Members of the public may address the City Council on any item shown on the agenda or matter of the Council's authority after completion of "Request to Address the Council Form" available in the lobby of the Council Chambers or in the City Clerk's office. This form must be completed 15 minutes prior to the scheduled meeting time. Pursuant to Section 54957.5 of the California Government Code, Any writings (Except for those writings which are exempt from disclosure) which are distributed to all or a majority of the members of the City Council are available for public inspection in the lobby of the City Council Chambers and in the office of the City Clerk during regular business hours.

COMPTON CITY COUNCIL
AGENDA

07/15/2025

5:30 PM – PUBLIC MEETING

205 S. WILLOWBROOK AVE
COMPTON, CA 90220

OPENING

ROLL CALL

MOMENT OF SILENCE

PLEDGE OF ALLEGIANCE

PRESENTATIONS

1. CERTIFICATE PRESENTATION - BRANDON GRAY (Mayor Emma Sharif)

PUBLIC COMMENTS ON AGENDA ITEMS AND NON-AGENDA MATTERS

CONSENT AGENDA

Consent items are routine and expected to be non-controversial. They will be acted upon by the Council at one time without discussion unless a Council Member requests an item be removed or discussed..

APPROVAL OF MINUTES

2. MAY 6, 2025

CITY CONTROLLER

3. AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COMPTON LEVYING A MUNICIPAL TAX RATE FOR THE FISCAL YEAR 2025-2026

PUBLIC WORKS DEPARTMENT

4. A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE 2025 SEWER MASTER PLAN AND DIRECTING STAFF TO IMPLEMENT ITS RECOMMENDATIONS

5. A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON APPROVING THE SANITARY SEWER MANAGEMENT PLAN IN COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD ORDER NO. 2022-0103-DWQ

REGULAR AGENDA

NEW BUSINESS

6. A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GREENFIELDS OUTDOOR FITNESS INC., TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GREENFIELDS OUTDOOR FITNESS INC., AND ESTABLISH A PURCHASE ORDER FOR THE WILSON PARK OUTDOOR FITNESS EQUIPMENT REPLACEMENT PROJECT FOR THE AMOUNT OF $277,961.44

7. A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GAMETIME C/O GREAT WESTERN RECREATION, TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GAMETIME C/O GREAT WESTERN RECREATION, AND ESTABLISH A PURCHASE ORDER FOR THE TRAGNIEW PARK PLAYGROUND EQUIPMENT AND BASKETBALL COURT REPLACEMENT PROJECT FOR THE AMOUNT OF $340,514.11

COUNCIL COMMENTS

ADJOURNMENT

NEXT REGULAR MEETING: 7/22/2025 5:30 PM

Visit our website at http://www.comptoncity.org

Brandon Gray

Brandon Gray, a Compton native, has had a unique journey in the fashion world. Right out of high school, he spent eight years in the military. After graduating from California State Dominguez Hills, he started a successful banking career in Washington D.C.

Brandon eventually decided to quit his position as a Branch Manager and purchased a one-way ticket to Paris. There, he was trained by the best and became the now most sought-after and featured designer in the Hollywood scene.

In 2017, Brandon's male label, Grayscale, became the most visually appealing label for LA's A-list. Actors, athletes, and artists lit up red carpets, elite social events, and photoshoots throughout L.A. and beyond wearing his designs.

After many requests from women, Brandon rebranded Grayscale to GRAY in 2023 to include womenswear, focusing on pinpoint tailoring, color, and inspired prints.

Actors and music artists such as Tyler Perry, Taraji P. Henson, Ms. Tina Knowles, Morris Chestnut, Colman Domingo, Jermaine Dupri, Jacob Latimore, Sterling K. Brown, Omarion, Jonathan Majors, MYA, and many more have been seen on the red carpet of every major award show styled by Brandon in his custom GRAY line.

Brandon was most recently invited to grace the blue carpet at the 2025 Met Gala, where he not only styled Tyler Perry in full custom GRAY but also paid tribute to Dapper Dan in his own custom GRAY.

MAY 6, 2025

The Compton City Council meeting was called to order at 5:34 p.m. by Mayor Emma Sharif in the Council Chambers of City Hall. The Moment of Silence and Pledge of Allegiance Ceremonies were also led by Mayor Emma Sharif.

ROLL CALL

Council Members Present: **D. Duhart, A. Spicer, J. Bowers, L. Darden, Mayor E. Sharif**
Council Members Absent: **None**

Other Officials Present: **B. Mims, W. Hopkins Jr., S. Zurita, E. Perrodin**
Other Officials Absent: **None**

PRESENTATIONS

1. **PROCLAMATION FOR PROFESSIONAL MUNICIPAL CLERKS WEEK – Mayor Sharif**

Mayor Sharif presented a certificate of recognition to City Clerk Zurita, recognizing the week of May 4-10, 2025, as Professional Municipal Clerks Week on behalf of the City Council and citizens of Compton.

Councilmember Duhart presented a certificate of recognition to City Clerk Zurita, recognizing the week of May 4-10, 2025, as Professional Municipal Clerks Week on behalf of Congresswoman Maxine Waters.

Councilmember Spicer presented a certificate of recognition to City Clerk Zurita, recognizing the week of May 4-10, 2025, as Professional Municipal Clerks Week on behalf of Los Angeles Board of Supervisors, Holly J. Mitchell.

Deon Arnold, Field Representative for State Assemblymember Mike Gipson, presented a certificate of recognition to City Clerk Zurita, recognizing the week of May 4-10, 2025, as Professional Municipal Clerks Week on behalf of State Assemblymember Gipson.

City Clerk Zurita acknowledged her colleagues, Jeannie Coco and Maria Quinonez for their support. City Clerk Zurita invited the community to participate in a behind the counter event in the City Clerk's Office on May 14 from 3:00 p.m. to 5:00 p.m.

PUBLIC COMMENTS ON AGENDA ITEMS AND NON-AGENDA MATTERS

Joseph Gordon expressed his frustration with high-speed traffic on his street, noting that it made the area unsafe for children and contributed to property damage from reckless driving. He called for action against the lack of police enforcement to address these issues in Compton.

Rodney Lister requested assistance in following up with the Public Works Department regarding unfulfilled street sweeping services. He pointed out that the newly improved areas warranted better maintenance, especially given that they now designate a no-parking zone for street sweeping.

Gilda Blueford addressed the absence of Sunny Soltani, (Aleshire & Wynder, LLP) on the agenda and sought clarification on her role as chief counsel for the City Council. She expressed concern over Ms. Soltani's demands, which she felt conflicted with the authority outlined in Section 702 of the City Charter regarding collaboration with the City Manager. She welcomed the City Attorney back and questioned the rates mentioned by Ms. Soltani for legal services.

Lynn Boone accused the city manager of plotting against the city attorney. She cited her initial support for the city manager and then her decision to later reject him. She raised questions regarding the trips taken by council members and emphasized the need for transparency in how public funds are spent.

Tanya Lewis expressed her dissatisfaction with the return of the city attorney, noting past criticisms of him. She questioned his presence and demanded an explanation for his role in the City.

Mark Smith highlighted issues in his neighborhood such as parking difficulties, where visitors face challenges due to double parking. He also addressed inconsistencies with his water bill credit and questioned the need to visit the Water Department for clarification. He called for the removal of graffiti and requested a report back to the community concerning the City Council's Indian Well's trip.

Vanessa Cain suggested a complete overhaul of City Hall employees to ensure that only necessary personnel remain. She also urged action against illegal construction in residential areas and recommended that citations be issued to non-compliant property owners.

Humberto requested a reduction in the water rates for property owners. He also requested the City Council's support to build a homeless shelter in District 2.

Irvin discussed his experiences with riding his bike along Compton Creek. He inquired about the reasoning for a concrete barrier in a seemingly safe area and suggested beautification efforts around abandoned train tracks. He spoke in opposition to the City's plans for class two bike lanes on Compton Blvd. and urged the City Council to consider class one or class four bike lanes for safer biking infrastructure in the City.

Sarah Lujan, Children's Services at Compton Library, announced that May marks Mental Health Awareness Month and the celebration of Asian Pacific Heritage Month. She detailed various free programs available for babies, early learners, children, teens, and adults, including computer classes aimed at enhancing digital literacy.

Jamade raised concerns about the prevalence of graffiti and gang-related issues in his neighborhood. He urged the Public Works Department to promptly remove graffiti and emphasized the need for law enforcement to act against gang activities.

Missy Barbara credited Marcus from the Public Works Department for his initiative to improve traffic safety. She questioned the financial contributions of events held at Dollarhide and criticized the cleanliness of the facility after events. She called for the removal of the trash bill from property taxes and suggested finding a new service provider for street sweeping services.

Fidel Marquez addressed the City Council regarding lease revenue bonds and the potential for tax increases. He also criticized the City Council for not effectively collaborating with the city attorney and requested clarification on voting and reasons for abstentions from council members.

City Manager Hopkins Jr. informed Mr. Lister that Mr. Harris, Interim Street Superintendent, will reach out to him. He reiterated his commitment to the City's success and expressed immense pride in their accomplishments.

Captain Bell, Compton Sheriff's Station, expressed his appreciation for the opportunity to serve as captain in the City of Compton. He reassured the City Council that he would continue to have a strong connection to Compton even as the division commander at the Hall of Justice in Los Angeles. He introduced Lieutenant Collins as acting captain until a new captain is appointed.

Mayor Sharif and City Council recognized Captain Bell for his dedication to serving the Compton community as well as his efforts to improve the hiring process at Compton Sheriff's Station.

CONSENT AGENDA

On motion by Duhart, seconded by Darden, the Consent Agenda was approved by the following vote on roll call:

AYES: **Council Members – Duhart, Spicer, Bowers, Darden, Sharif**
NOES: **Council Members – None**
ABSENT: **Council Members – None**

APPROVAL OF MINUTES

2. FEBRUARY 11, 2025 **(Approved)**

PUBLIC WORKS DEPARTMENT

3. A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ADOPTING A LIST OF PROJECTS FOR FISCAL YEAR 2025-2026 FUNDED BY SB1 PURSUANT TO THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017 **(Resolution 26,241)**

Councilmember Darden requested clarification regarding the safety categories of class one and class four bike lanes.

John Strickland, Public Works Director, explained that class two bike lanes are being installed due to parking loss. He stated that class two bike lanes provide safer separation from vehicle traffic, which is especially needed given the narrowness of certain streets.

Mayor Sharif inquired about class three bike lanes, to which Mr. Strickland explained that they are shared lanes for both vehicles and bicycles.

Councilmember Duhart referenced the comments about a concrete barrier along the Compton Creek.

Mr. Strickland clarified that the barrier is there due to issues with unhoused individuals camping along the Compton Creek bike path.

Councilmember Darden thanked Mr. Strickland for the clarification and emphasized the importance of bicyclist safety.

REGULAR AGENDA

CITY MANAGER'S REPORT

4. REQUEST TO AUTHORIZE TRAVEL FOR ELECTED OFFICIALS – INDIAN WELLS, CA ON MAY 15, 2025 – MAY 18, 2025

Councilmember Duhart raised the issue of Compton lacking a City flag for conference events.

City Manager Hopkins Jr. confirmed that flags have been ordered and that at least two are available for presentations.

Councilmember Duhart requested a flag for an upcoming event.

Councilmember Bowers noted that the flag should be submitted by May 9.

Mayor Sharif added that the League of California Cities also requires a flag.

On motion by Duhart, seconded by Spicer, the request to travel was approved by the following vote on roll call:

AYES: Council Members – Duhart, Spicer, Bowers, Darden, Sharif
NOES: Council Members – None
ABSENT: Council Members – None

Councilmember Darden requested a motion to reconsider the approval of a subsequent need item on April 22, 2025, and to place the item on the May 13 agenda due to allegations regarding a potential violation of the Brown Act.

Mayor Sharif asked the city manager to place the item on the agenda.

COUNCIL COMMENTS

Councilmember Duhart offered the following communications/announcements:

- Councilmember Duhart acknowledged the month of May, as Mental Health Awareness Month.

- Councilmember Duhart announced a Special Baby Shower for expecting parents and families with children under 2 years old on May 31st at 10121 S. Vermont Ave. from 11:00 a.m. to 3:00 p.m.

- Councilmember Duhart reported on the success of the Paper Shredding & E-Waste Collection event hosted at Gonzalez Park.

- On May 9, Councilmember Duhart will partner with Councilmember Darden for a heart-felt Mother's Day Brunch to honor and celebrate the amazing mothers of Compton. This event will be held from 11:00am to 1:00pm at Dollarhide.

- On May 9, Miss Compton, Tatiana Jackson, will host FutureFest from 10:00 a.m. to 2:30 p.m. at Neighborhood Housing Services. This event aims to empower young people with tools for success, offering college and career guidance, resume workshops, interview preparation, and a dynamic panel of speakers, with refreshments provided. For more details, inquiries can be directed to info@futurewealthyminorities.org.

- Councilmember Duhart extended her condolences to Compton Community College Trustee Barbara Calhoun, who recently lost two family members. Councilmember Duhart also shared information about Grocery Outlet owner Eugene Bennett's services, scheduled for May 13 at Greater Zion Church Family.

- In closing, Councilmember Duhart reminded everyone to eat, shop, and buy in Compton, a safe, clean, and friendly City.

Councilmember Spicer offered the following communications/announcements:

- Councilmember Spicer requested an update on a speeding assessment conducted on Compton Boulevard and Alondra Blvd., specifically between Santa Fe Ave. and Long Beach Blvd., Central Ave. and Wilmington Ave. Additionally, Councilmember Spicer called for a review of the animal control contract due to complaints regarding stray animals in the area.

- Councilmember Spicer highlighted a recent event he hosted at Dollarhide, titled “Breaking Barriers,” which aimed to provide expungement clinics, housing resources, and job resources. Councilmember Spicer reported that 150 new expungements were initiated, raising the total to 600 residents in Compton who are on their way to having their criminal records expunged.

- On May 8, Councilmember Spicer will host a Mother's Day Celebration at Dollarhide from 1:00 p.m. to 4:00 p.m.

- Councilmember Spicer recounted a recent reproductive health session conducted in partnership with Mr. Riza Islam and his team, aimed at educating the community on various health services.

- Councilmember Spicer recognized WERC for donating their time and staff to providing an eight-week job training course for residents.

- Councilmember Spicer noted an increase in homeless encampments along the Alondra train tracks and under the Rosecrans bridge.

- On May 30, Councilmember Spicer and Councilmember Duhart will host a Senior Citizens Prom from 3:00 p.m. to 7:00 p.m. at Dollarhide. The event will provide food, music, and massage services for attendees. Councilmember Spicer encouraged interested seniors to reach out to their offices for travel arrangements.

Councilmember Bowers offered the following communications/announcements:

- Councilmember Bowers honored the memory of Grocery Store Outlet owner Eugene Bennett.

- Councilmember Bowers expressed his gratitude to Local Chapter of Delta Sigma Sorority and US Bank for hosting the Youth Financial Literacy Summit on April 26. The event provided young participants and their parents with valuable lessons in budgeting, credit management, debt management, and financial goal setting.

- Councilmember Bowers announced that he attended the graduation for Miracle Young Adult Entrepreneur Program students at the Entrepreneur Educational Center, Inc. (ECI), where students completed 100 hours of training over nine weeks, preparing them to launch small businesses in Watts, Compton, Gardena, and beyond. Councilmember Bowers encouraged the public to contact ECI at 323-757-7506 for information about their various free business and educational programs.

- Councilmember Bowers announced that his office is working with the City Manager's office to schedule the State of the City Address to address ongoing misconceptions at City Council meetings.

Councilmember Darden offered the following communications/announcements:

- Councilmember Darden attended the graduation program for Restoration Diversion Services participants on April 25, celebrating the positive achievements of eight women who have taken significant steps to escape human trafficking.

- On May 3, Councilmember Darden hosted the District 4 Quarterly Town Hall meeting at Kelly Park.

- Councilmember Darden also attended the retirement and birthday celebration on May 2 for former City Clerk Vernell McDaniel at VFW Post 5394.

- Councilmember Darden reminded residents that Republic Services allows for the disposal of six items per quarter with a 48-hour notice at 800-299-4898.

- Councilmember Darden announced a Ribbon-Cutting Ceremony for the new Compton High School on May 22 starting at 10:00 a.m. RSVP required by May 8.

- In closing, Councilmember Darden acknowledged the passing of Rita Belford’s brother, Gary Hudson.

Mayor Sharif offered the following communications/announcements:

- Mayor Sharif highlighted the grand opening of Willow Tree, a new permanent supportive housing development in Compton that transformed a former motel into a facility with 100 units. This project was realized through collaboration among various local and state agencies.

- On April 25, Mayor Sharif hosted the Annual Senior Spring Brunch at Dollarhide, which saw an impressive turnout of 200 seniors enjoying an afternoon filled with food, dancing, and bingo.

- Mayor Sharif mentioned attending the SCAG Regional Conference Assembly on April 30 and May 2, where she participated in discussions regarding pressing regional issues and opportunities for collaboration for a stronger future.

- On May 2, Mayor Sharif hosted the Annual Mayor's Clergy Breakfast, which brought together over 70 clergy members to foster unity within the community, with Councilmembers Duhart and City Clerk Zurita also in attendance.

- Mayor Sharif announced that she attended multiple events, including Councilmember Duhart's free drive-thru e-waste event, which had a great turnout. Councilmember Darden's Quarterly Town Hall meeting, where community members engaged with questions and received valuable information. Mayor Sharif also mentioned attending the celebration of Martha Tucker's 90th birthday.

- Mayor Sharif encouraged the community to attend the Founders Day Celebration on May 31 in front of the Martin Luther King, Jr. monument from 12:00 p.m. to 3:00 p.m. This event will be co-hosted by the Compton 125 Historical Society to celebrate Compton's 137th birthday. Attendees can look forward to live music, entertainment, storytelling, and community fun. For more information, residents are encouraged to call 213-399-2325.

- In closing, Mayor Sharif recognized the audience members for their insights and emphasized the importance of collaboration and progress.

ADJOURNMENT

On motion by Duhart, seconded by Darden, the meeting was adjourned at 6:59 p.m. by the following vote on roll call:

AYES: **Council Members – Duhart, Bowers, Darden, Sharif**
NOES: **Council Members – None**
ABSENT: **Council Members – Spicer**

SATRA ZURITA	**EMMA SHARIF**
CITY CLERK OF THE CITY OF COMPTON	**MAYOR OF THE CITY OF COMPTON**

July 15, 2025

TO: **HONORABLE MAYOR AND CITY COUNCIL MEMBERS**

FROM: **CITY CONTROLLER**

SUBJECT: **AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COMPTON LEVYING A MUNICIPAL TAX RATE FOR THE FISCAL YEAR 2025-2026**

SUMMARY

The purpose of this Ordinance is to authorize the levy of the assessed valuation municipal tax rate for Fiscal Year 2025-2026.

BACKGROUND

The City has levied a municipal tax (parcel tax) for many years in line with Section 1402, 1600 and 1601 of the City Charter to pay for the City's obligations under the Employees' Retirement Plan managed by the California Public Employees' Retirement System (CalPERS). The municipal tax is collected by the Los Angeles County Auditor-Controller on behalf of the City. The Los Angeles County Auditor-Controller has based assessed values at market values and it is necessary to set the municipal tax at a rate based on market value. The tax rate will remain at 0.439147, the same as the prior fiscal year.

STATEMENT OF ISSUE

The Los Angeles County Auditor-Controller requires that the municipal tax rate ordinance be passed each year by the City Council even though the municipal tax rate remains unchanged. This agenda item is required to comply with the County requirements.

FISCAL IMPACT

The passing of the attached Ordinance will ensure that the City's retirement fund continues to receive the municipal parcel tax revenues in line with the requirements of the City Charter for the purposes stipulated by the Charter. The municipal parcel tax generates approximately $35 million per year.

ALTERNATIVE

The City's General Fund would have to pay the cost of the retirement obligations resulting in severe financial consequences to other City programs and services.

RECOMMENDATION

Staff recommends that the City Council adopt the attached Ordinance.

SHARON RAHBAN NAVIZADEH,
CITY CONTROLLER

APPROVED FOR FORWARDING:

WILLIE A. HOPKINS JR.
CITY MANAGER

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COMPTON LEVYING A MUNICIPAL TAX RATE FOR THE FISCAL YEAR 2025-2026

WHEREAS, the City has levied a municipal tax (parcel tax) for many years in line with Section 1402, 1600, and 1601 of the City Charter to pay for the City's obligations under the Employees' Retirement Plan managed by the California Public Employees' Retirement System (CalPERS); and

WHEREAS, the municipal tax is collected by the Los Angeles County Auditor-Controller on behalf of the City; and

WHEREAS, the Los Angeles County Auditor-Controller has based assessed rates at market values and it is necessary to set the municipal tax at rate based on market value; and

WHEREAS, it is required that the City certify the municipal tax rate every year.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY ORDAIN AS FOLLOWS:

Section 1. That there is hereby levied a municipal tax upon the equalized assessment of the taxable property in the City of Compton at a market valuation of the following rates (per cent):

Taxation District #1……0.439147

(Old City of Compton, Annexations 1 to 3 inc; 5 to 10 inc; 13 to 32 inc; 106, 107 111 to 122 inc; 125 to 133 inc; 136 to 139 inc; 141 to 143 inc; 145, 147, 149, 151, 152, 153A, 155, 158, 159, 160, 161, 163, 164, 168, 172A, 173B)

Rosecrans Redevelopment Project……0.439147

Walnut Industrial Redevelopment Project……0.439147

Section 2. That said rate is made up as follow:

Employment Retirement (Debt Service)…… 0.439147

Section 3. That the City Clerk shall certify to the adoption of this Ordinance by the City Council and shall cause this Ordinance to be published as required by law.

Section 4. That pursuant to Section 611 of the Compton Charter, this Ordinance shall take effect upon adoption of the City Council.

Section 5. That the Mayor shall sign and the City Clerk shall attest to the adoption of this Ordinance.

ADOPTED this _____ day of _____, 2025.

_____
EMMA SHARIF
MAYOR OF THE CITY OF COMPTON

ATTEST:

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF COMPTON)

I, Satra D. Zurita, City Clerk of the City of Compton, hereby certify that the foregoing Ordinance was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the City Clerk at a regular meeting thereof held on this _____ day of _____, 2025.

