Uniform Traffic Control Devices. A traffic control plan shall be submitted to the Public Works Division for review and approved prior to beginning construction and/or grading. This shall include any temporary pedestrian path and access during the construction of sidewalk.
52. Vehicular access to public streets and driveways shall remain unobstructed during the construction period.
53. The developer, contractor and all representatives shall comply with the National Pollution Discharge Elimination System (NPDES) Permit No. CAS004004, Order No. R4-2021-105, and amendments, issued by the California Regional Water Quality Control Board, Los Angeles Region. Construction activities that disturb one acre or more are regulated under the NPDES stormwater program. Operators of regulated construction sites are required to develop and implement a Stormwater Pollution Prevention Plan (SWPPP) and to obtain coverage under the Construction General Permit Order No. 2022-0057-DWQ from the State Water Resources Control Board. A copy of the SWPPP and related documents including the NOI and State issued WDID No. shall be provided to the Public Works Division to keep on file and ensure compliance.
54. The developer and/or contractor is responsible for implementing the following Best Management Practices (BMPs). These, as well as any other applicable measure shall be installed and maintained at all times for all projects and work resulting in disturbance of soil. Implementation shall conform to applicable Caltrans or CASQA BMP standard and to the satisfaction of the City Engineer:
 - Install filter materials (such as sandbags, filter fabric, etc.) at the storm drain inlet nearest the downstream side of the project site in order to retain any debris or dirt flowing in the storm drain system. Maintain and/or replace filter materials to ensure effectiveness and to prevent street flooding. Straw waddles will not be acceptable for catch basin covering.
 - Ensure that concrete supply trucks or concrete/plaster operations do not discharge wash water into street, gutters, or storm drains.
 - Concrete wash area: Locate wash out areas away from the storm drains and open ditches, construct a temporary pit large enough to store the liquid and solid waste, clean pit by allowing concrete to set, breaking up the concrete, then recycling or disposing of properly.
 - Dust control shall be implemented during any construction or demolition activity. The developer and/or contractor will be responsible to ensure any workers (not limited to their direct subcontractors) are properly conducting dust

control and precautions to prevent PMs in the air.

55. The developer and/or contractor shall incorporate and comply with all regulations, policies and standards regarding water, sewer, and storm water. A sewer capacity study, hydrology study and respective improvement plans if required shall be prepared and submitted to the City for final review prior to the issuance of grading permits. All sewer or storm drain improvements the City of Duarte determines necessary as a result of the project shall be addressed prior to issuance of building permits.
56. When it applies, sewer connection fees shall be paid directly to the Los Angeles County Sanitation District. Proof of payment shall be provided prior to issuance of the grading permit.
57. Show the City of Irwindale and Duarte Boundary on site plan.
58. All off-site improvements within the City of Irwindale Public Right-of-Way shall be performed in accordance with City of Irwindale Standards and to the satisfaction of the Irwindale City Engineer at no cost to the City of Irwindale or City of Duarte. Construction plans shall be reviewed and approved by the Irwindale City Engineer. No work shall proceed without an encroachment permit from the City of Irwindale when crossing City limits. All work required in the City of Irwindale shall be phased to occur concurrently with like public improvement related work in the City of Duarte. Prior to issuance of building permits a detailed work plan and schedule for all public improvements resulting from the project shall be approved by both agencies.
59. Existing City of Irwindale Public right of way parking shall not be impacted by the development.
60. Any existing improvements in the public right of way (within the City of Duarte or City of Irwindale) damaged or made off-grade during construction, including but not limited to sidewalk, curb & gutter, ramps, driveways, etc. shall be removed and replaced in accordance with the respective City standards.
61. The developer shall pay the fair share cost of a future traffic signal on Huntington Drive at Elmhurst Avenue (or at another nearby intersection to be determined by the City). A non-refundable payment of \$6,000 (determined to be .8% of estimated cost) shall be submitted to the City prior to issuance of building permits.
62. The developer shall submit a payment to the City for the installation of a traffic control sign(s) at Elmhurst Avenue and Huntington Drive that will restrict northbound Elmhurst Avenue to right turns only during AM and PM peak hours. A non-refundable payment of \$1,000 shall be submitted to the City prior to issuance of building permits.