That said Ordinance was adopted by the following vote, to wit:

AYES: COUNCILMEMBERS-
NOES: COUNCILMEMBERS-
ABSTAIN: COUNCILMEMBERS-
ABSENT: COUNCILMEMBERS-

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

ORDINANCE NO. 2,360

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COMPTON LEVYING A MUNICIPAL TAX RATE FOR THE FISCAL YEAR 2024-2025

WHEREAS, the City has levied a municipal tax (parcel tax) for many years in line with Section 1402, 1600, and 1601 of the City Charter to pay for the City's obligations under the Employees' Retirement Plan managed by the California Public Employees' Retirement System (CalPERS); and

WHEREAS, the municipal tax is collected by the Los Angeles County Auditor-Controller on behalf of the City; and

WHEREAS, the Los Angeles County Auditor-Controller has based assessed rates at market values and it is necessary to set the municipal tax at rate based on market value; and

WHEREAS, it is required that the City certify the municipal tax rate every year.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY ORDAIN AS FOLLOWS:

Section 1. That there is hereby levied a municipal tax upon the equalized assessment of the taxable property in the City of Compton at a market valuation of the following rates (per cent):

Taxation District #1.....0.446484,

(Old City of Compton, Annexations 1 to 3 inc; 5 to 10 inc; 13 to 32 inc; 106, 107 111 to 122 inc; 125 to 133 inc; 136 to 139 inc; 141 to 143 inc; 145, 147, 149, 151, 152, 153A, 155, 158, 159, 160, 161, 163, 164, 168, 172A, 173B)

Rosecrans Redevelopment Project.....0.446484,

Walnut Industrial Redevelopment Project.....0.446484,

Section 2. That said rate is made up as follow:

Employment Retirement (Debt Service).....0.446484,

Section 3. That the City Clerk shall certify to the adoption of this Ordinance by the City Council and shall cause this Ordinance to be published as required by law.

Section 4. That pursuant to Section 611 of the Compton Charter, this Ordinance shall take effect upon adoption of the City Council.

Section 5. That the Mayor shall sign and the City Clerk shall attest to the adoption of this Ordinance.

ADOPTED this 23rd day of JULY, 2024.

MAYOR OF THE CITY OF COMPTON

ATTEST:

CITY OF COMPTON INCORPORATED MAY A. D. 1888 CALIFORNIA

CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF COMPTON)

I, Vernell McDaniel, City Clerk of the City of Compton, hereby certify that the foregoing Ordinance was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the City Clerk at a regular meeting thereof held on this 23rd day of JULY, 2024.

That said Ordinance was adopted by the following vote, to wit:

AYES: **COUNCILMEMBERS-** DUHART, SPICER, BOWERS, DARDEN, SHARIF
NOES: **COUNCILMEMBERS-** NONE
ABSTAIN: **COUNCILMEMBERS-** NONE
ABSENT: **COUNCILMEMBERS-** NONE

CITY OF COMPTON INCORPORATED MAY A. D. 1888 CALIFORNIA

CITY CLERK OF THE CITY OF COMPTON

July 15, 2025

TO: **HONORABLE MAYOR AND CITY COUNCIL MEMBERS**

FROM: **CITY MANAGER**

SUBJECT: **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE 2025 SEWER MASTER PLAN AND DIRECTING STAFF TO INCORPORATE ITS RECOMMENDATIONS INTO FUTURE INFRASTRUCTURE PLANNING**

SUMMARY

This resolution formally accepts the 2025 Sewer Master Plan and authorizes staff to use its recommendations as a guiding document for planning future sewer infrastructure improvements. Acceptance of the plan does not authorize funding or implementation of individual projects at this time.

BACKGROUND

In 2023, the City of Compton launched the development of a comprehensive Sewer Master Plan to assess the condition and performance of its wastewater collection system. The plan was developed in response to aging infrastructure, increasing regulatory requirements, and the need to support ongoing and future development within the City.

The plan provides a comprehensive evaluation of the City's existing sewer infrastructure and outlines a strategic roadmap for future improvements to ensure system reliability, regulatory compliance, and capacity for future growth.

The planning process included field manhole surveys, pipeline condition assessments, development of a Phase 1 sewer hydraulic model, capacity evaluations, identification of deficiencies and rehabilitation needs, updated cost estimates for required consent judgment projects, and a prioritized Capital Improvement Program (CIP).

STATEMENT OF ISSUE

The Sewer Master Plan identifies and prioritizes short-, mid-, and long-term investments in the City's sewer infrastructure. It supports environmental sustainability, regulatory compliance, and efficient service delivery, while aligning with the City's General Plan and regional planning goals. Key recommendations are to:

- Replace and rehabilitate aging sewer mains
- Resolve a localized capacity deficiency
- Implement a citywide sewer survey and GIS digitization initiative
- Invest in system improvements over a 10-year planning horizon

ALTERNATIVE

Staff is not recommending any alternatives at this time, as the Sewer Master Plan serves as a non-binding planning document and does not commit the City to any specific course of action.

FISCAL IMPACT

There is no direct fiscal impact associated with the acceptance of the Sewer Master Plan. Future projects identified in the plan will be brought forward individually for Council consideration and funding approval during the annual budget cycle or as part of the Capital Improvement Program (CIP) process.

RECOMMENDATION

Staff recommends that the City Council adopt the attached resolution accepting the completed Sewer Master Plan and directing staff to incorporate its recommendations into future planning, project development, and infrastructure investment efforts.

JACK GONG, P.E., S.E., PMP
CITY ENGINEER

APPROVED FOR FORWARDING:

WILLE A. HOPKINS, JR.
CITY MANAGER

RESOLUTION NO._____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE 2025 SEWER MASTER PLAN AND DIRECTING STAFF TO INCORPORATE ITS RECOMMENDATIONS INTO FUTURE INFRASTRUCTURE PLANNING

WHEREAS, the City of Compton recognizes the importance of maintaining and improving its wastewater infrastructure to protect public health, ensure environmental stewardship, and support future growth; and

WHEREAS, the City Council authorized the preparation of a comprehensive Sewer Master Plan to assess the condition, capacity, and long-term needs of the City's sewer collection system; and

WHEREAS, the Sewer Master Plan was prepared by Dudek in accordance with applicable industry standards and regulatory requirements; and

WHEREAS, the Sewer Master Plan includes detailed assessments, hydraulic modeling, capital improvement recommendations, and prioritization of projects to guide the City's sewer infrastructure investments over the next 10 years; and

WHEREAS, the Sewer Master Plan does not commit the City to any specific project or expenditure, but serves as a strategic planning tool to guide future infrastructure investments; and

WHEREAS, the City Council has reviewed the final Sewer Master Plan and finds it to be consistent with the City's General Plan and other adopted infrastructure and sustainability goals;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. The City Council hereby accepts the completed Sewer Master Plan dated June 2025 as a guiding document for the planning, prioritizing, and developing sewer system improvements, subject to future funding and Council approval.

SECTION 2. The City Council directs City staff to incorporate the recommendations of the Sewer Master Plan into the City's Capital Improvement Program (CIP) and to identify and pursue grant opportunities, partnerships, and other funding sources for future project implementation.

SECTION 3. The City Council further directs staff to periodically review and update the Sewer Master Plan as needed to reflect changes in land use, development patterns, regulatory requirements, and system performance.

SECTION 4. The City Clerk shall file copies of this Resolution with the offices of the City Manager, City Controller, City Clerk, City Attorney and the Public Works Engineering Department.

SECTION 5. The Mayor shall sign and the City Clerk shall attest to the adoption of this Resolution.

SECTION 6. The City Council encourages staff to make the 2025 Sewer Master Plan available to the public through the City's website and community outreach materials.

ADOPTED this _____ day of _____, 2025.

_____
EMMA SHARIF
MAYOR OF THE CITY OF COMPTON

ATTEST:

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF COMPTON: ss

I, Satra D. Zurita, City Clerk of the City of Compton, hereby certify that the foregoing Resolution was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the City Clerk, at a regular meeting thereof, held on the _____ day of _____, 2025.

That said Resolution was adopted by the following vote, to wit:

AYES: COUNCILMEMBERS-
NOES: COUNCILMEMBERS-
ABSTAIN: COUNCILMEMBERS-
ABSENT: COUNCILMEMBERS-

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

Sewer Master Plan Update

City of Compton

JUNE 2025

Prepared for:

CITY OF COMPTON
205 S. Willowbrook Avenue
Compton, California 90220
Contact: John Strickland, Project Manager

Prepared by:

DUDEK
605 Third Street
Encinitas, California 92024
Contact: Elizabeth Caliva, Project Manager

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A City of Compton Sewer Index Map (provided by City)
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C Pipeline Condition Assessment Data and Map
D Recommended CIP Project Cost Estimate Details

Acknowledgements

We appreciate the combined efforts of the entire project team in the development and preparation of this Sewer Master Plan Update. Our project team includes staff from the City of Compton and Dudek. The following individuals are respectfully and gratefully acknowledged for their contributions to the completion of this report:

City of Compton

Jack Gong, City Engineer
John D. Strickland, Project Manager
Marcus Harris, Interim Street Superintendent
Jose Garfias, Interim Water Department General Manager
Jessica Larkin, Senior Planner

Dudek

Russ Bergholz, P.E., Principal-in-Charge
Elizabeth Caliva, P.E., Project Manager
Zoey Wang, P.E., Senior Engineer
Jenny Li, P.E., Senior Engineer
Shannon Brown, P.E., Senior Engineer
Katerina Jowid, Project Engineer

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
afy	acre-feet per year
ac	acre
ADWF	average dry weather flow
CIP	Capital Improvement Program
City	City of Compton
d/D	depth to diameter ratio
du or DU	dwelling unit
GIS	Geographic Information System
gpd	gallons per day
gpd/acre	gallons per day per acre
gpd/DU	gallons per day per dwelling unit
HP	horsepower
i.e.	that is
I/I	inflow and infiltration
LF	Lineal feet
MGD	million gallons per day
PDWF	peak dry weather flow
PVC	polyvinyl chloride
PWWF	peak wet weather flow
RCP	reinforced concrete pipe
SSMP	Sewer System Management Plan
SSO	sanitary sewer overflow
UNK	unknown
VCP	vitrified clay pipe
WDR	Waste Discharge Requirements

Executive Summary

This Executive Summary provides highlights from the Sewer Master Plan report, summarizing the key findings and recommendations of each section. The Executive Summary consists of the following sections:

- Key Project Objectives
- Service Area and System Overview
- Future Flow Projections
- Collection System Hydraulic Model Development and Calibration
- Collection System Capacity Analysis
- Capital Improvement Program (CIP) Recommendations

ES-1 Key Project Objectives

In January 2023, the City of Compton (City) retained Dudek to prepare the City's citywide sewer collection system master plan. The goal of this project was to develop a basic understanding of the sewer collection system needs, both existing and future, and establish a management plan that supports those needs. At the time, the City did not have any previous model nor any GIS for the sewer collection system. As a result, Dudek proposed a multi-phase approach for the City to start to survey and build the sewer GIS. 100 manholes were surveyed in 2023, which covered the extent of this Phase 1 effort.

The 2025 Sewer Master Plan Update addresses the following key objectives:

1. Review and summarize available historical data relating to the City's existing sewer system, including the 2008 Master Sewer Study.
2. Survey the existing invert elevations of approximately 100 manholes located throughout the City's sewer system. Manholes were strategically selected based on their locations within major sewersheds using an index map provided by the City, included in **Appendix A**.
3. Create a hydraulic sewer model using invert data collected during field survey of the City's manholes. This model will be referred to as the initial phase, or Phase I, of the City's new sewer system model. The City should continue to develop and update the model as part of future planning efforts.
4. Conduct sewer flow monitoring at six (6) locations within the City's sewer system to develop dry weather flow patterns used in the hydraulic modeling.
5. Perform capacity analysis on the Phase 1 model developed for this project and develop improvement recommendations for any capacity deficiencies identified.
6. Perform condition assessment on all pipelines with PACP scores of 4 and 5 and develop rehabilitation recommendations.
7. Develop a list of recommended Capital Improvement Program (CIP) project recommendations for the City's sewer collection system.

ES-2 Service Area and System Overview

The City's existing sewer collection system includes gravity pipelines, inverted siphons, diversion manholes, and outfalls into the LACSD trunk sewer system. At the time of writing this Sewer Master Plan Update, information related to the City's existing collection system was not available in a digital format such as a GIS (Geographic Information System) database. As a result, much of the data provided herein was primarily based on the 2008 Master Sewer Study, supplemented with data from a 2023 manhole survey and additional material provided by City staff. The extent of the City's sewer service area is shown in **Figure ES.1**.

The City's sewer collection system comprises approximately 147 miles of gravity pipelines, with most pipes being 8 inches or smaller in diameter. The system, largely constructed between 1940 and 1959, predominantly uses vitrified clay pipe (VCP) material. The City operates an entirely gravity-based sewer system, with no lift stations or force mains. Sewer flows are conveyed to the LACSD trunk system via 101 outfalls and treated at the A.K. Warren Water Resource Facility before being discharged into the Pacific Ocean.

ES-3 Future Flow Projections

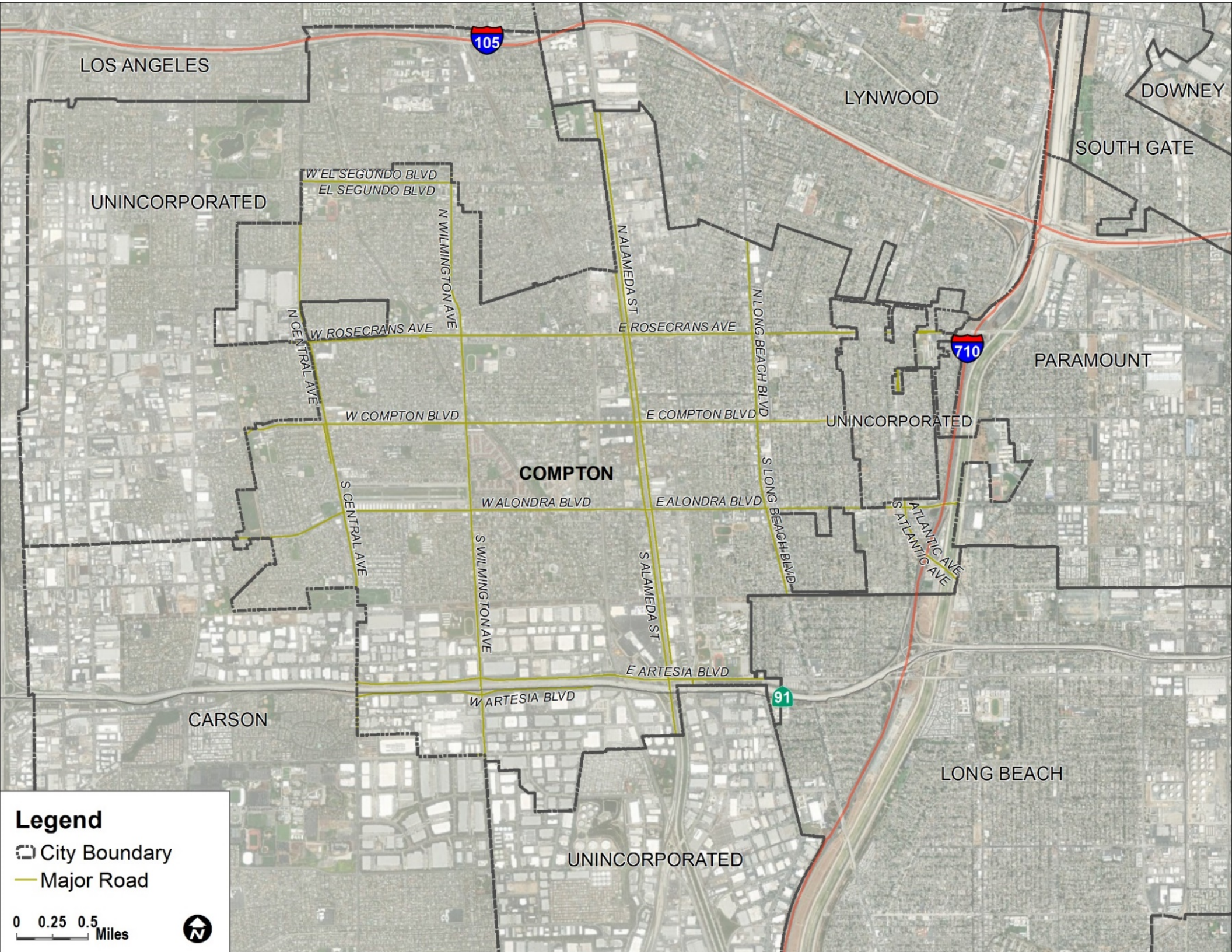
Chapter 3 of this Sewer Master Plan Update provides an analysis of existing and future dry weather flows within the City's service area. Flow monitoring data from 2023 was used to estimate current dry weather sewer flows for five sewer basins. Future system flows were projected based on population growth and planned developments.

Population Summary: The City's population was 98,447 in 2020, with a modest growth rate of 2% from 2010 to 2020. By 2045, the population is projected to reach 103,100, reflecting a 4.6% increase over 25 years. The Regional Housing Needs Allocation (RHNA) requires the City to accommodate 1,004 new dwelling units by 2029, anticipated to contribute to population growth within the city.

Existing Dry Weather Flows: The 2023 flow monitoring data provides partial estimates of current dry weather flows. The data indicates an average dry weather flow (ADWF) of 1.55 million gallons per day (MGD) and a peak dry weather flow (PDWF) of 2.13 MGD across monitored sewersheds. This data helps establish a baseline for understanding the system's capacity and planning future improvements.

Future Dry Weather Flows: Two future scenarios are considered: Near-Term (2030) and Ultimate (2045). The Near-Term scenario includes planned developments and the RHNA requirement, projecting an additional 0.041 MGD in ADWF. The Ultimate scenario applies a system-wide multiplier based on population growth, resulting in a total ADWF of 1.62 MGD by 2045. These projections help the City plan for infrastructure upgrades to accommodate future demand.

Unit Sewer Flow Generation Factors: Chapter 3 also develops unit generation factors for different land use types, using 2023 flow data and standards from comparable agencies. These factors are essential for estimating sewer flows from new developments and changes in land use, ensuring accurate planning and resource allocation.


LOS ANGELES
105
LYNWOOD
DOWNEY
SOUTH GATE
UNINCORPORATED
W EL SEGUNDO BLVD
EL SEGUNDO BLVD
N WILMINGTON AVE
N ALAMEDA ST
N LONG BEACH BLVD
N CENTRAL AVE
W ROSECRANS AVE
E ROSECRANS AVE
710
PARAMOUNT
W COMPTON BLVD
E COMPTON BLVD
UNINCORPORATED
COMPTON
S LONG BEACH BLVD
W ALONDRA BLVD
E ALONDRA BLVD
S ATLANTIC AVE
ATLANTIC AVE
S CENTRAL AVE
S WILMINGTON AVE
S ALAMEDA ST
E ARTESIA BLVD
W ARTESIA BLVD
91
CARSON
LONG BEACH
UNINCORPORATED
Legend
City Boundary
Major Road
0 0.25 0.5
Miles

ES-4 Collection System Hydraulic Model Development and Calibration

Chapter 4 of the Sewer Master Plan Update details the development and calibration of the City's new AquaTwin Sewer model. The model was constructed using data from a 2023 field survey of 100 representative manholes, which provided current invert elevations and pipe diameters. This data was essential for calibrating Phase I of the model to existing dry weather flows. The model, developed within a GIS-based software program, can be exported to a GIS database for future asset management.

2023 Flow Metering Program: A temporary flow monitoring program was implemented in 2023, featuring six strategically placed flow monitors to measure sewer flows within designated sewersheds. The data collected from these monitors was used to develop unique dry weather hourly time patterns for each sewershed, reflecting typical daily variations in sewer flow. The flow monitoring program revealed some discrepancies in the City's sewer index map and highlighted areas requiring further investigation. This flow metering data was used the calibrate Phase 1 of the hydraulic model using the AquaTwin Sewer program. This initial phase, or Phase I, of the model focuses on six sewersheds, although one (sewershed FM 05) was excluded due to zero flow measurements during the monitoring period.

Model Network Generation: The model network was developed using a combination of existing sewer maps, field survey data, and satellite imagery. The process faced challenges due to the lack of a GIS database and inconsistencies between field data and the City's sewer index map. Accurate invert elevations and pipeline diameters were collected for approximately 150 manholes, with interpolations made for intermediate manholes. The model was adjusted to reflect any observed discrepancies and improvements not recorded in the index map.

Flow Allocation and Calibration: Dry weather flows were allocated to the model based on average measured flows from the 2023 monitoring data. Residential sewersheds were calibrated using weekend flows, while commercial and industrial sewersheds used weekday flows. The model was calibrated to ensure that both average and peak dry weather flows were within 10% of the measured values. Wet weather flows were not directly calibrated due to the lack of significant storm data, but an artificial diurnal pattern was developed to simulate probable wet weather conditions. The calibration results showed a high degree of accuracy, with all sewersheds achieving less than 1% difference between modeled and measured flows.

ES-5 Collection System Capacity Analysis

Chapter 5 of the Sewer Master Plan Update presents a detailed analysis of the City's sewer system capacity under various conditions. The analysis used a newly created and calibrated sewer model to evaluate existing (2023), near-term (2030), and ultimate (2045) dry and wet weather flow scenarios. The results help identify potential capacity deficiencies and provide guidelines for future improvements.

Pipeline Design Criteria: The chapter establishes design criteria for sewer pipelines, including minimum diameters, velocities, and Manning's roughness coefficient. These criteria ensure that new and existing pipelines can handle peak dry weather flows (PDWF) and allow for potential wet weather flows. The criteria also include a maximum depth-to-diameter ratio (d/D) to prevent pipelines from flowing full, which could increase the risk of sanitary sewer spills.

Dry Weather Capacity Analysis: The capacity of the City's sewer system was analyzed under existing, near-term, and ultimate dry weather flow conditions. The analysis revealed that no City-owned gravity pipelines included in the Phase 1 hydraulic model are expected to exceed the deficiency criteria under existing, near-term or buildout dry weather conditions.

Wet Weather Capacity Analysis: The chapter also evaluates the sewer system's capacity under simulated wet weather flow conditions. The analysis used conservative peaking factors to estimate average and peak wet weather flows. The results indicate that one segment of a 6-inch pipeline downstream of a diversion manhole located at the intersection of W Tichenor St and S Northwood Ave is anticipated to exceed the maximum d/D under existing, near-term, and ultimate wet weather conditions. Based on the survey data, this diversion manhole included two outlet pipelines, one 6-inch diameter to the east and one 8-inch diameter to the south, with the 6-inch pipeline being the preferred outfall flow direction. Modeling confirmed that modifying the diversion manhole such that flows are directed toward the 8-inch outlet pipe would relieve this capacity limitation.

Overall, it was found that in the portions of the City's sewer collection system included in the hydraulic model, the City's system is operating with sufficient capacity through buildout conditions.

ES-6 Collection System Condition Assessment

Chapter 6 of the Sewer Master Plan Update presents the results of a comprehensive pipeline condition assessment. Closed Circuit Television (CCTV) inspections were conducted on 169 City-owned gravity main segments, totaling approximately 8.6 miles. The assessment aimed to identify structural and physical defects and recommend appropriate rehabilitation or repair methods. These methods range from trenchless techniques like Cured-In-Place Pipe (CIPP) lining to more invasive procedures such as excavation point repairs and complete pipe replacements.

The assessment prioritized pipelines with a PACP (Pipeline Assessment Certification Program) condition grade of 4 or 5, as mandated by the 2016 Consent Judgment. The PACP grading system categorizes defects from 1 (excellent) to 5 (immediate action required). The methodology involved reviewing CCTV reports, recording defects, identifying suitable repair methods, and preparing cost estimates. Common defects found during the assessment included cracks, fractures, root intrusions, and deposits.

Various rehabilitation and repair methods were recommended based on the severity and type of defects. These included CIPP lining for cracks and fractures, excavation point repairs for severe defects, and heavy cleaning for significant deposits. The assessment also highlighted the importance of minimizing costly open trench construction by using in-situ methods wherever possible.

The condition assessment resulted in specific recommendations for the City's collection system, including 34 segments for complete replacement, 36 for excavation point repairs, 99 for CIPP lining, 18 for trimming intrusions, and 60 for heavy cleaning. The locations of these recommendations were mapped on the City's sewer system index map, providing a clear plan for addressing the identified defects.

ES-7 CIP Recommendations

Capital Improvement Program (CIP) project recommendations and planning level cost estimates developed for this study include recommended pipeline improvement projects to address both capacity and condition deficiencies in the

City's sewer collection network. One capacity-related project is recommended, as presented in **Table ES.1** and shown graphically in **Figure ES.2.**

Five condition-related projects are recommended to correct structural deficiencies found in sewer pipelines with PACP scores of 4 and 5, as required by the 2016 Consent Judgement. These projects are presented in **Table ES.2**. The proposed CIP also recommends a multi-year phased program for field surveys and digitization of the entire sewer collection system network, as shown in **Table ES.3**.

Finally, updated costs were developed for the Planned Capital Improvement Projects and Sewer Master Plan Projects as presented in Exhibit B of the 2016 Consent Judgement, which are presented in **Tables ES.4** and **ES.5**, respectively.

Table ES.1. Recommended Capacity Improvement Projects Cost Summary

Project ID	Project Name	Description	Justification	Project Costs by Planning Scenario ($1,000)		
				Existing (2025)	Near-Term (2030)	Ultimate (2045)
PCAP-1	Diversion Manhole ID 3-5-103 Modification	Modify diversion manhole 3-5-103 located at the intersection of W Tichenor St and S Northwood Ave to direct flow into the 8-inch outlet pipe to the south.	Maximum d/D = 1.0 anticipated under PWWF conditions in the preferred 6-inch diameter outlet pipeline	$29	--	--
			TOTAL:	$29	--	--

Figure ES.2 Recommended Pipeline Capacity Improvement Project

Table ES.2. Recommended Condition Improvement Projects Cost Summary

Project ID	Project Name	Description	Justification	Project Cost ($1,000)
				Existing (2025)
PCON-1	Complete Pipe Replacement	Replace 107 LF of existing 6-inch gravity main Replace 7,944 LF of existing 8-inch main Replace 320 LF of existing 10-inch main	Multiple existing pipeline segments are in very poor condition with several structural defects	$4,781
PCON-2	Excavation Point Repairs	Excavation point repair on the following gravity segments: One (1) 6-inch main; Two (2) 8-inch mains; One (1) 10-inch main	Pipeline segments have one significant structural defect or encrusted/compacted deposits that severely impact normal sewer flow.	$247
PCON-3	Excavation Point Repairs & Full CIPP Lining	Excavation point repair and CIPP lining of thirty-two (32) gravity segments, from manhole to manhole: 179 LF of 6-inch main; 9,576 LF of 8-inch main; 470 LF of 15-inch main	Pipeline segments have one significant structural defect and multiple cracks or minor fractures.	$3,443
PCON-4	CIPP Lining - No Excavation	CIPP lining of sixty-seven (67) gravity segments, from manhole to manhole: 304 LF of 6-inch main; 18,013 LF of 8-inch main; 691 LF of 12-inch main. Heavy cleaning of 8,602 LF of main prior to CIPP lining.	Pipeline segments have multiple cracks or minor fractures.	$3,883
PCON-5	Heavy Cleaning - No Excavation	Heavy cleaning of 7,140 LF of existing gravity main. Heavy cleaning includes removal of encrusted deposits and/or root balls in laterals connected to gravity mains.	Pipeline segments have encrusted grease deposits, debris, and/or intruding roots.	$72
			TOTAL:	**$12,426**

Table ES.3. Sewer System Survey and Digitization Program Cost Summary

Project ID	Project Name	Description	Justification	Project Cost ($1,000)[1]
SUR-1	Sewer System Survey Phase 1	Survey City-owned sewer collection system from in the vicinity of El Segundo Blvd south to Compton Blvd, and from City's western limits east to Alameda St. Convert field survey data to GIS database. (Est. 500 manholes)	Create a full, accurate and up-to-date sewer system GIS for the City. This will provide the City with the ability to create a full system hydraulic model.	$250
SUR-2	Sewer System Survey Phase 2	Survey City-owned sewer collection system from Stockton St south to Compton Blvd, and from Alameda St east to City's eastern limits. Convert field survey data to GIS database. (Est. 400 manholes)		$200
SUR-3	Sewer System Survey Phase 3	Survey City-owned sewer collection system from Compton Blvd south to Victoria St, and from City's western limits east to Alameda St. Convert field survey data to GIS database. (Est. 500 manholes)		$250
SUR-4	Sewer System Survey Phase 4	Survey City-owned sewer collection system from Compton Blvd south to Greenleaf Blvd, and from Alameda St east to City's eastern limits. Convert field survey data to GIS database. (Est. 400 manholes)		$200
			TOTAL:	$900

Note:
[1] Cost based on estimates of total numbers of manholes in each survey zone.

Table ES.4. 2016 Consent Judgment Planned Capital Improvement Projects Cost Summary

Project ID	Project Name	Description[1]	Justification	Project Cost ($1,000)[1]
CIP 10-4	Fruit Town Sewer Replacement (Oleander)	Replace 11,000 LF of 8-inch diameter pipe with 10-inch diameter pipe	Required by 2016 Consent Judgement	$7,040
CIP 10-5	Willowbrook Culver Sewer Replacement	Replace 5,000 LF of 8-inch diameter pipe with 10-inch diameter pipe		$3,200
CIP 10-21	Pearl Ave Sewer Replacement	Replace 9,600 LF of 8-inch diameter pipe with 10-inch diameter pipe		$6,144
				$16,384

Notes:
[1] Existing and proposed diameters are assumed "best guess" from 2008 Master Sewer Study.

Table ES.5. Estimated Cost for Projects Required by 2016 Consent Judgement

Project Number	Project Description	Length (LF)	Ex. Diam (inch)[1]	Prop. Diam (inch)[1]	Total Est. Constr. Cost ($1,000)[2]	Markup (60%)	Total Est. Project Cost ($1,000)
1-1	Myrrh & Mid of Williams and Gibson to North	1,156	8	10	$463	$278	$741
1-2	Laurel & Harris to South to South	663	8	10	$266	$160	$426
1-3	Rosecrans between Castlegate & Cookace to West	682	8	10	$273	$164	$437
2-6	218 ft S Cypress and Appila to South	398	8	10	$160	$96	$256
2-7	Laurel and Sherrer to SE	248	8	10	$100	$60	$160
3-12	Rosecrans & Oleander to East	677	8	10	$271	$163	$434
3-15	Rosecrans & Acacia to East	400	8	10	$160	$96	$256
4-17	Grandee & 136th to East	268	10	15	$161	$97	$258
4-18	Compton & Willowbrook to East	544	10	15	$327	$197	$524
4-20	Caldwell and Wilmington to North	184	10	15	$111	$67	$178
5-22	Poplar & Oleander to East	2,171	8	10	$869	$522	$1,391
5-26	Palmer & Tamarind to East	204	8	10	$ 82	$ 50	$132
5-27	325 ft S of Willowbrook to East	482	8	10	$193	$116	$309
5-28	240 ft N of Elm & Willowbrook to South	1,545	8	10	$618	$371	$989
5-29	Popular & Tamarind to East	250	8	10	$100	$60	$160
5-30	Elm & Willowbrook to East	782	8	10	$313	$188	$501
5-31	Carson Pl & Alameda to West	182	8	10	$ 73	$44	$117
5-32	190 ft S of Carson Pl & Alameda to West	170	8	10	$ 68	$41	$109
6-33	Spruce & Pacific to West	150	8	10	$ 60	$36	$96
6-34	Rosecrans & Pacific to West	1,219	8	10	$488	$293	$781
6-35	Rosecrans & Tajauta to West	1,022	8	10	$409	$246	$655
6-36	Rosecrans & Parmalee to West	461	8	10	$185	$111	$296
6-37	Rosecrans & Central to East	103	8	10	$42	$26	$68
6-40	Palmer & Wilmington to West	397	8	10	$159	$96	$255
6-41	185 ft W of Poplar & Paulson to East	377	8	10	$151	$91	$242

Project Number	Project Description	Length (LF)	Ex. Diam (inch)[1]	Prop. Diam (inch)[1]	Total Est. Constr. Cost ($1,000)[2]	Markup (60%)	Total Est. Project Cost ($1,000)
6-42	93 ft W of Compton & Nester to South	50	8	10	$20	$12	$32
6-44	136th & Slater to East	61	8	10	$25	$15	$40
6-45	134th & Slater to East	880	8	10	$352	$212	$564
6-46	134th & Bahama to NE, then North to Central	1,052	8	10	$421	$253	$674
6-47	South of 134th & Central to East	1,241	8	10	$497	$299	$796
8-48	Laurel & Santa Fe to North	325	12	15	$195	$117	$312
8-49	350 ft N of Myrrh & Santa Fe to South	777	12	15	$467	$281	$748
8-50	Alondra & Santa Fe to North	599	12	15	$360	$216	$576
8-51	157 ft W of Alondra & Chester to South	1,328	12	15	$797	$479	$1,276
9-52	134th & Salinas to East	1,308	8	10	$524	$315	$839
9-53	139th & McKinley to North	1,632	8	10	$653	$392	$1,045
9-54	139th & McKinley to West	473	8	10	$190	$114	$304
10-55	Compton & Bullis East	5	8	10	$2	$2	$4
10-56	Alondra & Long Beach to North	518	8	10	$208	$125	$333
	TOTALS:	**24,984**	**--**	**--**	**$10,813**	**$6,501**	**$17,314**

Notes:

[1] Existing and proposed diameters are assumed "best guess" from 2008 Master Sewer Study.

[2] Assumes replacement cost of $40/in-diam/LF.

1 Introduction

This Sewer Master Plan Update report for the City of Compton (City) evaluates the capacity and condition of the City's existing wastewater collection system and provides recommendations for future improvement projects. The following introduction section provides background information on the scope and objectives of the Master Plan Update, previous master plan studies, the City's service area, and the contents and organization of this report.

1.1 Background and Master Plan Objectives

In January 2023, the City retained Dudek to prepare its Sewer Master Plan Update. A comprehensive study of the City's sewer system was last completed in 2008. The 2008 master plan concluded that 95% of the City's sewer system had sufficient capacity to handle existing and future flow conditions, while 5% of the system required upgrading to meet performance standards, recommending $23.8M in system improvements.

In September 2016, the City received a Notice of Entry of Judgment (Consent Judgment) from the State of California and the Los Angeles Regional Water Quality Control Board (LARWQCB) for failure to comply with the State Water Resources Control Board's Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (Sanitary Sewer Systems General Order). The Sanitary Sewer Systems General Order requires public agencies that own and operate sewer systems to implement sewer system management plans and report all sanitary sewer spills to the Board. The Consent Judgement detailed a list of action steps with which the City must comply or risk further penalty. This included requiring the City to construct all upgrades recommended by the 2008 master plan and perform condition assessment on pipelines receiving the poorest condition grades during CCTV inspection.

This Sewer Master Plan Update analyzes the capacity and condition of the City's existing collection system using currently available data and research conducted during the process of evaluating both the flows and existing condition of the collection system, culminating in a new Capital Improvements Program (CIP) schedule intended to meet existing and future development needs and enhance the system's operational resilience. The City does not maintain a geographical information system (GIS) database or other digitized network of its sewer collection system; therefore, a portion of this effort was supportive of developing this resource. This Sewer Master Plan will support the City in complying with several items listed in the Consent Judgement, including development of a Flow and Capacity Study and assessment of Grade 4 and 5 condition pipelines. An updated Sanitary Sewer Management Plan (SSMP Update), also required by the Consent Judgement, was performed under this contract. The City's SSMP Update is included under separate cover.

The 2025 Sewer Master Plan Update addresses the following key objectives:

1. Review and summarize available historical data relating to the City's existing sewer system, including the 2008 Master Sewer Study.
2. Survey the existing invert elevations of approximately 100 manholes located throughout the City's sewer system, which accounts for approximately 3.5% of the total number of manholes in the City's system. Manholes were strategically selected based on their locations within major sewersheds using an index map provided by the City, included in **Appendix A**.

3. Create a hydraulic sewer model using invert data collected during field survey of the City's manholes. This model will be referred to as the initial phase, or Phase I, of the City's new sewer system model. The City should continue to develop and update the model as part of future planning efforts.
4. Conduct sewer flow monitoring at six (6) locations within the City's sewer system to develop dry weather flow patterns.
5. Calibrate Phase I of the City's new sewer model to current (Summer 2023) dry weather flow patterns, with the understanding that significant portions of the existing system were not surveyed and could therefore not be modeled nor calibrated to existing flows.
6. Perform capacity evaluation of the modeled collection system under existing and future (near-term and ultimate) conditions.
7. Perform condition assessment on Grade 4 and 5 pipeline segments using CCTV data provided by the City.
8. Develop a 10-year Capital Improvements Program (CIP) and corresponding planning-level engineer's cost opinion for recommended projects to address capacity and/or condition deficiencies within the City's sewer system.
9. Update the City's Sanitary Sewer Management Plan (SSMP), including the Spill Emergency Response Plan, SSMP Audit and other requirements (under separate cover).

1.2 Previous Master Plans

The City's previous Master Sewer Study was completed in April 2008 and included the development of a H2OMap Sewer model of the City's collection system. However, the H2OMap Sewer model could not be located for use or reference in this Sewer Master Plan Update.

No flow monitoring data was collected as part of the 2008 Master Sewer Study. Therefore, the H2OMap Sewer model was not calibrated to existing sewer flows observed in the field. Rather, the maximum potable water consumption of each customer, determined from water meter readings recorded between 2006 and 2007, was used to directly allocate sewer flows throughout the model assuming a 100% return to sewer ratio. Additionally, a future sewer flow scenario was developed based on land use data from the City's General Plan and unit generation factors.

The results of the 2008 model capacity analyses indicated that 95% of the City's existing collection system was not anticipated to exceed capacity limitations under existing or future flow conditions. A traditional wet weather analysis based on a design storm was not performed due to the absence of flow monitoring data. Instead, an inflow and infiltration (I&I) analysis was completed using an assumed I&I rate of 3% of peak dry weather flows throughout the system. The Master Sewer Study concluded that I&I does not significantly impact the overall capacity of the City's existing system. However, no in-line flow monitoring or condition assessment data was presented to validate this conclusion or the assumed I&I rate of 3%.

The 2008 Study identified ten (10) CIP projects for completion over a ten-year period. The total estimated cost of the CIP program was $23.8 million in 2008, with $12.3 million estimated for addressing existing system deficiencies and $11.5 million for anticipated deficiencies under the future flow scenario. Each of the 10 CIP projects was comprised of a series of individual pipeline replacement projects, seemingly grouped by priority and spatial proximity, ranging in total length from 2,300 to 6,200 LF. According to City staff, as of 2025 the City has completed two of the individual

recommended projects, the Compton/Wilmington Area Sewer Replacement Project and the Wilmington/Alondra Sewer Restoration Project.

Lastly, the 2008 Study did not assess the existing physical condition of the City's collection system. Instead, it was recommended the City conduct CCTV inspections within areas of the collection system identified as deficient by the model capacity analyses or City maintenance staff, as well as a random selection (approximately 10%) of the existing system.

1.3 Service Area Overview

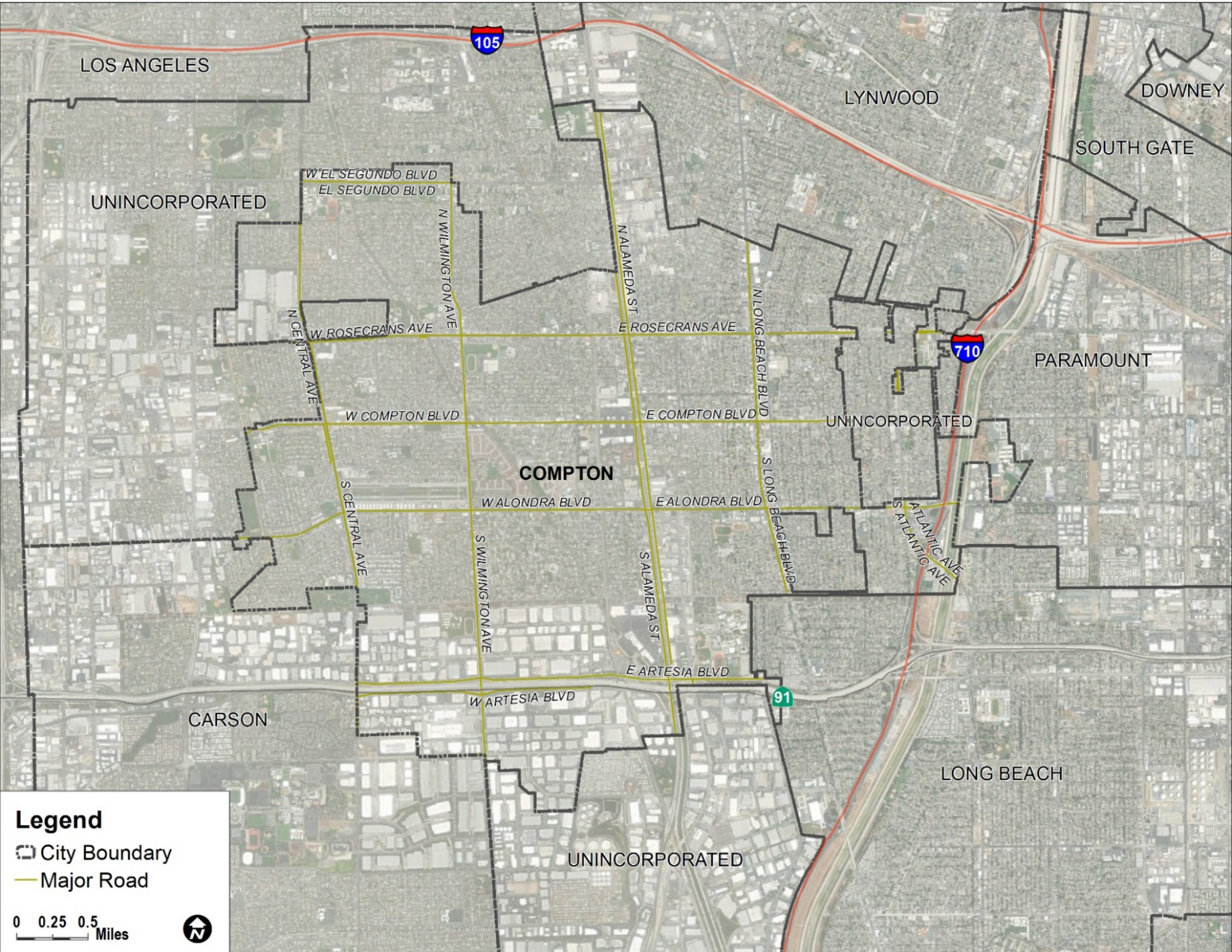
The City of Compton was incorporated in 1888. **Figure 1.1** presents a regional map highlighting the City's location within Los Angeles County in southern California. The City's current population is approximately 96,000, estimated to be approximately 95% built out.

The City is approximately 10 square miles in area and located 12 miles south of downtown Los Angeles. As shown in **Figure 1.2**, the City of Compton is surrounded by the City of Lynwood to the northeast, Paramount to the east, Long Beach to the southeast, and Carson to the southwest. Various unincorporated communities border the City of Compton to the north, east, south, and northwest.

The Street Maintenance Division of the Public Works Department is responsible for operation and maintenance of the City's sewer collection system. The City of Compton Water Department is the primary potable water service provider within the City for approximately 80% of residents. Other residents are served by private water companies including Golden State Water, Long Beach Water, Sativa Water, and California Water Companies.

Wastewater treatment is provided by Los Angeles County Sanitation District (LACSD), a regional agency that collects and treats sewage from municipalities throughout Los Angeles County. According to the 2008 Master Sewer Study, the City's collection system discharges into the LACSD trunk system via 101 outfalls.

Los Angeles County
San Bernardino County
COMPTON
Riverside County
Orange County
Pacific Ocean
San Diego County
Legend
County Boundary
City Boundary
0
4
8
Miles
N


LOS ANGELES
105
LYNWOOD
DOWNEY
SOUTH GATE
UNINCORPORATED
W EL SEGUNDO BLVD
EL SEGUNDO BLVD
N WILMINGTON AVE
N ALAMEDA ST
N LONG BEACH BLVD
N CENTRAL AVE
W ROSECRANS AVE
E ROSECRANS AVE
710
PARAMOUNT
W COMPTON BLVD
E COMPTON BLVD
UNINCORPORATED
COMPTON
S LONG BEACH BLVD
W ALONDRA BLVD
E ALONDRA BLVD
S ATLANTIC AVE
ATLANTIC AVE
S CENTRAL AVE
S WILMINGTON AVE
S ALAMEDA ST
E ARTESIA BLVD
W ARTESIA BLVD
91
CARSON
LONG BEACH
UNINCORPORATED
Legend
City Boundary
Major Road
0 0.25 0.5
Miles

The National Weather Service (NWS) does not collect climate data within the City of Compton. Using data collected at the closest NWS location in Long Beach Airport, approximately 12 miles southwest of the City, the City's annual low and high average temperature are estimated at 56°F and 74°F, respectively. The average total precipitation recorded within the City each year is approximately 12 inches, with most rainfall occurring between November and March. The following **Figure 1.3** summarizes the monthly climate normals (i.e., average of data collected over the last 30 years) recorded at Long Beach Airport.