Planned Development Related Conditions

63. The developer and Duarte Unified School District shall provide a lease and/or joint use arrangement for the park area to the City for use as a public park for the length of the Developer's lease with the Duarte Unified School District. Final park plans are subject to the review and approval of the City. A detailed lease/sublease or joint use agreement shall be required prior to any project occupancy. Final park upgrade work is subject solely to the approval of the City.
64. The developer shall develop a detailed plan for park upgrades, subject to the approval of the City of Duarte. The timing for park improvements will be subject to the phasing plan required as a part of this approval.
65. The developer and all future owners shall provide and maintain direct gate access from the residential development to the park and there shall be a minimum of two access points, subject to the approval of the Community Development Department. The gate plan shall include a plan for securing the gate access for residents of the complex only.
66. The developer shall install and all future owners shall maintain public art as a part of the project. A final public art plan shall provide the plans for the public art and that art shall be at a minimum of two locations in the development, one being at the recreation building, subject to the approval of the Community Development Department.
67. The developer shall be responsible for developing and enforcing a parking management plan for the development. The parking management plan is subject to the approval of the Community Development Department. The plan shall require that all leases clearly state that two garage spaces must be kept clear and available for parking; and that overflow parking, beyond the two spaces per unit, is not available on the site and that only guest spaces are provided for community use. The property management group shall be responsible for monitoring parking on site to ensure that resident parking be limited to the townhouse area and that there is no overflow onto streets or the park parking area.
68. Prior to certificate of occupancy, the developer or owner shall develop an affordable housing program subject to the approval by the City of Duarte. The affordable housing program shall provide for 16% of the development (28 units) be made available for moderate income households.
69. The project shall incorporate all applicable portions of the mitigation monitoring program, subject to the approval of the Community Development Department.

RESOLUTION NO. 25-23

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUARTE APPROVING PLANNED DEVELOPMENT PERMIT 24-01, FOR THE DEVELOPMENT OF A 169 UNIT TOWNHOME DEVELOPMENT AND RENOVATION OF OTIS GORDON PARK, LOCATED AT 1433 CRESTFIELD DRIVE (ANDRES DUARTE SCHOOL) AND 2351 CENTRAL AVENUE (OTIS GORDON PARK)

WHEREAS, the applicant has submitted an application requesting approval of a 169 unit townhome development and renovation of Otis Gordon Park, located at 1433 Crestfield Drive for the townhome development, and at 2351 Central Avenue for the park renovation; and;

WHEREAS, the Planned Development Permit will provide flexibility to certain Development Code standards that include, front setbacks, rear setbacks, private open space, tandem parking and overflow parking and in turn will provide an overall design quality that is far beyond what typically might be developed under Development Code requirements. The Planned Development process ensures that the project: provides for efficient use of land and excellence of design; provides enhanced amenities and innovation in energy efficiency; and results in a project that is significantly higher quality than would be achieved through conventional design practices and standards; and

WHEREAS, this Planned Development Permit is directly related to Site Plan and Design Review Case Number 25-19 and is associated with General Plan Amendment 24-02, Zone Change 24-02, Tentative Parcel Map 24-01 and the related Environmental Impact Report;

WHEREAS, on August 4, 2025, the Architectural Review Board held a public meeting that was noticed pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law to consider the SPDR application and provided a recommendation of approval to the Planning Commission; and

WHEREAS, notice of a public hearing by the Planning Commission on August 18, 2025, was given pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law and the Planning Commission recommended approval to the City Council; and

WHEREAS, notice of a public hearing on the Site Plan and Design Review was given pursuant to Duarte Development Code Chapter 19.146 and in accordance with applicable State law; and

WHEREAS, the City Council has considered the analysis and recommendation provided in the staff report; the application, technical analyses, environmental review documents, and related material for the Planned Development Permit and for the underlying project; and the evidence and public testimony received at the public hearing held on September 23, 2025, at 7:00 p.m. in the City Council Chambers.

NOW THEREFORE, the City Council resolves as follows:

SECTION 1. **RECITALS**

All of the facts set forth in the Recitals of this Resolution are true and correct and incorporated herein by this reference.