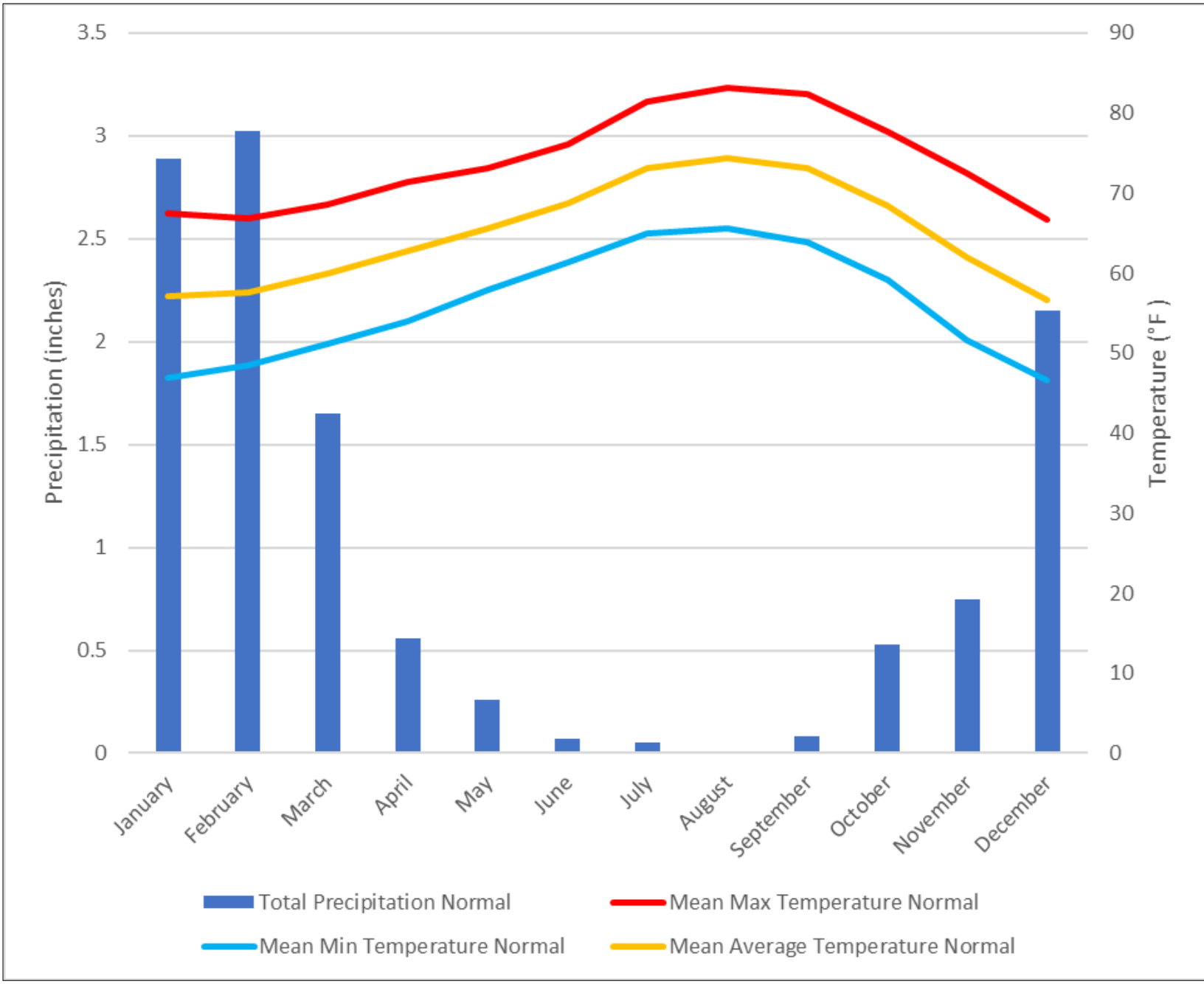


Figure 1.3 Monthly Climate Normals (1991-2020) at Long Beach Airport

Note:
Source: NOAA Online Weather Data / NOWData)

1.4 Summary of Scope of Work

The following tasks are included in the scope of this Sewer Master Plan Update.

1. Data Collection and Review of Existing Sewer System
2. Field Survey of Existing Manholes (100 Total)
3. Temporary Sewer Flow Monitoring and Data Analysis
4. Hydraulic Sewer Model Development and Calibration
5. Model Capacity Analysis
6. CCTV Condition Assessment of all Pipeline Assessment Certification Program (PACP) Grade 4 and 5 Pipelines
7. Development of CIP and Planning-Level Cost Estimates
8. Sanitary Sewer Management Plan Audit and Update (Under separate cover)
9. Report Delivery and Presentation to City Stakeholders

1.5 Report Organization

This Sewer Master Plan Update report is organized into the following sections:

- **Section 1 Introduction** – Describes the background, objectives, scope of work, and structure of the report. Summarizes key characteristics of the City's sewer collection system and service area.
- **Section 2 Existing System Summary** – Describes elements of the City's existing collection system including siphons, diversion manholes, and outfalls. Summarizes the existing distribution of land use types within the City.
- **Section 3 Existing and Future Dry Weather Flows** – Estimates the City's existing dry weather flows using flow monitoring data and anticipated future flows based on known development activity.
- **Section 4 Sewer Model Development and Calibration** – Summarizes the 2023 field survey and flow monitoring program, development of the City's hydraulic sewer model, allocation of existing dry weather flows, and model calibration results.
- **Section 5 Collection System Capacity Analysis** – Presents the results of the capacity analyses performed on the City's collection system under existing, near-term, and ultimate flow conditions.
- **Section 6 Collection System Condition Assessment** – Summarizes the methodology and results of the condition assessment completed on pipelines within the City's collection system.
- **Section 7 Capital Improvement Program** – Presents a prioritized list of recommended improvement projects developed to address the existing and anticipated future capacity and condition deficiencies within the City's collection system.

The following documents are included as Appendices to this Sewer Master Plan Update report:

- **Appendix A** – City of Compton Sewer Index Map (provided by City)
- **Appendix B** – ADS Environmental Services 2023 Flow Monitoring Report
- **Appendix C** – Pipeline Condition Assessment Data and Map
- **Appendix D** – Recommended CIP Project Cost Estimate Details

2 Existing System Description

The following section summarizes existing features of the City's sewer collection system. Existing facilities include gravity pipelines, inverted siphons, diversion manholes, and outfalls into the LACSD trunk sewer system.

At the time of writing this Sewer Master Plan Update, information related to the City's existing collection system was not available in a digital format such as a GIS (Geographic Information System) database. Typically, a digitized record of the City's sewer system enables staff to efficiently identify, update, and summarize information related to the physical characteristics and hydraulic performance of the system. As described in Section 7 of this report, it is recommended that City staff convert the field data collected from future phased, multi-year survey programs to GIS files and develop a centralized digital database of the City's sewer system.

The information presented in the following section is primarily based on the 2008 Master Sewer Study, supplemented with additional material provided by City staff and field data collected during the manhole survey completed in 2023. As the City continues to collect information regarding its existing collection system, the following section should be revised concurrently in preparation for future master plan updates.

2.1 Gravity Pipelines

Per the 2008 Master Sewer Study, the City's existing sewer collection system includes approximately 147 miles of gravity pipeline, with diameters ranging from 4- to 24-inch, as summarized in **Table 2.1**. A majority (90%) of the collection network is 8-inch or smaller in diameter.

The 2008 Master Sewer Study did not include quantitative (i.e., length) information regarding the material or age of pipelines within the City's collection system. Most of the City's existing system was constructed between 1940 and 1959; therefore, an undefined majority of the system is at least 65 years old.

A qualitative review of the CCTV data provided by City staff for condition assessment of the existing system indicated that most pipelines are of vitrified clay pipe (VCP) material.

Appendix A presents an index map of the City's collection system as provided by staff. The static index map is the only known comprehensive graphical summary of the City's collection system. However, based on the field survey data collected in 2023 as part of this Sewer Master Plan Update, it was determined that the index map is not a wholly accurate representation of the City's current collection network. Any discrepancy detected between the index map and other available data is noted in subsequent sections of this report.

Table 2.1 Gravity Pipeline Summary by Diameter[1]

Diameter (in)	Length of Pipe (ft)	% of Total System
4	577	0.1
6	1,245	1.1
8	688,057	88.6
10	26,340	3.4
12	25,502	3.3
15	19,520	2.5
18	5,459	0.7
21	1,446	0.2
24	8,442	0.2
Total	**776,600**	**100%**

Notes:

[1] Source: "Existing System" section of 2008 City of Compton Master Sewer Study, dated April 23, 2008.

2.2 Inverted Siphons

According to maintenance staff, the City's existing collection system includes at least one City-owned inverted siphon as summarized in **Table 2.2.**

An inverted siphon is a pipeline that dips or sags to cross under an existing storm channel, body of water (e.g., stream or creek), utilities, or other overlying structure. Inverted siphons are designed to operate below the hydraulic grade line and thus should always flow full (i.e., under pressure).

Inverted siphons can be classified as single or double barrel. A double barrel siphon is composed of two (2) parallel pipelines, usually of identical diameter. In a double barrel siphon, one pipeline serves as the primary conveyance line while the second pipeline functions as an alternate, to be used in case the first is defective or taken out of service.

The following table is not a comprehensive summary of all inverted siphons owned and operated by the City. Additional inverted siphons may be identified during future field surveys of the City's sewer system and should be thoroughly documented by City staff.

In the absence of other collection system data, **Figure 2.1** depicts the approximate location of the siphon in W Palmer St on the existing system index map.

Table 2.2 Inverted Siphon Summary

Siphon ID	Model Conduit ID(s)	Location	US / DS Manhole ID[1]	Structure Crossing	Barrel	Diameter (in)
S-01	N/A[2]	W Palmer St, west of N Wilmington Ave	3-3-063 / 3-3-064	Storm channel	Unknown	8

Notes:

[1] US = Upstream / DS = Downstream. Manhole IDs are per sewer index map provided by City staff.

[2] This inverted siphon was not surveyed in 2023 and therefore not included in Phase I of the City's new hydraulic sewer model.

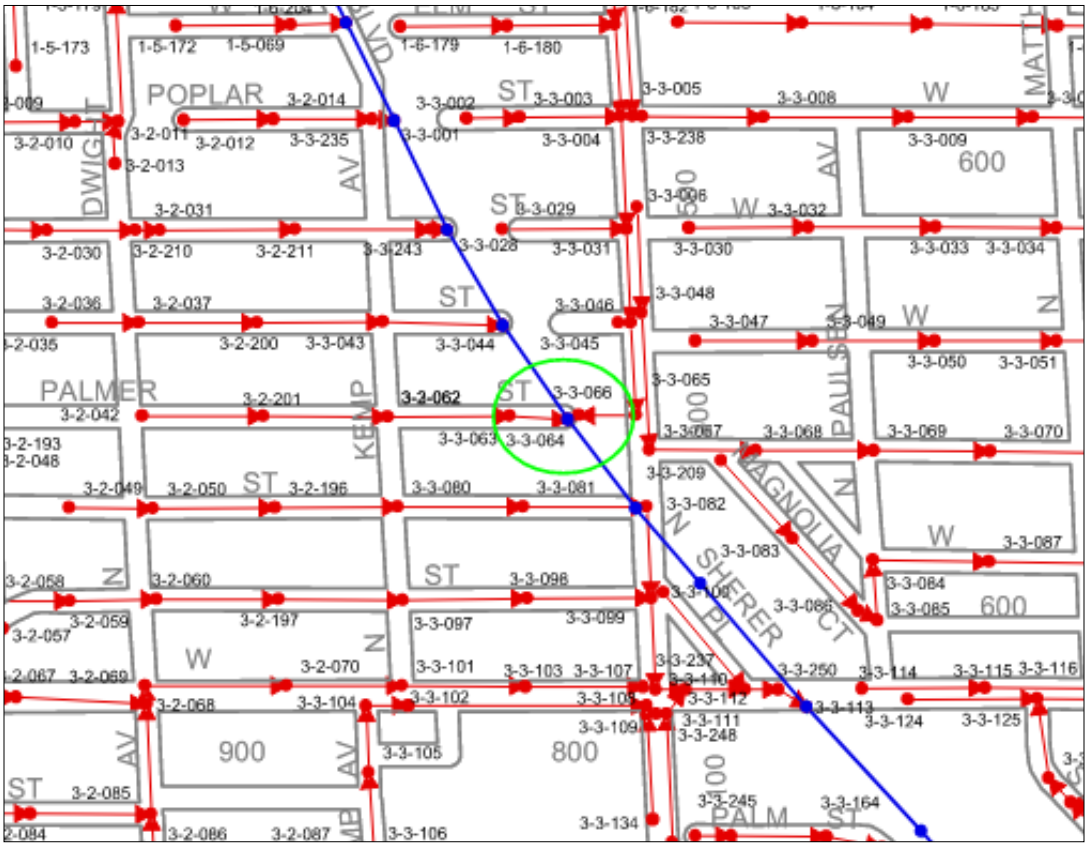


Figure 2.1 Inverted Siphon at W Palmer St & N Wilmington Ave

2.3 Diversion Manholes

Diversion manholes are manholes that convey sewer flow through two or more outlets oriented in different directions. Often, stoplogs are used to intentionally block off at least one outlet and maneuver flow in a preferred downstream direction. In some cases, a weir is placed at the upstream invert of the secondary (i.e., overflow) pipe to promote flow through the primary (i.e., main) pipe. During periods of unusually elevated flow in the collection system, such as a significant wet weather event, water may rise over the top of the weir and travel through the overflow pipe to alleviate potential capacity concerns in the main pipe.

The accurate representation of flow through diversion manholes is critical during evaluation of the City's available capacity. Five (5) diversion manholes were identified after review of the City's sewer index map. However, field survey of the 5 manholes indicate they are not currently configured as diversion manholes. In fact, no diversion manholes were identified during the field survey completed as part of this Sewer Master Plan Update.

The City's available sewer map, included in **Appendix A**, indicated a number of diversion manholes. Five of these diversion manholes were surveyed and were all found to be standard (i.e., single outlet) manholes in the field. **Table 2.3** presents the findings of this field investigation. There are very likely active diversion manholes within the City's sewer system. As part of this sewer master plan, field surveys are recommended to identify and confirm the locations of diversion manholes in the City's collection system.

Table 2.3 Field Survey Results of Potential Diversion Manholes (per City's Sewer Index Map)

Manhole ID[1]	Location	Main Invert Elevation (ft)	Main Pipe Diameter (in) & Cardinal Direction	2023 Survey Notes
5-3-005	W Walnut St & S Wilmington Ave	88.38	18-inch; East	This manhole is not a diversion manhole. Two 15-inch inlet pipes from the south and west enter the manhole and converge into a single outlet pipe heading east.
3-5-033	W Raymond St, approximately 120 ft east of S Dwight Ave	82.87	12-inch; East	This manhole is not a diversion manhole. Two 12-inch inlet pipes from the south and west enter the manhole and converge into a single outlet pipe heading east.
3-3-131	W Compton Blvd & N Oleander Ave	62.83	18-inch; Southeast	This manhole is not a diversion manhole. Three inlet pipes from the southwest, west, and northwest enter the manhole and converge into a single outlet pipe heading southeast.
3-3-158	W Almond St & S Oleander Ave	61.65	12-inch; West	This manhole is not a diversion manhole. One 12-inch inlet pipe from the north enters the manhole and exits via a single outlet pipe heading west.
3-3-022	W Poplar St & N Culver Ave	64.09	8-inch; North	This manhole is not a diversion manhole. Two 8-inch inlet pipes from the south and west enter the manhole and converge into a single outlet pipe heading north.

Notes:

[1] Manhole IDs are per sewer index map provided by City staff.

2.4 Lift Stations and Force Mains

The City's existing sewer collection system is an entirely gravity system; the City does not own or operate any lift stations or force mains.

2.5 LACSD Outfalls

The City does not own or operate any wastewater or sewage treatment facilities. According to the 2008 Master Sewer Study, the City's collection system connects to the LACSD trunk system via 101 individual outfalls. All sewer flows generated within the City are conveyed to LACSD's A.K. Warren Water Resource Facility (formerly known as the Joint Water Pollution Control Plant) in the City of Carson for treatment before ultimately discharging into the Pacific Ocean approximately two miles offshore.

2.6 Land Use

The following **Table 2.4** summarizes the distribution of various land use types within the City, according to the City's Draft 2030 General Plan dated January 2011.

At the time of writing this Sewer Master Plan Update, the City is preparing a 2045 General Plan intended to succeed the 2010 General Plan, adopted in 1991. In the intervening years, the City completed, but did not formally adopt, a Draft 2030 General Plan. The Draft 2030 General Plan was the primary reference used to compile existing land use data for this Sewer Master Plan Update, as it is intended to address the City's development needs through 2030.

Figure 2.2 depicts the existing distribution of land use types within the City, based on information presented in the Draft 2030 General Plan.

Table 2.4 Land Use Summary

Land Use Type	Land Use Description	Area (Ac)	% of Total City Area
Single-Family Residential	Single-family residential uses	2,242	34.4
Low Density Multifamily Residential	Duplex units or smaller multifamily uses	334	5.1
Medium Density Multifamily Residential	Multifamily development	157	2.4
General Commercial	Commercial centers and strip commercial	425	6.5
Industrial	Office, commercial, and light industrial campuses. Manufacturing, industrial, and warehousing.	1,066	16.5
Public/Institutional	Schools, City facilities, and government facilities	668	10.3
Open Space/Vacant Land	Parks, easements, and vacant properties	276	4.2
Transportation	Railroads and roads	1,346	20.7
	Total	**6,514**	**100.0**

Notes:

[1] Source: Table 2-1 of the Draft 2030 City of Compton General Plan Land Use Element.

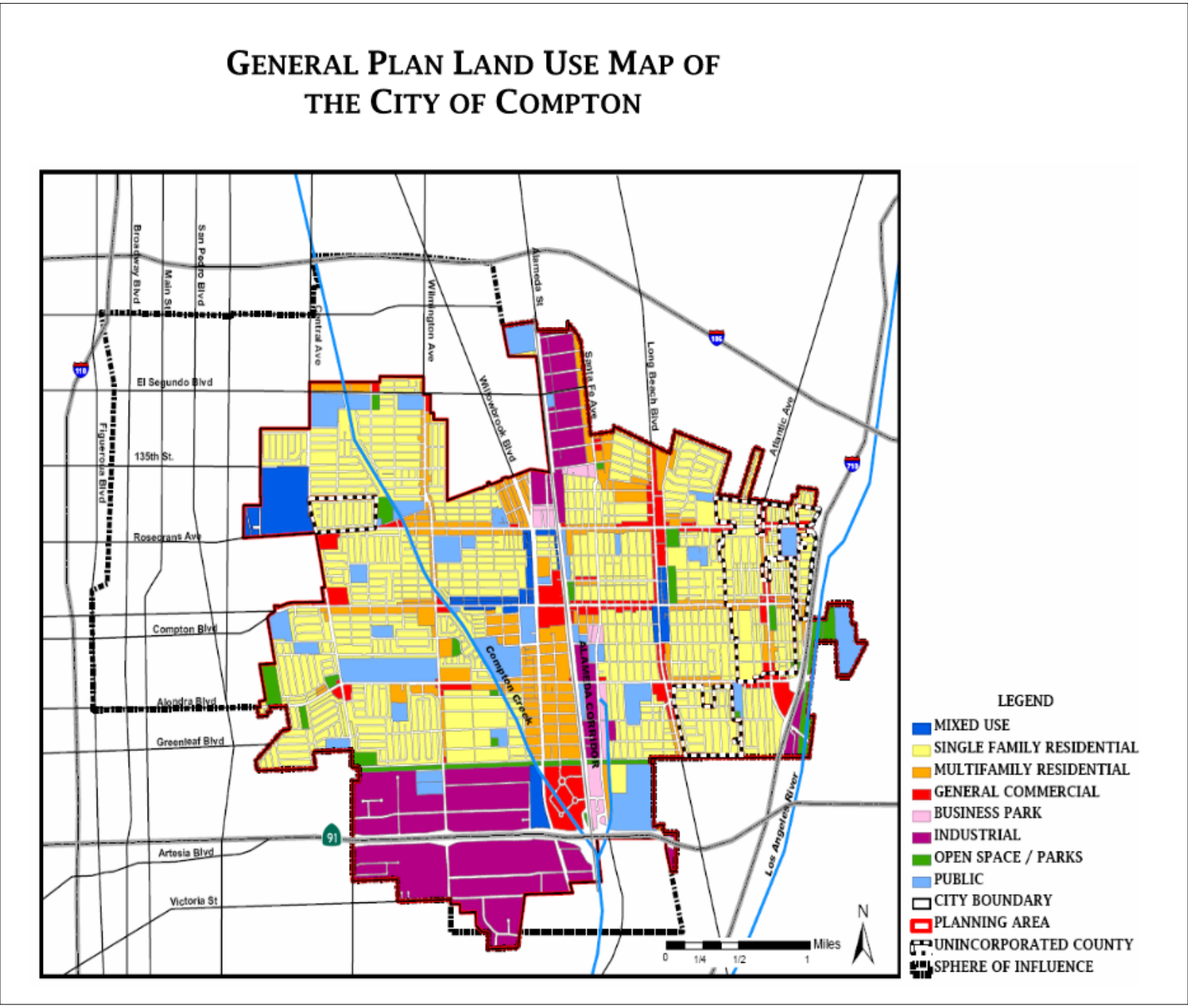


Figure 2.2 Distribution of Land Use Types (Source: Draft 2030 City of Compton General Plan Land Use Element)

3 Existing and Future Dry Weather Flows

The following section summarizes the existing and anticipated future dry weather flows generated within the City's service area and conveyed by the collection system. Existing (2023) partial dry weather flow was estimated using flow monitoring data collected in Summer 2023. Near-term (2030) and Ultimate (2045) dry weather flows were determined using population growth projections and planned development data provided by City staff.

Unit sewer flow generation factors were developed for major land use types. Whenever appropriate, flow monitoring data from 2023 was used to develop the unit generation factors. Statewide and local agency water use standards served as a secondary reference. The unit generation factors summarized in the following section can be used to estimate the sewer flows from proposed developments or other changes in land use type.

3.1 Population Summary

The following describes the City's current population as well as anticipated population growth through the planning horizon covered by this Sewer Master Plan Update.

3.1.1 Existing Population

According to the City's 2021-2029 Draft Housing Element Update, completed in December 2023, the population of the City was 98,447 in 2020.

Between 2010 and 2020, the City's population increased by only 2% compared to a historical growth rate of 3% during each of the preceding two decades (1990-2000 and 2000-2010).

3.1.2 Projected Population

The 2021-2029 Draft Housing Element Update (Housing Element) was used to estimate population growth within the City and used to develop the future flow scenarios. As summarized in **Table 3.1**, the total population of the City is projected to increase to 103,100 by 2045. Therefore, the City is approximately 95% built-out in 2024.

The Regional Housing Needs Allocation (RHNA) process is part of a multi-step housing planning process implemented by the state of California designed to assist local governments in adequately meeting the housing needs of their communities. The process begins with the California Department of Housing and Community Development (HCD) determining the regional housing need for each region's planning body or Council of Governments (COG). The Southern California Association of Governments (SCAG) is a COG that encompasses six counties and 191 cities, including the City of Compton.

Following HCD's determination of southern California's housing needs, SCAG is responsible for allocating the housing needs amongst its jurisdictions on a "fair share" basis. SCAG has determined that Compton must identify adequate available vacant and non-vacant sites for 1,004 new dwelling units by 2029.

If all 1,004 dwelling units are constructed and occupied by 2029, with an average household size of 2 persons per unit, the City's population is anticipated to reach 100,455 in 2030. Therefore, assuming no additional population increase beyond implementation of RHNA and no loss, the City's population growth rate will be approximately 2% between 2020 and 2030.

Overall, the City's population is projected to increase 4.6% over a 25-year period, from 98,477 in 2020 to 103,100 in 2045.

Table 3.1 Existing and Projected Population Estimates

Year	Population	Growth	Percent Change
2020	98,447[1]	-	-
2030	100,455	2,008	2.0
2045	103,100[2]	2,645	2.6

Notes:

[1] Source: Table 2-1 of the City of Compton 2021-2029 Draft Housing Element Update (Housing Element)

[2] Source: Table 2-3 of the Housing Element

3.2 Existing Dry Weather Flows

No historical (prior to Summer 2023) flow monitoring data was available for review for this Sewer Master Plan Update. In the absence of measured flow data, the City's existing land use data and unit generation factors can be used to estimate existing dry weather flows. However, the City does not maintain its land use data in a digital file format, so a straightforward computation of the existing dry weather flows was not feasible.

Therefore, for this Sewer Master Plan Update, partial existing dry weather flows within the City's collection system were determined using 2023 flow monitoring data. The locations of the 2023 flow monitors and their measured sewersheds are described in Section 4. **Table 3.2** summarizes the existing average and peak dry weather flows measured by each flow monitor. The table is not a comprehensive summary of all dry weather flows in the City's sewer system. A more comprehensive understanding of the system's existing capacity will emerge as the City continues to develop its hydraulic sewer model and collect additional flow monitoring data.

Table 3.2 Measured Dry Weather Flows at 2023 Flow Monitored Sewersheds Only

Flow Monitor ID	Existing ADWF[1] (MGD)	Existing PDWF[1] (MGD)
FM 01	0.13	0.18
FM 02	0.20	0.30
FM 03	0.43	0.60
FM 04	0.42	0.55
FM 05[2]	-	-
FM 06	0.37	0.50
Partial System Total Flow (MGD)	1.55	2.13

Notes:

1 ADWF = Average Dry Weather Flow; PDWF = Peak Dry Weather Flow

2 Zero flow was recorded at FM 05. The configuration of the sewer system in the field likely differed from what was shown on the existing system index map. See Section 4.2 for details.

3.3 Future Dry Weather Flows

Two future dry weather flow scenarios, Near-Term (2030) and Ultimate (2045), were developed as part of this Sewer Master Plan Update. The Near-Term scenario is based on planned development data provided by City staff, including dwelling unit increases and land use changes, for projects that are anticipated to finish construction by 2030. The City's RHNA of 1,004 dwelling units is included in the Near-Term scenario.

The Ultimate scenario estimates an increase in sewer flows throughout the collection system using the City's projected population growth rate described in Section 3.1. The following sections describe the methods used to develop the Near-Term and Ultimate dry weather flow scenarios.

3.3.1 Near-Term (2030) Developments

According to the City's Housing Element, seven (7) developments have been approved or proposed for construction by 2030. As detailed in **Table 3.3**, all 7 projects are residential and will contribute 563 units toward the City's overall RHNA of 1,004 dwelling units. **Figure 3.1** highlights the locations of the proposed developments.

Of the 7 projects, only the Compton Innovation Center by KBK Enterprises lies within the extents of Phase I of the City's new sewer model developed for this Sewer Master Plan Update and is therefore included in the modeled Near-Term (2030) scenario. For reference, the average dry weather flow of each planned development is presented in Table 3.3, estimated using the unit generation factors summarized in Section 3.3.1.1. As the City expands its sewer model, the estimated dry weather flows from each planned development should be added to the Near-Term scenario to more accurately represent future projected flows. All 7 proposed near-term developments are located north of Alondra Blvd, with 5 located west of N Alameda St and 2 east of N Alameda St.

Pursuant to state law, accessory dwelling units (ADUs) can be counted toward the City's RHNA requirement. Between 2018 and 2022, 104 ADUs were constructed within the City, or an average of 20 new ADUs per year. As a conservative measure, the Housing Element estimated that 130 new ADUs will be constructed between 2021 and 2029.

The anticipated 130 new ADUs are included in the outstanding 441 dwelling units that, when added to the 563 units from the proposed near-term developments, comprise the City's total RHNA requirement of 1,004 housing units. Based on the high densification of the proposed developments and limited availability of vacant land within the City, it was assumed that the 311 non-ADU housing units will be multifamily or apartment-style residential units.

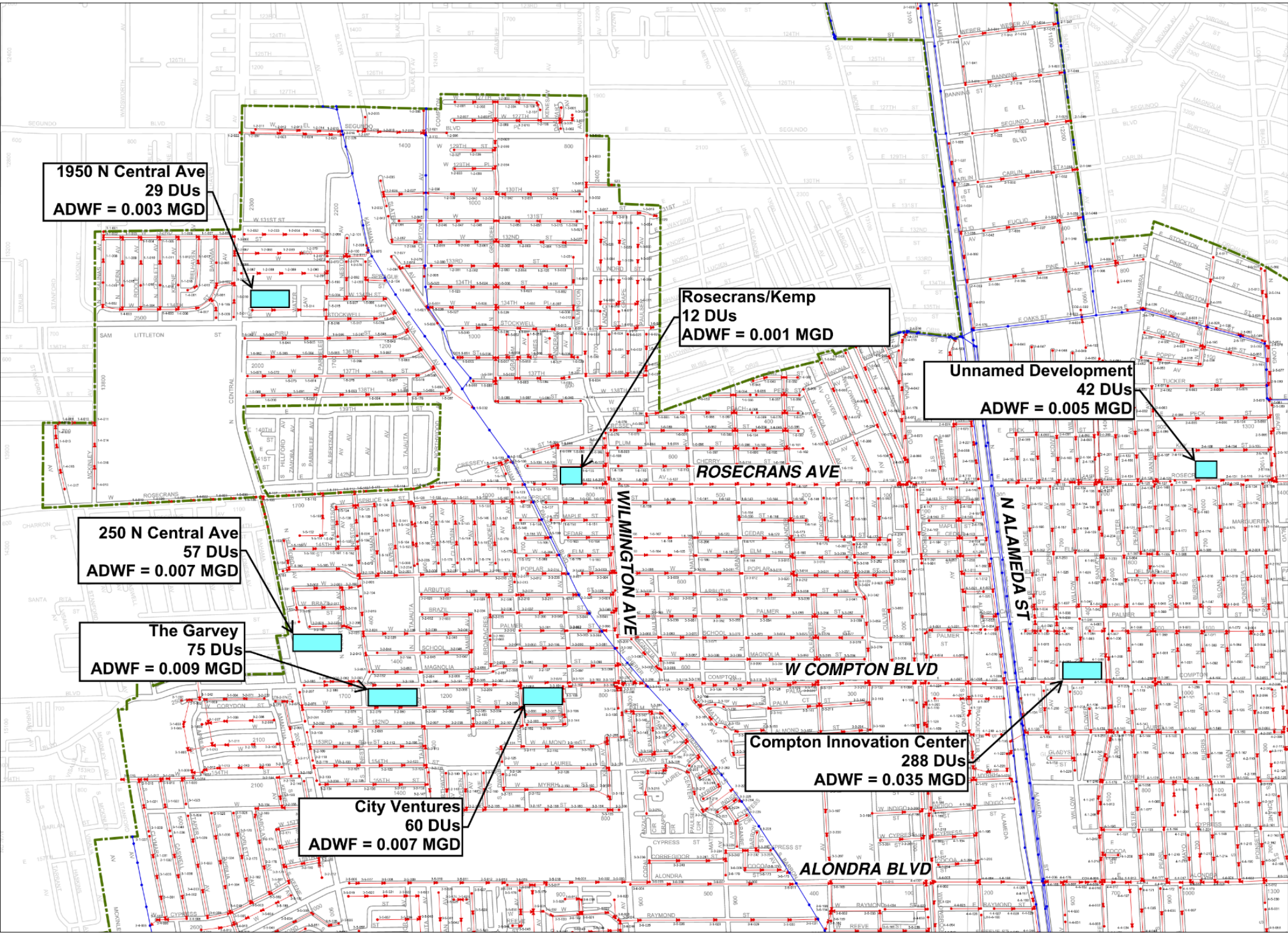
Table 3.3 Proposed Near-Term (2030) Developments and Estimated ADWF[1,2]

Project Name / Developer	Existing Site Address	Status	Residential Land Use Type	Proposed Dwelling Units	Estimated ADWF (MGD)	Potential Connection Point / Modeled Manhole ID
1950 N Central Ave – Olson Company	1950 N Central Ave	Completed	High Density Residential	29	0.003	Water Way between W 134th St and W 135th St
The Garvey – Landspire Group	1434 W Compton Blvd	City Council Review	High Density Residential	75	0.009	W Compton Blvd between S Nestor Ave and S Tajauta Ave
The Compton Innovation Center – KBK Enterprises[2]	501-601 E Compton Blvd	Approved	High Density Residential	288	0.035	E Compton Blvd between N Spring Ave and N Willow Ave Manhole ID: 4-1-089
Unnamed Development	1119 and 1121 Rosecrans Ave	Approved	High Density Residential	42	0.005	Rosecrans Ave at Sloan Ave
City Ventures – City of Compton	930 W Compton Blvd	Approved	High Density Residential	60	0.007	W Compton Blvd between S Dwight Ave and S Kemp Ave
250 N Central Ave – Olson Company	250 N Central Ave	In Construction	High Density Residential	57	0.007	W Palmer St at N Albertson Ave
Rosecrans/Kemp	845 Rosecrans Ave	Approved	High Density Residential	12	0.001	Rosecrans Ave between N Kemp Ave and N Wilmington Ave
			Total	563	0.068	-
Total Including RHNA Balance (130 ADUs and 311 Other High Density Residential Units)				1,004	0.121	-

Notes:

1 ADWF = Average Dry Weather Flow

2 The Compton Innovation Center is the only Near-Term development that was included in the limits of Phase I of the hydraulic sewer model created for this Sewer Master Plan Update.


1950 N Central Ave
29 DUs
ADWF = 0.003 MGD
Rosecrans/Kemp
12 DUs
ADWF = 0.001 MGD
Unnamed Development
42 DUs
ADWF = 0.005 MGD
250 N Central Ave
57 DUs
ADWF = 0.007 MGD
The Garvey
75 DUs
ADWF = 0.009 MGD
Compton Innovation Center
288 DUs
ADWF = 0.035 MGD
City Ventures
60 DUs
ADWF = 0.007 MGD
ROSECRANS AVE
WILMINGTON AVE
N ALAMEDA ST
W COMPTON BLVD
ALONDRA BLVD

3.3.1.1 Unit Sewer Flow Generation Factors

Table 3.4 summarizes the unit generation factors used to develop the projected Near-Term dry weather flows from planned developments. The generation factor for light industrial (i.e., logistics warehouse) was developed based on dry weather flow data collected by FM 01. General commercial, institutional, and open space unit generation factors are derived from planning criteria published by comparable agencies in southern California.

A City-specific unit generation factor for multifamily residential units could not be derived from the limited flow monitoring data collected in 2023. Instead, an indoor water use factor of 60 gallons per day per capita (gpcd) was assumed for sewer flow generation of multifamily residential units. The Department of Water Resources' (DWR) recommended indoor water use factor for 2023 is 55 gpcd; therefore, a factor of 60 gpcd is a conservative assumption suitable for planning purposes. Assuming an average household size of 2 persons, the unit generation factor for multifamily residential dwelling units (DU) is equivalent to 120 gpd/DU.

While typically standalone structures, ADUs often have less square footage than traditional single-family homes and therefore can reasonably be assumed to house 2 persons each so that the multifamily residential unit generation factor also applies.

Lastly, the generation factor of 240 gpd/DU for single family residential dwelling units is based on an assumed household size of 4 persons (per census data) and indoor water use factor of 60 gpcd. The generation factors for multifamily and single-family residential units are consistent with those of similar agencies in Los Angeles and Orange County.

Table 3.4 Unit Sewer Flow Generation Factors by Land Use Type

Land Use Type	Unit Generation Factor	
	gpd/DU	gpd/acre
Single-Family Residential[1]	240	-
Multifamily Residential[1]	120	-
General Commercial[2]	-	1,200
Light Industrial[3]	-	500
Public / Institutional[2]	-	1,200
Open Space / Recreation[2]	-	100

Notes:

1 Single-Family and Multifamily Residential factors are based on an indoor water use factor of 60 gpcd and 4 and 2 persons per household, respectively.

2 General Commercial, Public / Institutional, and Open Space / Recreation factors are per published planning criteria from similar agencies in southern California.

3 Light Industrial factor is per 2023 flow monitoring data collected for this Sewer Master Plan Update.

Approximately 11.5% of the City's existing sewer system was surveyed and included in Phase I of the hydraulic model for this Sewer Master Plan Update. To simplify the process for allocation of dry weather flows in the Near-Term scenario, it was assumed that 11.5% of the 130 projected ADUs (15 ADUs) and the 311 undefined (i.e., not already included in a proposed near-term development) RHNA multifamily housing units (36 units) will connect to areas of the system that are included in Phase I of the model. The following **Table 3.5** compares the Near-Term dry weather flows included in Phase I of the model to the total flow that is anticipated following completion of the planned developments and overall RHNA requirement.

Table 3.5 Near-Term Dry Weather Flows – Phase I Model Only

Near-Term Development Type	Proposed Multifamily DUs	Estimated ADWF[1] (MGD)
Planned Development (From Table 3.3)[1]	288	0.035
ADUs[2]	15	0.002
Balance of RHNA Units[2]	36	0.004
Total	**339**	**0.041**

Notes:

1 ADWF = Average Dry Weather Flow

2 Only the Compton Innovation Center (288 DUs) is included in the geographical extents of Phase I of the hydraulic sewer model.

3 Based on the size of Phase I of the model relative to the overall sewer system, it was assumed that 11.5% of the 130 total projected ADUs and 311 remaining RHNA dwelling units will connect to the modeled collection network.

3.3.2 Ultimate (2045) Developments

At the time of writing this Sewer Master Plan Update, no additional developments beyond those already identified in the Near-Term (2030) scenario are anticipated within the City's service area. In the absence of specific development information, the City's projected population growth between 2030 and 2045 was used to calculate a system-wide multiplier representing the increase in sewer flow through the system by the Ultimate (2045) scenario.

As described in Section 3.1.2, the City's population is anticipated to increase 2.6% from 100,455 in 2030 to 103,100 in 2045. Therefore, a system-wide multiplier of 1.026 was applied to the Near-Term dry weather flows to develop the Ultimate scenario.

3.4 Modeled Existing and Future ADWF Summary

Table 3.6 summarizes the average dry weather flows (ADWF) included in each planning scenario of Phase I of the sewer model developed for this Sewer Master Plan Update. Not all dry weather flows within the City's collection system could be measured or otherwise quantified in 2023. Furthermore, the modeled extents of the system were limited by the minimal availability of existing system information.

Table 3.6 Existing and Future ADWF – Phase I Model Only

Model Scenario (Year)	Projected ADWF Increase (MGD)	Total ADWF (MGD)
Existing (2023)	-	1.54[1]
Near-Term (2030)	0.041[2]	1.58
Ultimate (2045)	0.041[3]	1.62

Notes:

[1] Existing ADWF is the sum of all flows measured by the temporary flow monitors installed in Summer 2023 for this Sewer Master Plan Update and does not represent all flows within the City's existing sewer system.

[2] Projected net ADWF increase in Near-Term scenario is per Table 3.5.

[3] Projected net ADWF increase in Ultimate scenario is equivalent to the total modeled (Phase I) Near-Term ADWF multiplied by a population growth factor of 1.026.

As the City continues to survey and model its existing sewer system, additional flow monitoring data should be collected and analyzed to better characterize total dry weather flows within the system and refine the unit generation factors presented in this section. The total ADWF of each planning scenario presented in Table 3.6 is therefore expected to increase and should be updated in anticipation of the City's next master plan update.

4 Sewer Model Development and Calibration

The following section describes the initial existing sewer system survey used to create the sewer model and flow monitoring program conducted in 2023 as part of this Sewer Master Plan Update. The field survey data was used to construct Phase I of the City's new AquaTwin Sewer model. Phase I of the model was calibrated to existing dry weather flows using the flow monitoring data collected in Summer 2023. Since the sewer model was developed within a GIS-based software program, the modeled elements can be exported to a GIS database for City staff to use as the basis of their new digitized asset management system.

4.1 Existing Manhole Survey

A typical sewer model generated using industry standard software, such as the AquaTwin Sewer program by Aquanuity selected by City staff, is based on an existing GIS database of the collection system. The typical GIS database includes invert elevations, pipeline diameters, lengths, and other relevant physical and hydraulic information.

Since the City does not maintain a GIS database or other digitized files of its existing sewer system, a field survey was conducted to obtain the current invert elevations of 100 representative manholes and their associated inlet and outlet pipe diameters. Manholes located upstream of the flow monitors described in Section 4.2 were selected to facilitate calibration of Phase I of the model to existing dry weather flows. Given the limited field survey scope and to maximize the modeled extents of each flow monitored sewershed, manholes at key intersections were selected for survey instead of 100 adjacent manholes. Manhole selection was based on review of the City's sewer index map, which was assumed to be accurate in the absence of any other system data.

Invert elevations for those manholes between the surveyed intersections were interpolated using the field survey data. Future, more comprehensive surveying efforts by the City will "fill in the gaps" with accurate invert elevations for the interpolated manholes and verify pipeline slopes and diameters throughout the collection network.

The existing manhole survey was completed over the course of several months in 2023 by a licensed surveying subcontractor and with the assistance of City maintenance staff. An additional abbreviated field survey was conducted in July 2024 to confirm the invert elevations of several key manholes prior to calibration of Phase I of the model. After the capacity analysis for this project was performed, Dudek had additional surveying performed in April 2025 on approximately 50 manholes to confirm two areas that were showing potential capacity restrictions in the initial capacity analysis. Due to the uncertainty of pipeline diameters and pipe configurations between key intersections, Dudek determined it was valuable to confirm exact data to confirm the capacity analysis results. As a result of the third April 2025 survey, one location was found to no longer show a capacity limitation in the hydraulic model, The locations of the surveyed manholes are depicted in **Figure 4.1**.

Comparison of the manhole survey data to the City's sewer index map revealed several discrepancies in pipeline network configuration between the two information sources. Most notably, the City's index map indicated that all connected gravity mains west of Manhole 4-5-013 at E Alondra Blvd and S Crane Ave flow into the pipeline whose flows are measured by FM 06 as shown in Figure 4.1. However, the survey data revealed that flows from most of the

collection network west of Manhole 4-5-013 are not measured by FM 06 but instead likely turn south prior to Santa Fe Ave.

Therefore, certain surveyed areas of the City's collection system were not included in Phase I of the sewer model since the dry weather flows generated within these areas were not measured by the 2023 flow monitors as previously assumed. Any manhole and connected gravity mains that were surveyed in 2023 but found to not lie within the measured sewersheds are represented as dashed blue lines in Figure 4.1.