SECTION 2. **FINDINGS**

Pursuant to Duarte Development Code Section 19.118.050 and based upon substantial evidence presented to the City Council during the public hearing, including application materials, technical studies, environmental review documents, written staff reports, written correspondence, and verbal testimony, the City Council hereby finds and determines as follows:

- 1. The Planned Development Permit will:***
 - a. Accommodate a use that is allowed within the subject base zone;***
 - b. Be consistent with the purpose, intent, goals, policies, actions, and land use designations of the General Plan;***
 - c. Be generally in compliance with all of the applicable provisions of this Development Code relating to both on and off-site improvements that are necessary to accommodate flexibility in site planning and property development and to carry out the purpose, intent, and requirements of this Chapter and the subject base zone(s), including prescribed development standards and applicable design guidelines, except for those provisions adjusted/modified in compliance with this Chapter; and***
 - d. Ensure compatibility of property uses in the surrounding neighborhood.***

The proposed development of 169 townhomes and the preservation and upgrade of Otis Gordon Park are approved uses in the R-4 and OS zoning districts. The proposed development meets the requirements of the General Plan and promotes quality local growth by providing additional residential units that accommodate a variety of income levels. The proposed development generally meets all requirements of the zone with the proposed modifications as permitted by the Development Code. These adjustments do not detract from overall quality of development; rather, the adjustments allowed for a more flexible project that accommodated more needs in the community. The overall design of the development far exceeds the minimum design standards. Thus, a result of high quality design, the development is not only compatible with the surrounding neighborhood, the design quality exceeds that of the surrounding neighborhood.

- 2. The proposed project will produce a comprehensive development of superior quality and excellence of design (e.g., appropriate variety of structure placement and orientation opportunities, appropriate mix of structure sizes, high-quality architectural***

design and materials, significantly increased amounts and varieties of hardscape and landscape and improved open space, improved solutions to the design and placement of parking and loading facilities, incorporation of a program of highly enhanced amenities, energy-efficient related standards and guidelines [i.e., sustainable design practices] in compliance with Chapter 19.52 [Sustainable Design Practices], etc.) than might otherwise occur from more typical development applications.

The proposed project is given Development Code flexibility in the following areas: front setbacks, rear setbacks, private open space, tandem parking and overflow parking. The flexibility in the front and rear setbacks and the private open space is justified based on the overall excellence of the project design. The rear setback is mitigated by the adjacent park. The proximity of Otis Gordon Park and the project recreation area that includes a pool and recreation area is also a mitigating factor to the private open space relief that is requested. The project design is exceptional in many ways, including:

Excellence and variety of architectural design.

The 169 units are provided in a total of 25 buildings. To provide design variety, three different, but compatible architectural design themes are used, Spanish Colonial, Spanish Santa Barbara and Spanish Andalusian. This design variety makes a much better project and is beyond minimum requirements for architectural design as outlined in the Development Code.

Public art.

There is no specific code requirement for public art, but the project will have one major public art feature near the corner of Crestfield Drive and Central Avenue that will be visible to the public. There will also be other design amenities provided by the project. A condition of approval will require that the project provide a small art feature at the recreation building. Further, screen walls and utility boxes at the ends of buildings will have decorative screening.

Direct access to Otis Gordon Park.

The project will have two gates that will provide direct access for residents to the park. This is a positive amenity for the project and not required by the Development Code.

Park improvements.

While not directly a part of the design of the residential project, the full improvements to Otis Gordon Park are a significant part of overall excellence in design. When describing excellence of design, the Planned Development Permit (PDP) portion of the Development Code states: "The purpose is to allow consideration of innovate site planning and project design; more effective design responses to site features, uses on adjoining properties, and environmental impacts; produce a more efficient use of land; and achieve higher quality site planning and excellence of design than may otherwise be possible through the strict application of the development standards." (Duarte Development Code Section 19.118.010(A).)

For a land use perspective the project provides a good balance between residential development and open space. The residential development is clustered to allow more park area. So, the setback, open space and parking relief proposed in the PDP is justified because it allows more area for Otis Gordon Park.

Because this development is only a two lot subdivision, it is not subject the standard park development fees or land dedication (typically referred to as Quimby Fees or a Quimby dedication). Therefore, all of the improvements and keeping the land as park is not required. So, the preservation of the land area as park and the significant park upgrades are prime examples of a higher quality of site planning and excellence of design. Maintaining and improving Otis Gordon Park is a positive for the neighborhood and the overall community.

Affordable housing.

The developer has agreed to incorporate moderate income units as a part of the project. Moderate income is defined as “those affordable to households earning between 80% and 120% of the area median income (AMI), adjusted for household size.” For this development, a minimum of 16% of the units will be offered as moderate-income units. Providing affordable units is not a requirement of the Development Code, and although it is “encouraged,” it is not required in the Housing Element. So providing moderate income units are another way that the project design exceeds Code requirements and is further justification for the PDP.