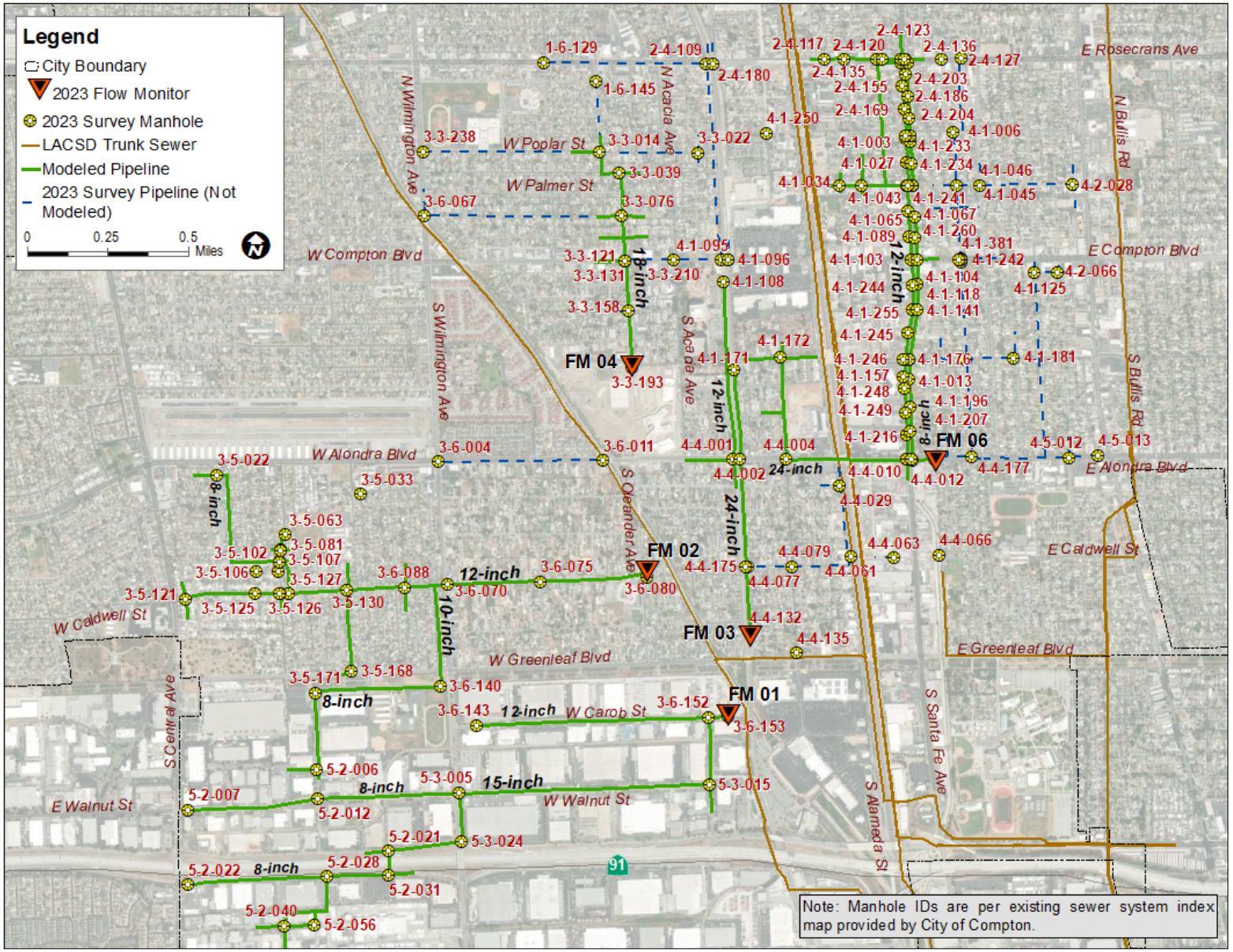


Figure 4.1 2023 Manhole Survey and Flow Monitor Locations

4.2 Flow Monitoring Program

Sewer flow monitoring data is used to evaluate the current usage patterns and remaining capacity within an existing collection system. Critical for this Sewer Master Plan Update, flow monitoring data also serves as the basis for validation of model calibration to existing flow conditions. The resultant flow monitoring data should reflect the system's general response to rainfall dependent inflow and infiltration (RDII) as well as typical dry weather flow patterns.

As stated in previous sections, the 2008 Master Sewer Study was not based on field measured sewer flows. Instead, the 2008 Study employed a highly conservative approach in which the maximum potable water usage was used to develop the existing dry weather scenario. In reality, the sewer flows generated by a community will always be less than the corresponding water demand due to consumption, surface runoff, and other factors.

For the Sewer Master Plan Update, a temporary sewer flow monitoring program was implemented, featuring six (6) strategically-placed flow monitors. These locations were selected based on the City's index map of the collection system to accurately measure flows within designated sewersheds. A sewershed is defined as an area where all sewer flows converge to a single point, which can be measured using a flow monitoring device. With the approval of City staff, ADS Environmental Services (ADS) was contracted to oversee the installation, data analysis, and removal of the six flow monitors. Each of these six locations was situated upstream of a LACSD outfall, where the City's collection system discharges into the regional collection system.

The flow monitoring period extended from August 12 through September 13, 2023, as summarized in the report prepared by ADS and included in **Appendix B.** The flow monitor locations are depicted in Figure 4.1.

4.2.1 Flow Monitoring Results

ADS logged flow data at six locations within the City's collection system from August 12, through September 13, 2023, for a total of four weeks.

A review of the flow monitoring data generated the following conclusions, later applied during the dry weather model calibration described in Section 4.4.

- FM 03 recorded continuous backwater conditions starting on August 13, 2023, and persisting throughout the flow monitoring period. Surcharging was observed from August 14 to August 24, until downstream cleaning of the LACSD regional pipelines was completed. Afterward, FM 03 continued to experience backwater conditions and occasional surcharging. Data collected after midday on August 13 are considered unreliable due to the severe backwater conditions. These conditions were assumed to be caused by the LACSD siphon located downstream of the LACSD outfall, upstream of which FM 03 was located. This issue was unknown at the time of flow monitor site selection.

- FM 05 measured effectively zero flow during the monitoring period, indicating the City's index map does not accurately depict the upstream sewer alignment used to select the sewershed for monitoring. This sewershed was therefore not modeled nor calibrated to existing sewer flows in Phase I of the sewer model.

- The wet weather event that occurred on August 20, 2023, is equivalent to approximately a one-year frequency storm and was the only wet weather event recorded during the monitoring period.

4.2.2 Dry Weather Time Patterns

The flow monitoring data was used to develop a unique dry weather hourly time pattern for each measured sewershed. An hourly time pattern is a series of twenty-four (24) multipliers, one for each hour of a day, that is applied to a given average dry weather flow to approximate the observed daily variations in sewer flow within a sewershed. The multiplier assigned to each hour is also known as a peaking factor. Hourly time patterns are created by normalizing measured sewer flows over a 24-hour period, such that the average of all peaking factors is 1.0.

The highest peaking factor in an hourly time pattern represents the peak dry weather flow measured at the outlet pipe of its associated sewershed, as summarized by the following formula:

Peak Dry Weather Flow (PDWF) = Maximum Peaking Factor (PF) x Average Dry Weather Flow (ADWF)

Of the five viable flow monitors, four were located downstream of sewersheds containing predominantly residential parcels. In general, residential sewersheds experience higher flows during the weekends than weekdays. Therefore, the residential sewersheds were calibrated to weekend dry weather flow data.

Consistent with a typical resident's daily routine, a residential time pattern often exhibits two peaks that occur in the late morning and early evening. In general, smaller sewersheds will experience a more significant peaking response (i.e., higher maximum peaking factor) compared to larger sewersheds due to the concentrated effect of fewer dwelling units. The average diurnal maximum peaking factor of the four residential sewersheds is 1.35.

FM 01 measured flows generated by an area of the City dominated by commercial and light industrial land use types. Compared to residential time patterns, a commercial pattern does not demonstrate distinct peaks but rather a sustained level of flow during typical working hours.

Predictably, a sewershed containing primarily commercial or industrial customers experiences higher flows during the weekdays than weekends. To establish a conservative base flow, the sewershed measured by FM 01 was calibrated to weekday dry weather flow data. The diurnal maximum peaking factor of this sewershed is 1.50.

Figure 4.2 depicts the dry weather hourly time patterns of the five flow monitored sewersheds in the City's existing system.

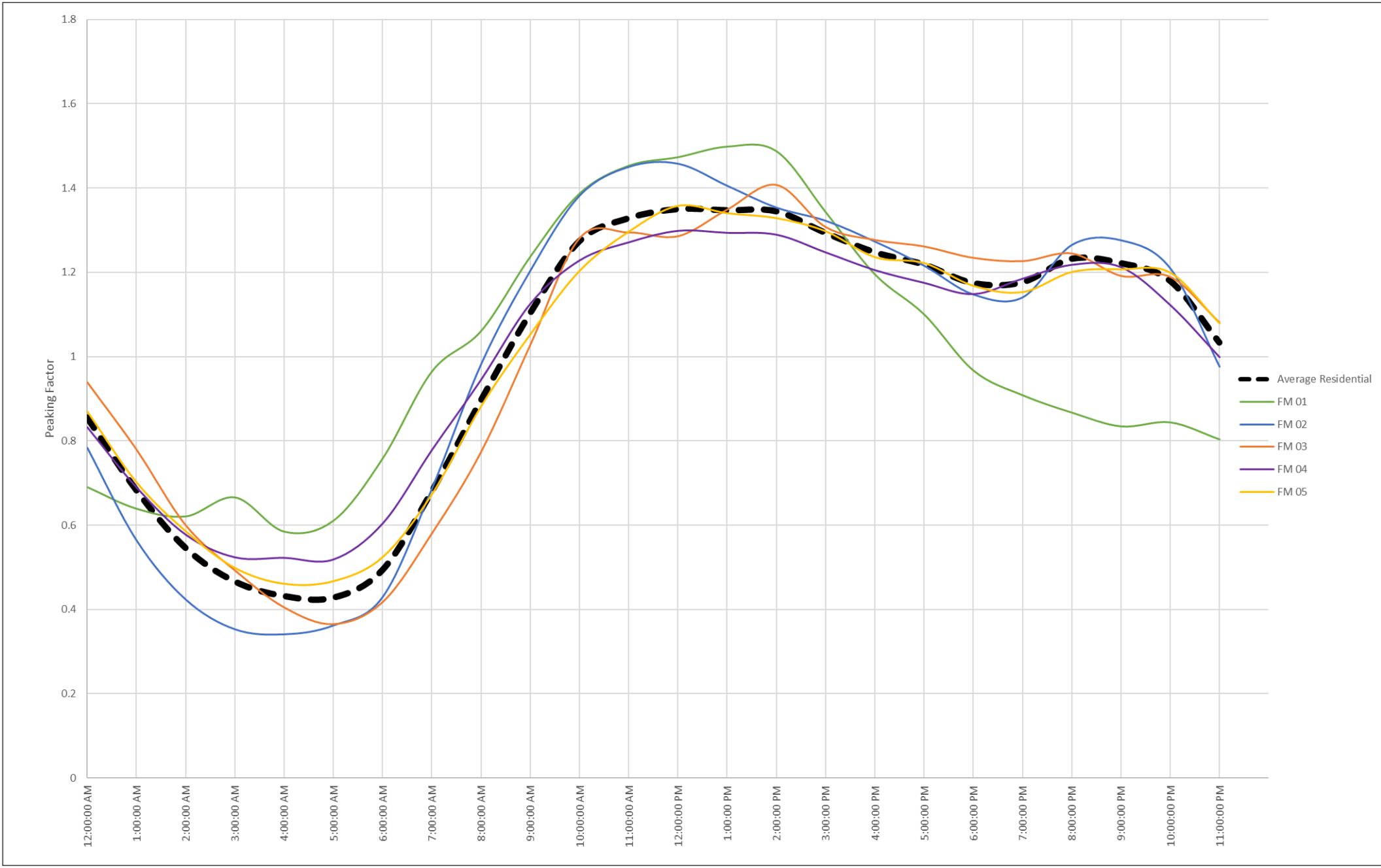


Figure 4.2 Dry Weather Hourly Time Patterns

4.3 Sewer Model Development

The principal tool used to analyze the capacity of a sewer collection system is a hydraulic model of the system that can simulate dry and wet weather flow conditions. As part of this Sewer Master Plan Update, the initial phase or Phase I of a new hydraulic model was developed within Aquanuity's AquaTwin Sewer program using current survey and flow monitoring data.

4.3.1 Model Network Generation

Since the City does not maintain a GIS database of its sewer system, the following data sources were referenced during development of the model network:

- Existing City sewer system index map with manhole ID and flow arrow labels in PDF format
- Existing City sewer system index map with only pipeline diameter labels in PDF format
- Sewer maps associated with the City's "Sewer Management Program" dated December 1987 and prepared by CH2MHill. These maps generally align with the index maps listed above but are not stamped as as-built drawings and therefore should not be considered as a definitive representation of the City's existing system.
- CCTV condition assessment data
- Invert elevations, pipeline diameters, and flow directions for 100 manholes as selected for the 2023 field survey of the City's existing system
- Google Earth satellite imagery and Street View technology

The model creation process encountered several significant challenges, including the absence of any sewer system data in GIS file format and observed inconsistencies between contemporary field survey data and the City's sewer index map. A field survey of 100 manholes was conducted to collect accurate invert and pipeline information and subsequent creation of Phase I of a new hydraulic sewer model. As described in Section 7, the City should include provisions for expanding the sewer model using additional survey data in future fiscal year budgets.

Phase I of the model was envisioned to include six sewersheds whose extents were approximated using the City's existing sewer system index map. 100 manholes across the six sewersheds were selected for field survey, with particular emphasis on manholes located at major street intersections, flow diversion points, or changes in pipeline diameter based on the index map. Of the six sewersheds, FM 05 did not measure any flow during the designated monitoring period, suggesting that the upstream pipe network configuration has changed significantly since publication of the City's index map.

Generally, when the diameter of a surveyed pipeline was noted to be greater than the diameter shown on the index map, it was assumed that an improvement project had been completed in the field but not incorporated into the index map. In such cases, the surveyed pipeline diameter was included in Phase I of the sewer model if it made sense in the context of the smaller pipelines (e.g. smaller diameter pipes flow downstream to larger diameter pipes).

Additionally, human error may have occurred during the field survey, especially at locations where numerous sewer manholes share the same street intersection (e.g., Compton Blvd and Pearl Ave). Survey data collected at these manholes are of "low-confidence" but still included as inactive elements in Phase I of the sewer model. For any other

observed discrepancies, all data sources summarized above were thoroughly reviewed and best engineering judgment applied to determine pipeline diameters and connectivity.

4.3.2 Existing Dry Weather Flows Allocation

Average measured weekend dry weather flows were allocated evenly across all modeled manholes within the primarily residential sewersheds of FM 02, FM 03, FM 04, and FM 06. For FM 03, the average flow from only a single day (August 12, 2023) was used due to the backwater effects observed during most of the flow monitoring period.

The average measured weekday dry weather flow was allocated evenly across all modeled manholes within the primarily commercial and light industrial sewershed of FM 01. In addition, the City provided daily water consumption rates for the top twenty water users within the City of Compton Water Department's service area. The majority of the top 20 users were industrial and commercial land use types. Four of the top 20 users are contained within the limits of Phase I of the sewer model and summarized in **Table 4.1** below.

Table 4.1 Top Water Users in Phase I Sewer Model

Service Address	User Type	Water Consumption (GPD)	Equivalent ADWF (MGD)	Sewershed
609 W Compton Blvd	Laundry (Commercial)	919	0.0009	FM 04
509 W Compton Blvd	Laundry (Commercial)	644	0.0006	FM 04
608 E Compton Blvd	Pacific Bell (Industrial)	593	0.0006	FM 06
215 N Mayo Ave	Multi-Family Residential	527	0.0005	FM 06

As a conservative measure, and due to user type, it was assumed that the average daily water consumption is equivalent to the sewer flows generated by each top user under dry weather conditions. As noted previously, in practice the sewer flow generation rate is always less than the corresponding water demand factor. However, the water consumption of the top users is sufficiently minor compared to the overall measured flows within each sewershed that a sewer reduction factor was deemed unnecessary. Following the addition of the top water users to Phase I of the model, the dry weather flows assigned to each modeled manhole in the affected sewersheds were adjusted to better align modeled calibration results to measured flows.

4.3.3 Existing Wet Weather Flows Allocation

As summarized in Section 4.2.1, the most significant wet weather event recorded in Summer 2023 was a one-year storm. In the context of a Sewer Master Plan Update, which typically occurs every ten years or more, flow monitoring data collected during a one-year storm is not considered statistically significant to warrant creation and calibration of a wet weather scenario. Nevertheless, the following section summarizes the typical methodology used to calibrate a sewer model to design storm data for the benefit and understanding of City staff.

During and following a wet weather event, flows through a wastewater collection system increase due to the dual phenomena of inflow and infiltration (I&I). Typically, inflow occurs at the onset of a wet weather event, as rainwater enters a collection system directly via illicit storm drain connections or unsealed manhole covers. The impact of inflow is reflected as a sudden increase in flow within the collection system. In contrast, infiltration is the process by which water from saturated soils enters the system through pipeline defects such as fractures, breaks, or improperly fitted lateral connections. A persistently high groundwater table may result in low levels of system infiltration throughout the year regardless of wet weather events.

Model parameters are developed and adjusted to reproduce the observed characteristics of rainfall-derived inflow and infiltration (RDII) during the selected design storm. These parameters are specific to each measured sewershed and contained within a model element known as a RDII hydrograph. Each RDII hydrograph is comprised of three-unit hydrographs, representing the short-term, intermediate-term, and long-term response of a sewershed to RDII as illustrated in **Figure 4.3**.

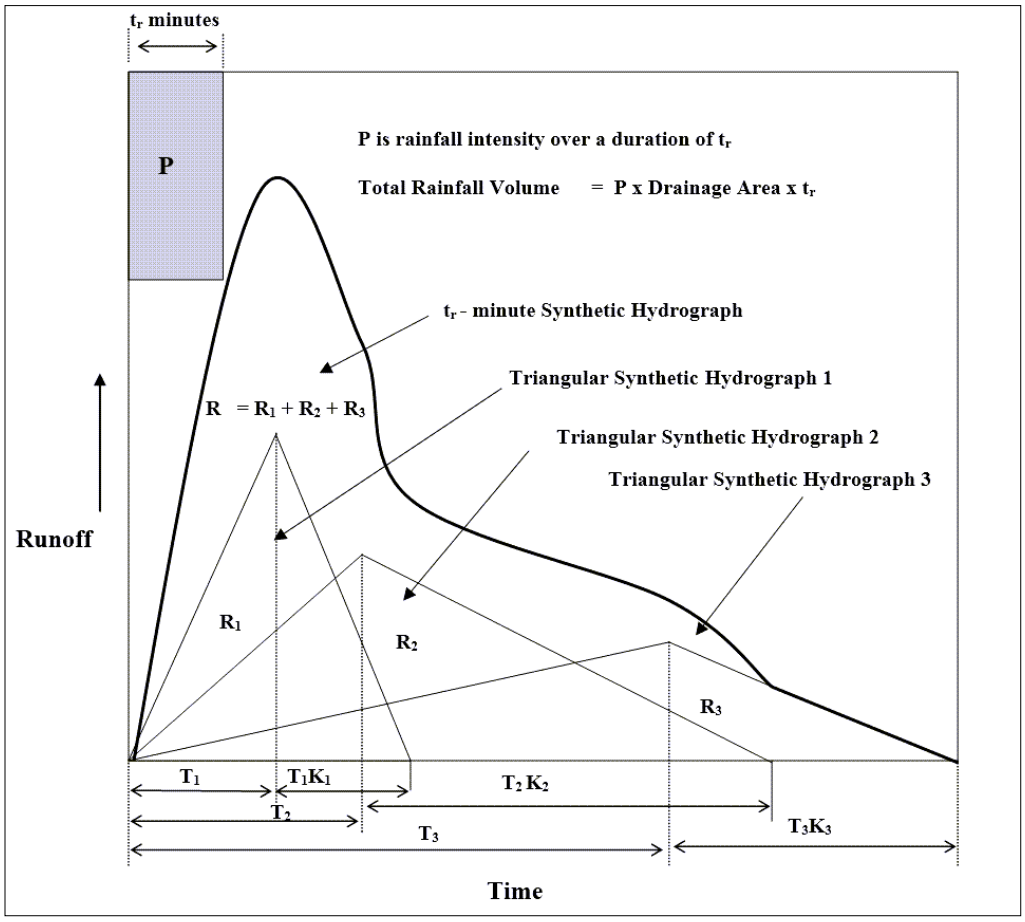


Figure 4.3 Model RDII Hydrograph

Each of the three-unit hydrographs is defined by the following three variables:

- R – Percentage of rainfall volume that enters the sewer collection system
- T – Time from start of rainfall to the peak of the hydrograph, in hours
- K – Ratio of time to recession of the unit hydrograph to the time of peak rainfall

Instead of calibrating Phase I of the City's sewer model to a statistically insignificant (i.e., one-year) storm, an artificial diurnal pattern was developed to replicate the effects of a probable wet weather event. The methodology used to develop a simulated wet weather scenario for capacity analysis of the City's modeled sewer system is summarized in Section 5.4.

4.4 Dry Weather Model Calibration

Phase I of the City's sewer model was calibrated to existing (2023) dry weather flows by comparing the modeled to measured flows at each flow monitor location over a 24-hour period and, if necessary, adjusting each sewershed's diurnal time pattern until both modeled average and peak dry weather flows were within 10% difference of their measured counterparts.

Table 4.2 compares the modeled average and peak dry weather flows of each viable sewershed (i.e., excluding FM 05) to their corresponding measured values. All sewersheds were calibrated to less than 1% difference between their measured and modeled average and peak dry weather flows.

Figure 4.4 through **4.7** depicts the modeled and measured diurnal dry weather flow pattern for each sewershed, excluding FM 05.

Table 4.2 Model Calibration Results – Existing (2023) Dry Weather Flow

Sewershed/ Flow Monitor ID[1]	Average Dry Weather Flow			Peak Dry Weather Flow		
	Measured (MGD)	Modeled (MGD)	% Difference	Measured (MGD)	Modeled (MGD)	% Difference
FM 01	0.125	0.125	0.4%	0.187	0.182	2.5%
FM 02	0.204	0.203	0.4%	0.298	0.296	0.5%
FM 03	0.428	0.428	0.0%	0.602	0.601	0.2%
FM 04	0.417	0.419	0.4%	0.541	0.544	0.4%
FM 06	0.368	0.370	0.5%	0.500	0.495	0.9%
Totals	1.542	1.545	0.2%	2.128	2.118	0.5%

Note:

[1] FM 05 was excluded due to measuring zero flow during the monitoring period. Refer to Section 4.2.1 for additional detail.

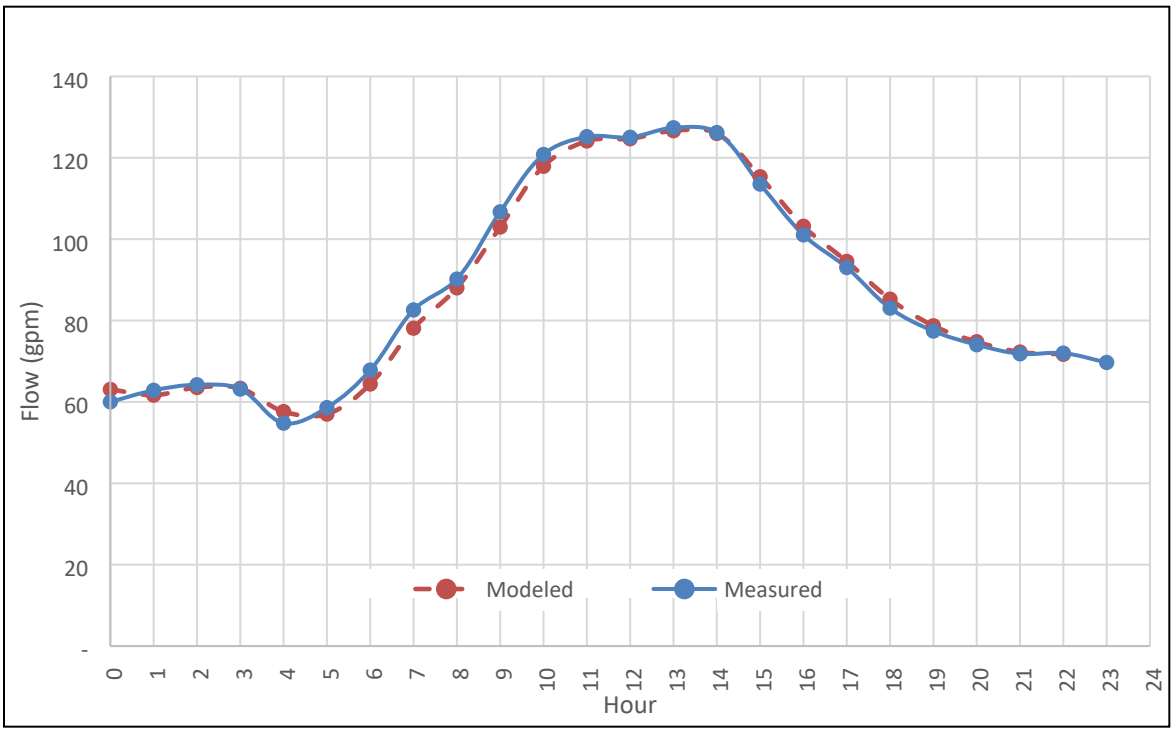


Figure 4.4 FM 01 Modeled vs Measured Flow

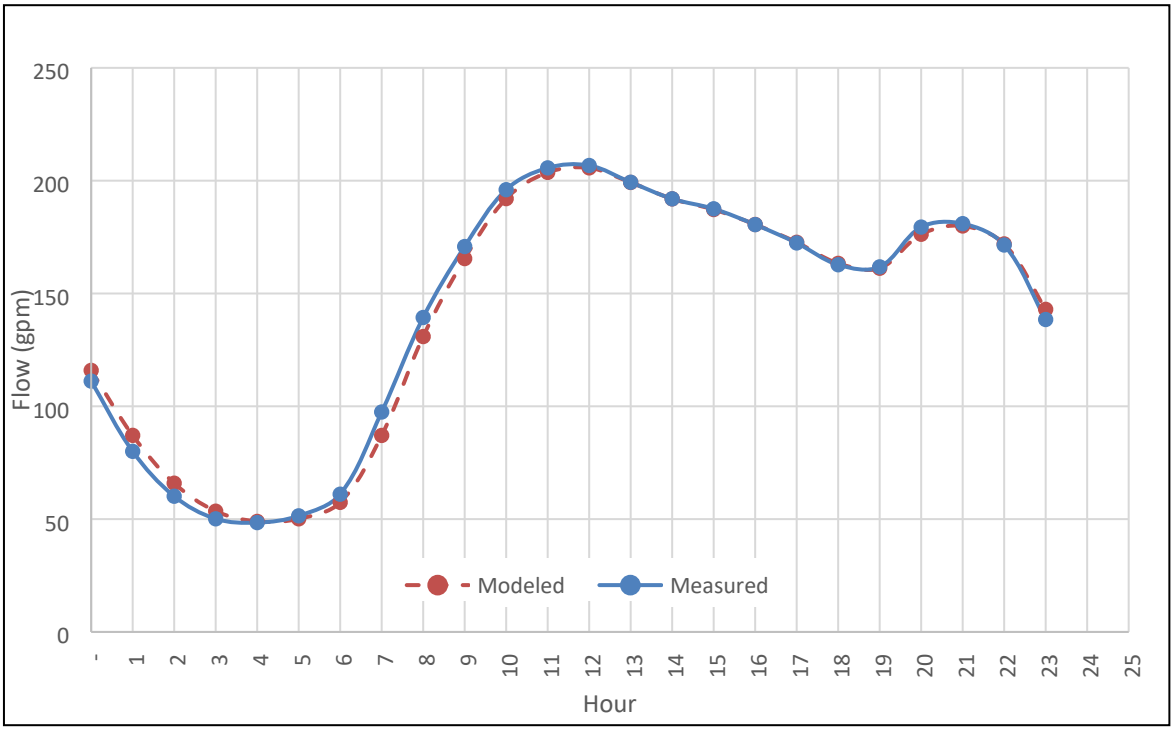


Figure 4.5 FM 02 Modeled vs Measured Flow

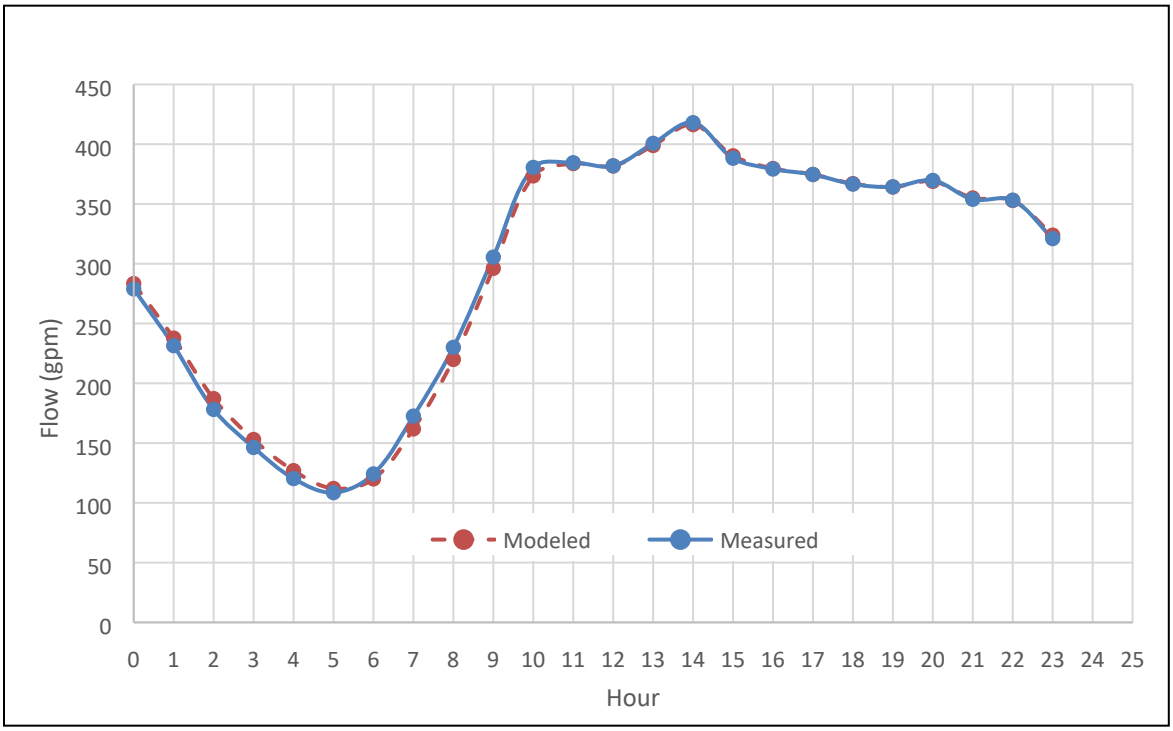


Figure 4.6 FM 03 Modeled vs Measured Flow

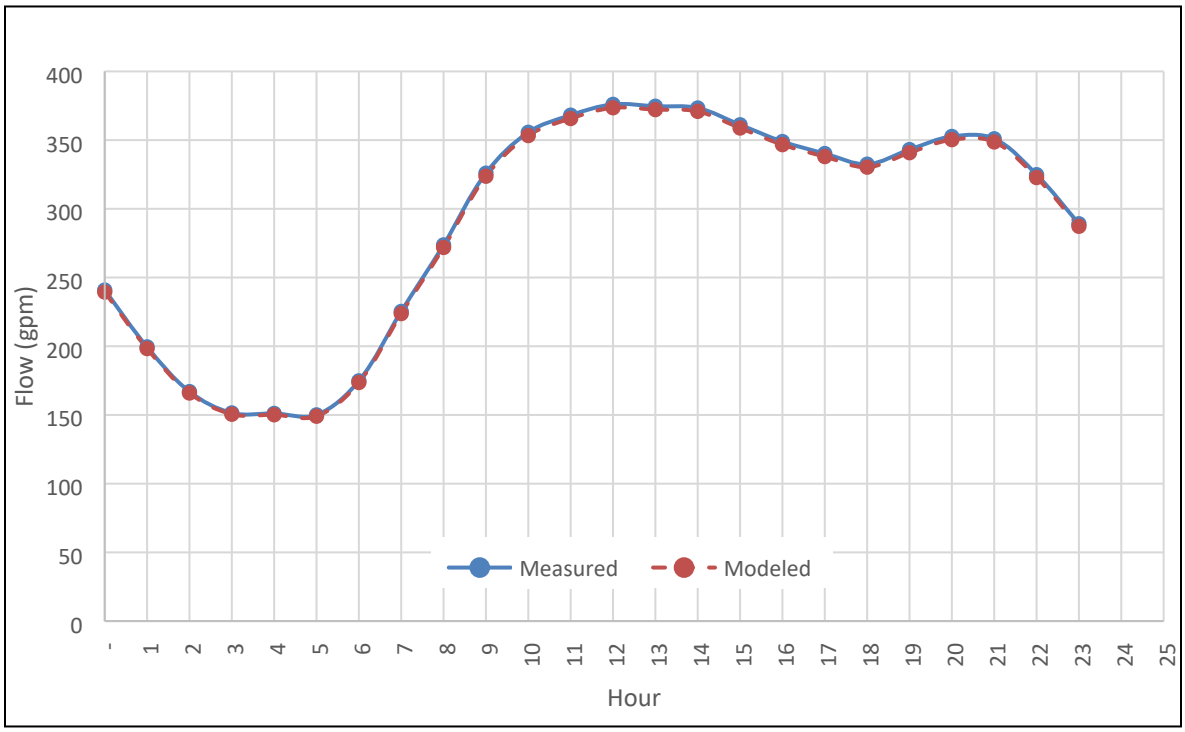


Figure 4.7 FM 04 Modeled vs Measured Flow

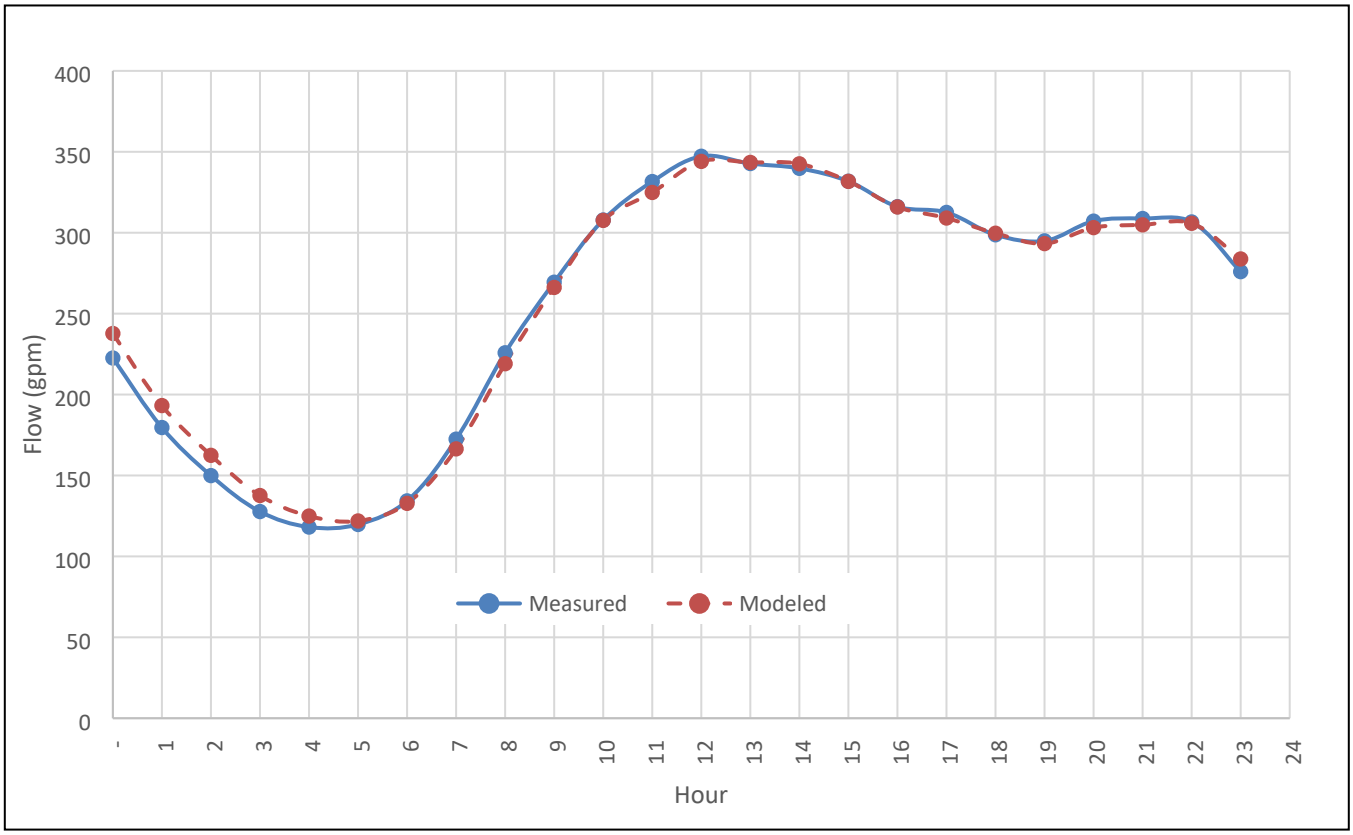


Figure 4.8 FM 06 Modeled vs Measured Flow

5 Collection System Capacity Analysis

The following section summarizes the results of the capacity analyses performed on Phase I of the City's existing sewer system model under Existing, Near-Term (2030), and Ultimate (2045) dry and simulated wet weather flow conditions. Phase I of the newly created and calibrated sewer model was used to analyze each flow scenario. Model results were compared to criteria developed for this Sewer Master Plan Update and used to identify pipelines with potential capacity deficiencies.

In addition, this section summarizes recommended pipeline design criteria for the City to reference when designing new facilities intended to improve or expand the existing system.

5.1 Pipeline Design Criteria

Sewer design criteria are guidelines for the City to follow when planning or designing improvements to the existing system. Such improvements may be intended to address existing system deficiencies or accommodate future projected flows from planned developments, like those described in Section 3. The 2008 Master Sewer Study did not provide any sewer design criteria for the City to adopt. Historically, the City has not formally published any criteria for the design of gravity collection mains or other sewer facilities.

The sewer design criteria presented in **Table 5.1** were developed after consultations with City staff and a review of design criteria published by neighboring agencies in southern California. Design criteria for force mains and lift stations are not included as the City does not own or operate any sewage pumping facilities.

Due to a lack of wet weather flow data and corresponding RDII rates collected in the City's service area for this Sewer Master Plan Update, the following design criteria were developed based on peak dry weather flows (PDWF). An allowance for potential wet weather flows is accounted for through a conservative recommended depth of flow relative to the new gravity main diameters.

Table 5.1 Sewer Design Criteria – Pipelines

General Criteria	Minimum Pipeline Diameter	8-inch
	Minimum Velocity at Peak Dry Weather Flow (PDWF)	2.0 fps
	Minimum Velocity at PDWF for Inverted Siphons[1]	3.5 fps
	Manning's Roughness Coefficient "n"	0.013
Maximum d/D[2] at PDWF	Diameter < 12-inch	0.50
	Diameter = 12-inch	0.67
	Diameter > 12-inch	0.75

Notes:

1 All inverted siphons shall have a minimum of two barrels such that one barrel can be taken out of service for maintenance. The design minimum daily flushing velocity for inverted siphons may be as low as 3.0 fps.

2 d/D is the ratio of the depth of sewer flow ("d") in the gravity main to the pipeline diameter ("D").

The capacity within a sewer gravity main is a function of pipeline diameter, roughness, allowable flow depth, and slope as described by Manning's Equation:

$$\boldsymbol{Q = 1.486 \times A \times R^{2/3} \times S^{1/2} \times n^{-1}}$$

Where:

Q = Volumetric flow rate (cubic feet per second)

A = Cross-section area of flow (square feet)

R = Hydraulic radius (feet)

S = Pipe slope (feet per feet)

n = Manning's roughness coefficient

Where:

$R = A/P$

P = Wetted perimeter (feet)

The maximum depth over diameter ratio (d/D) of a gravity main can be derived using Manning's Equation and is the primary value used to evaluate the available capacity of an existing or proposed gravity main.

In general, sewer gravity mains are not intended to flow full (i.e., maximum d/D of 1.0), as unoccupied space at the top of the pipeline is required to accommodate sewer gases in addition to a measure of RDII entering the system during a typical wet weather event. In a standard collection system, gravity mains that are constantly flowing at or near full capacity may be at increased risk of sanitary sewer spills during periods of peak flow or a significant wet weather event.

The Manning's roughness coefficient ("n") of pipelines varies with material and age. A roughness coefficient of 0.013 is commonly used when evaluating existing pipeline capacity and assessing future system needs. Studies have indicated that a roughness coefficient of 0.013 is a conservative estimate of the average friction factor of typical gravity mains over their useful lifespan.

5.2 Pipeline Deficiency Criteria

The recommended sewer design criteria presented in Section 5.1 were developed with consideration for a degree of unoccupied space within the pipeline to accommodate increased flows through the system during a wet weather or other elevated flow event. In addition to these design criteria, agencies often employ separate deficiency criteria to determine when an existing pipeline should be replaced with a larger diameter (i.e., upsized) line to mitigate the risk of spills or other service interruptions.

Deficiency criteria are also referred to as "trigger" criteria because they result in a recommendation for a pipeline improvement project. For example, the 2008 Master Sewer Study allowed for a maximum d/D of 0.50 under any flow condition regardless of pipeline diameter before triggering a capacity improvement project.

Table 5.2 summarizes the pipeline deficiency criteria used to evaluate the capacity of existing gravity sewer mains in this Sewer Master Plan Update. Compared to the 2008 Master Sewer Study, the criteria used to evaluate the City's

existing collection system under PDWF conditions is less conservative but more realistic, as they account for the variation in pipeline diameters throughout a collection system. For example, an 18-inch trunk main flowing half full (i.e., maximum d/D of 0.50) has significantly more remaining available capacity than an 8-inch main also flowing half full. In addition, the complexity and cost of pipeline replacement projects typically increases as the diameter increases.

When determining the order of completion of recommended improvement projects, any potential capacity deficiencies identified under PDWF conditions are prioritized over those anticipated under PWWF.

Table 5.2. Sewer Deficiency Criteria – Pipelines

Maximum d/D at PDWF	Diameter < 24-inch	0.75
	Diameter ≥ 24-inch	1.0
Maximum d/D at PWWF	All Diameters	1.0

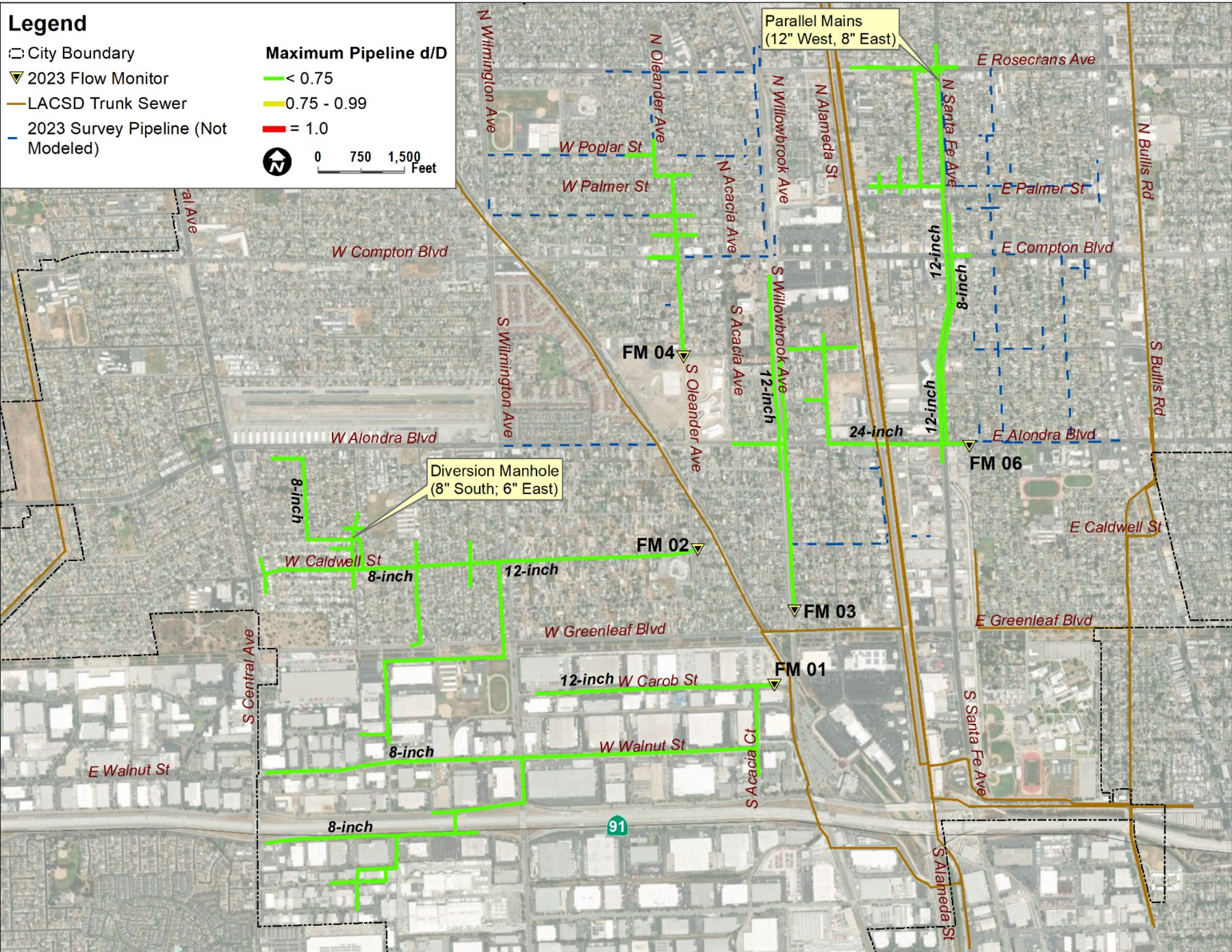
5.3 Dry Weather Capacity Analysis

The following sections present the results of the capacity analyses performed on Phase I of the City's sewer model under Existing, Near-Term (2030), and Ultimate (2045) PDWF conditions.