Enhanced parking management.

A condition of approval will require the property owner to develop a Parking Management Plan that will prohibit more than two cars per unit and will prohibit tenants from garage storage that limits the ability to park two cars. It will be mandatory to put these requirements in every lease. The property owner will be required to monitor and manage the parking in perpetuity.

3. *Appropriate standards and conditions have been imposed to ensure the protection of the public health, safety, and welfare.*

The imposed conditions of approval require that the project exhibits all the qualities of that are included in the project plans and the proposed amendment and development with promote and enhance the public interest, health, safety, convenience, and welfare of the City.

4. *Appropriate on-site circulation (e.g., pedestrian and vehicular) and traffic control is designed into the development to ensure facilities equal to or better than what would normally be created by compliance with the minimum setback and parcel width standards specified in Article 2 (Zones, Allowable Uses, and Development Standards).*

The proposed development provides adequate on and off site circulation. The streets and driveways are adequate to accommodate all circulation created by the project. In

addition, a complete traffic analysis has been conducted as a part of the EIR with not negative impacts created.

5. *The subject parcel is adequate in terms of size, shape, topography, and circumstances to accommodate the proposed development.*

The 13-acre property is adequate to accommodate the proposed development. The park is a similar size to the existing park but off street parking is provided and the residential development parcel is adequate to accommodate the proposed townhome development with the proposed density of approximately 24 dwelling units per acre, well within the allowable density of the R-4 zoning district.

6. *Adequate public services and facilities exist, or will be provided, in compliance with the conditions of approval, to serve the proposed development and the approval of the proposed development will not result in a reduction of public services to properties in the vicinity to be a detriment to public health, safety, and general welfare.*

The development has adequate public services and there will be no reduction in public service that results as a result of the proposed development. Additional park amenities will be added, in addition to this public art will be added as part of the development.

7. *The proposed development, as conditioned, will not have a substantial adverse effect on surrounding property or their allowed use.*

The proposed development will create a positive impact on the surrounding properties. The preservation and improvement of Otis Gordon Park, including adding parking will be positive. In addition, the design quality of the proposed development will create a significant upgrade to the neighborhood. The design elements and other aspects of the project will help to create a compatible development that will bring an upgrade.

8. *If the development proposes to mix residential and commercial uses whether done in a vertical or horizontal manner, the residential use is designed in a manner that it is appropriately buffered from the commercial use and is provided sufficiently enhanced amenities to create a comfortable and healthy residential environment and to provide a positive quality of life for the residents. The enhanced amenities may include additional landscaping, additional common and private open space, private or separated entrances, etc.*

The proposed development does not include a mix of residential and commercial uses, but it does propose a horizontal mix of residential and park uses. The residential use has been designed to blend well with the park use with 15 units facing directly on to the park and the entire development having two, gated, access points to the park. The exceptional design of the residential portion created a positive impact on the park.

9. *The design, location, operating characteristics, and size of the proposed development will be compatible with the existing and future land uses in the vicinity in terms of aesthetic values, character, and scale.*

The proposed development exhibits a quality of design that the City desires to promote at all locations. In addition to the exceptional building design, the development also includes a requirement for moderate-income affordable housing that will be integrated into the development. There are also other project amenities that will help to create a quality development. So there will be internal compatibility and also compatibility with the neighborhood and the community.

SECTION 3. CONDITIONS OF APPROVAL

This approval is subject to the conditions of approval attached in Exhibit A.

SECTION 4. SIGNATURE

The City Clerk is hereby authorized and directed to certify as to the adoption of this Resolution.

PASSED AND ADOPTED this 23rd day of September 2025.

Cesar Garcia, Mayor
City of Duarte

APPROVED AS TO FORM:

Thai Viet Phan
City Attorney

ATTEST:

Frances Jimenez
City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF DUARTE)

I, Frances Jimenez, City Clerk of the City of Duarte, County of Los Angeles, State of California, hereby attest to the above signature and certify that Resolution No. 25-23 was adopted by the City Council of said City of Duarte at a regular meeting of said Council held on the 23rd day of September, 2025, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frances Jimenez
City Clerk

EXHIBIT A
Conditions of Approval

Related to SPDR 25-19

1. The approval of this Planned Development permit requires that the development meet all conditions of SPDR 25-19, as approved by the Community Development Department.