5.3.1 Existing (2023) Dry Weather Flow

The capacity of the City's modeled collection system was analyzed under Existing (2023) PDWF conditions. Maximum d/D for modeled City-owned gravity pipelines as predicted by the model over a representative 24-hour dry weather period were compared to the deficiency criteria summarized in Section 5.2.

As depicted in **Figure 5.1,** no City-owned gravity pipelines are anticipated to exceed the deficiency criteria under Existing PDWF conditions.


Legend
City Boundary
2023 Flow Monitor
LACSD Trunk Sewer
2023 Survey Pipeline (Not Modeled)
Maximum Pipeline d/D
< 0.75
0.75 - 0.99
= 1.0
0 750 1,500 Feet
Parallel Mains (12" West, 8" East)
Diversion Manhole (8" South; 6" East)
FM 01
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FM 06
N Wilmington Ave
N Oleander Ave
N Willowbrook Ave
N Alameda St
N Santa Fe Ave
N Bullis Rd
W Poplar St
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S Acacia Ave
S Willowbrook Ave
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E Caldwell St
W Caldwell St
W Greenleaf Blvd
E Greenleaf Blvd
W Carob St
W Walnut St
E Walnut St
S Central Ave
S Santa Fe Ave
S Alameda St
S Acacia Ct
12-inch
8-inch
24-inch
91

5.3.2 Near-Term (2030) Dry Weather Flow

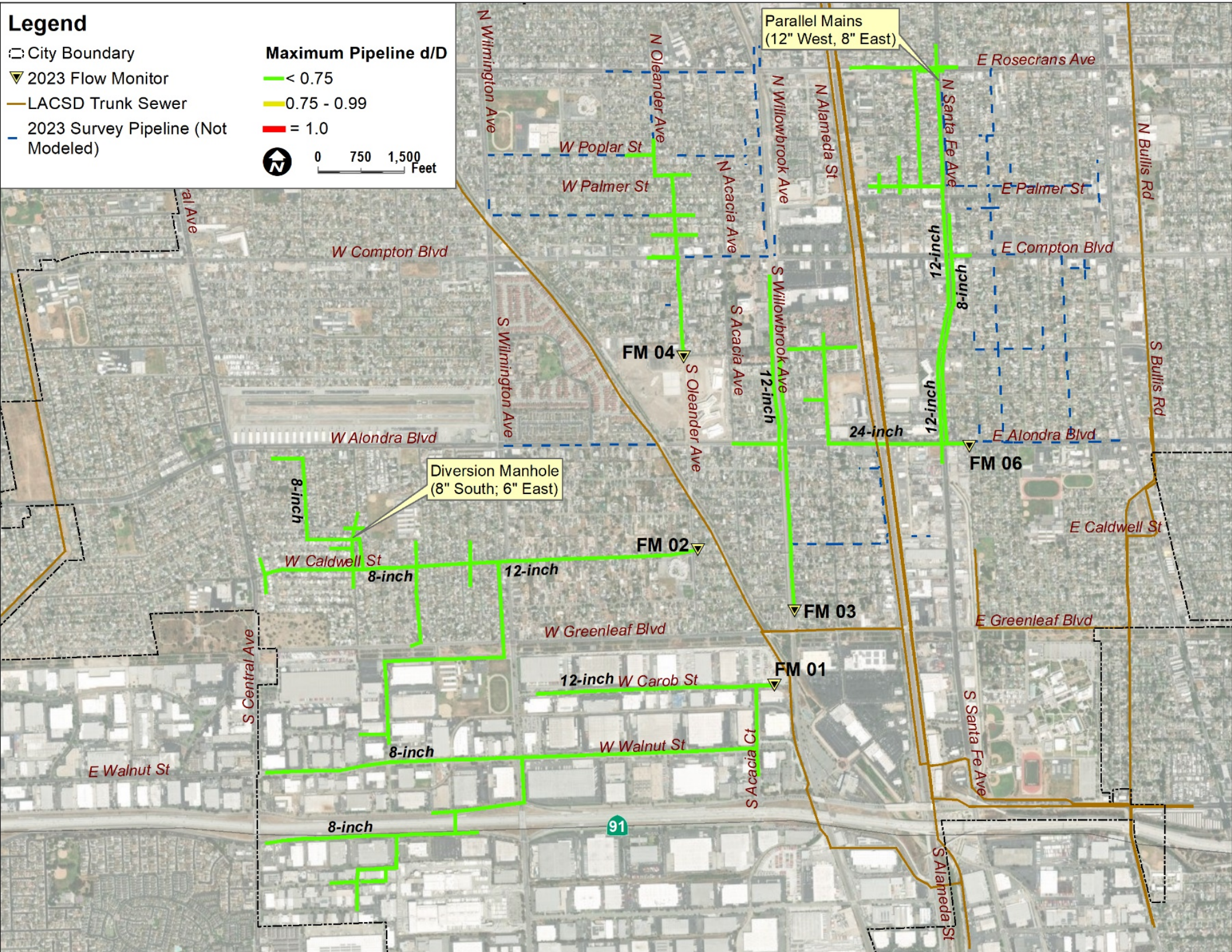
The capacity of the City's modeled collection system was analyzed under Near-Term (2030) PDWF conditions. Maximum d/D for modeled City-owned gravity pipelines as predicted by the model over a representative 24-hour dry weather period were compared to the deficiency criteria summarized in Section 5.2.

As depicted in **Figure 5.2,** no modeled City gravity mains are anticipated to exceed the deficiency criteria under Near-Term PDWF conditions. Given the minimal increase in dry weather flow (339 multifamily dwelling units or 0.041 MGD), no material difference in capacity results was anticipated between the Existing and Near-Term scenarios.

5.3.3 Ultimate (2045) Dry Weather Flow

The capacity of the City's modeled collection system was analyzed under Ultimate (2045) PDWF conditions. Maximum d/D for modeled City-owned gravity pipelines as predicted by the model over a representative 24-hour dry weather period were compared to the deficiency criteria summarized in Section 5.2.

As depicted in **Figure 5.3,** like the preceding scenarios no City gravity mains are anticipated to exceed the deficiency criteria under Ultimate PDWF conditions. Due to the mostly built out nature of the City, the modeled increase in dry weather flow between the Existing and Ultimate scenarios is only anticipated to be 0.082 MGD or 5%, a minor change that is unlikely to impact any pipeline capacity results that are not already on the verge of exceeding deficiency criteria.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N Alameda St
N Santa Fe Ave
N Bullis Rd
W Poplar St
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N Acacia Ave
E Rosecrans Ave
E Palmer St
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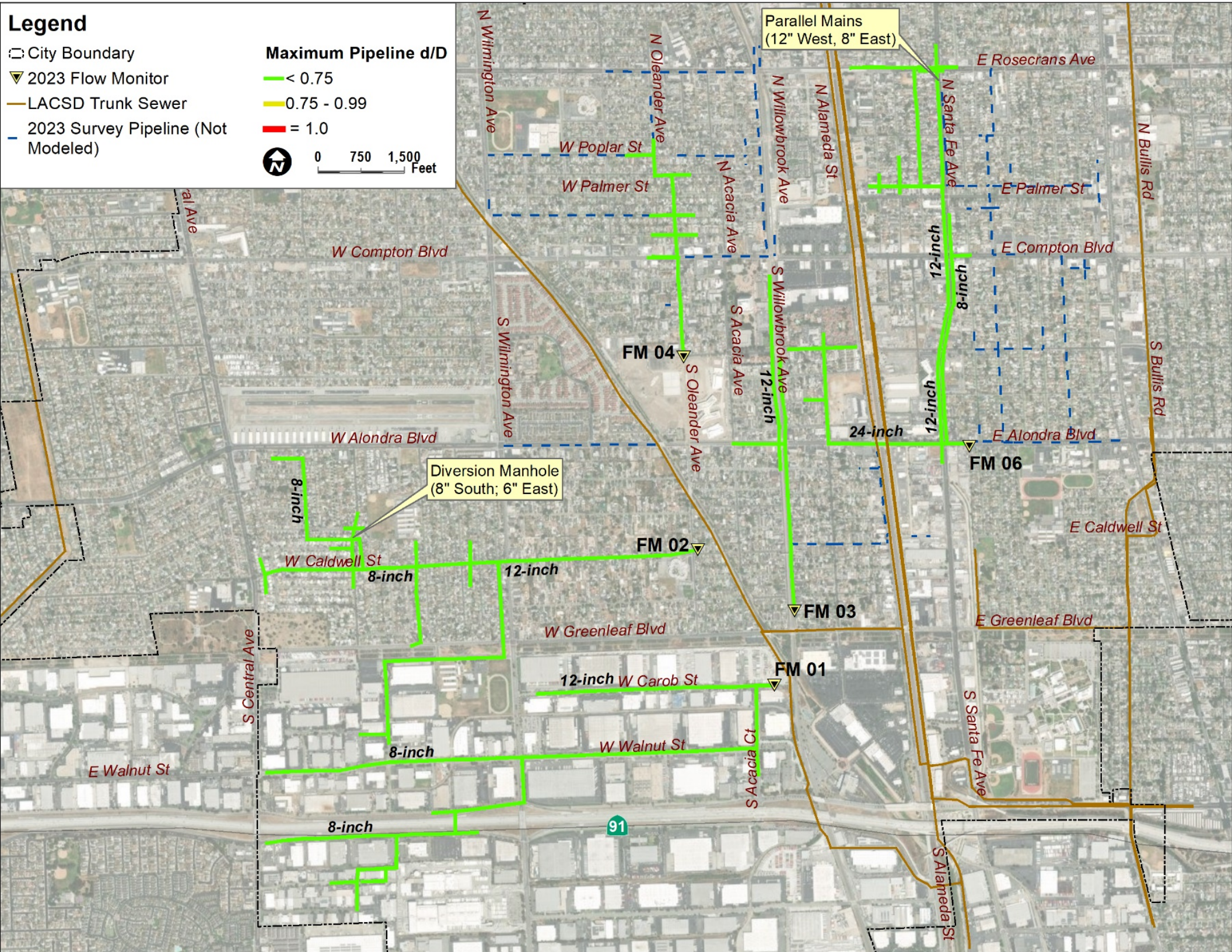
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E Palmer St
E Compton Blvd
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W Carob St
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S Central Ave
S Santa Fe Ave
S Alameda St
S Acacia Ct
12-inch
8-inch
24-inch
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5.4 Wet Weather Capacity Analysis

The following sections present the results of the capacity analyses performed on Phase I of the City's sewer model under Existing, Near-Term (2030), and Ultimate (2045) simulated PWWF conditions.

5.4.1 Existing (2023) Wet Weather Flow

No historical wet weather flow monitoring data was available to use in development of an existing model wet weather flow scenario based on observed RDII factors. Instead, the following equations were used to calculate average and peak wet weather flows within each sewershed in Phase I of the City's sewer model, respectively:

$$AWWF = 1.2\ x\ ADWF$$

$$PWWF = 3.0\ x\ PDWF$$

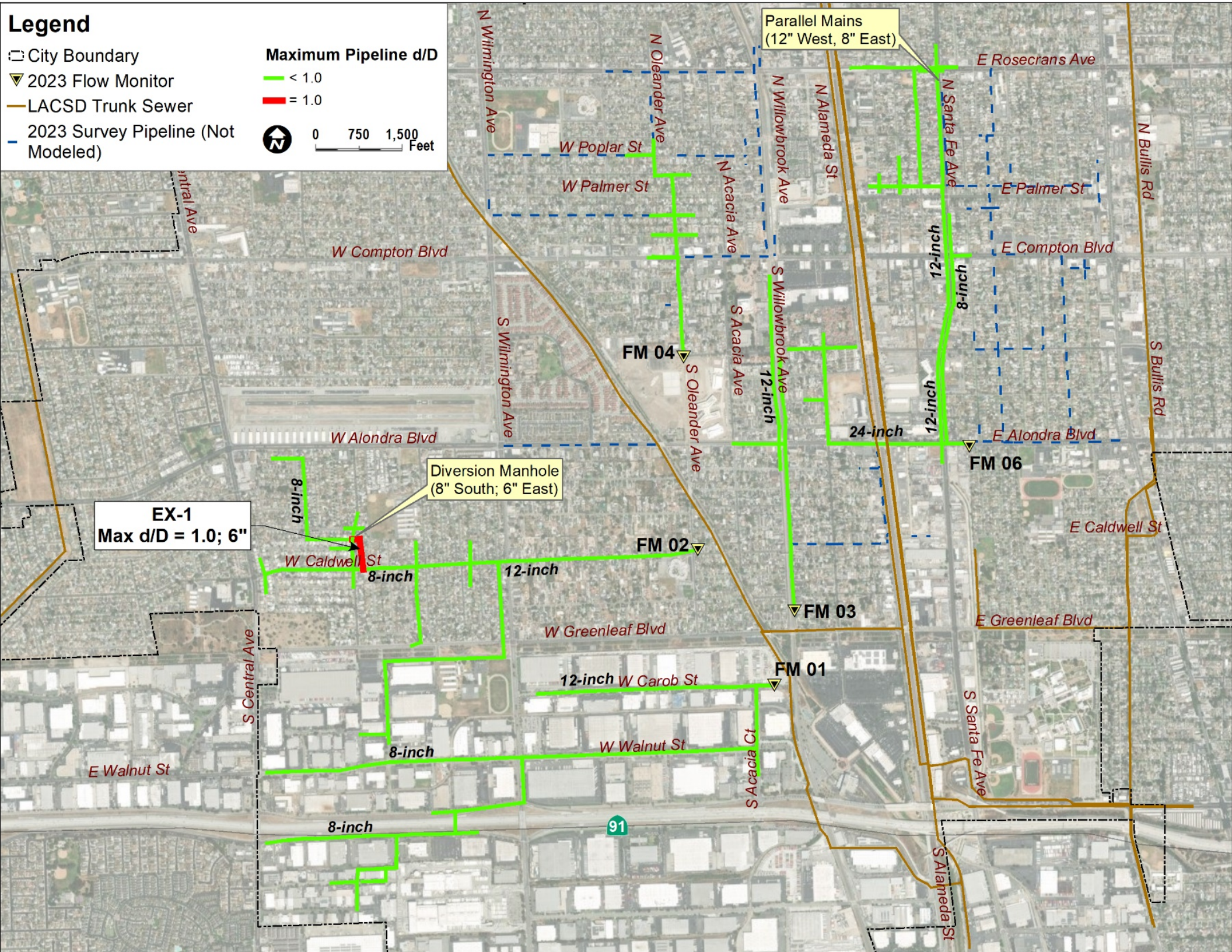
In other words, the simulated existing wet weather flow scenario assumes that over a 24-hour period the average wet weather flow is 20% greater than the average flow over an equivalent dry weather period to account for RDII that may enter the system. Similarly, the peak hourly flow over a 24-hour wet weather period is assumed to be three times the peak dry weather flow. These values are based on plausible peaking factors seen at similar agencies in Southern California and are intended to provide a probable wet weather simulation for a capacity evaluation of the City's existing system under PWWF conditions.

Maximum d/D for modeled City-owned gravity pipelines, as predicted by the model over the simulated 24-hour wet weather period, were compared to the deficiency criteria summarized in Section 5.2. As depicted in **Figure 5.4**, an existing 6-inch gravity main in S Cliveden Ave north of W Caldwell St is anticipated to flow full under simulated Existing PWWF conditions. The 6-inch main is the eastern outlet of a diversion manhole located at the intersection of W Tichenor St and S Northwood Ave, identified during the April 2025 field survey. A second outlet pipe with a surveyed diameter of 8-inch continues directly south within S Northwood Ave. According to field survey data, the 6-inch main in S Cliveden Ave is the current preferred direction of flow through the diversion manhole.

Table 5.4 summarizes the pipeline deficiency identified under Existing simulated PWWF conditions.

Table 5.4 Existing (2023) System Pipeline Capacity Deficiencies – Simulated PWWF

Deficiency ID	Location	Ex. Diameter (inch)	Model Worst Condition	Length (LF)
EX-1	W Tichenor St & S Cliveden Ave, north of W Caldwell St	6	d/D = 1.0	750
			Total Length (LF)	**750**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2023 Flow Monitor
LACSD Trunk Sewer
2023 Survey Pipeline (Not Modeled)
Maximum Pipeline d/D
< 1.0
= 1.0
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Parallel Mains (12" West, 8" East)
Diversion Manhole (8" South; 6" East)
EX-1
Max d/D = 1.0; 6"
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N Oleander Ave
N Willowbrook Ave
N Alameda St
N Santa Fe Ave
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W Poplar St
W Palmer St
N Acacia Ave
E Rosecrans Ave
E Palmer St
E Compton Blvd
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S Acacia Ave
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E Caldwell St
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W Carob St
W Walnut St
E Walnut St
S Central Ave
S Santa Fe Ave
S Alameda St
S Acacia Ct
8-inch
12-inch
24-inch
91

5.4.2 Near-Term (2030) Wet Weather Flow

The capacity of the City's modeled collection system was analyzed under Near-Term (2030) simulated PWWF conditions. Maximum d/D for modeled City-owned gravity pipelines as predicted by the model over an artificial 24-hour wet weather period were compared to the deficiency criteria summarized in Section 5.2.

As depicted in **Figure 5.5** and summarized in **Table 5.5,** the capacity deficiency in S Cliveden Ave identified under Existing PWWF conditions is also present in the Near-Term scenario.

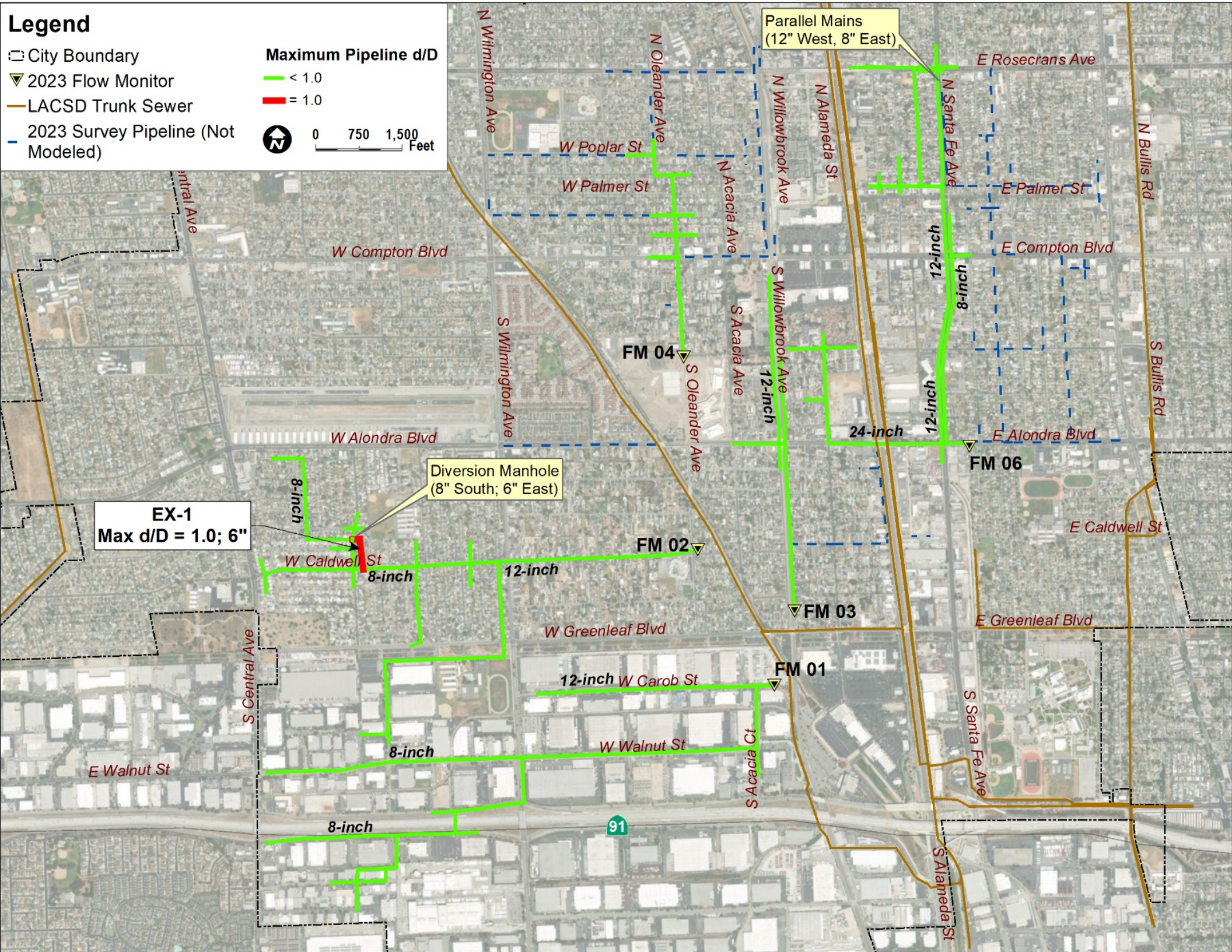
Table 5.5 Near-Term (2030) System Pipeline Capacity Deficiencies – Simulated PWWF

Deficiency ID	Location	Ex. Diameter (inch)	Model Worst Condition	Length (LF)
EX-1	W Tichenor St & S Cliveden Ave, north of W Caldwell St	6	d/D = 1.0	750
			Total Length (LF)	**750**

5.4.3 Ultimate (2045) Wet Weather Flow

Finally, the capacity of the City's modeled collection system was analyzed under Ultimate (2045) simulated PWWF conditions. Maximum d/D for modeled City-owned gravity pipelines as predicted by the model over an artificial 24-hour wet weather period were compared to the deficiency criteria summarized in Section 5.2.

As depicted in **Figure 5.6,** the capacity deficiency in S Cliveden Ave identified under Near-Term PWWF conditions is also present in the Ultimate scenario.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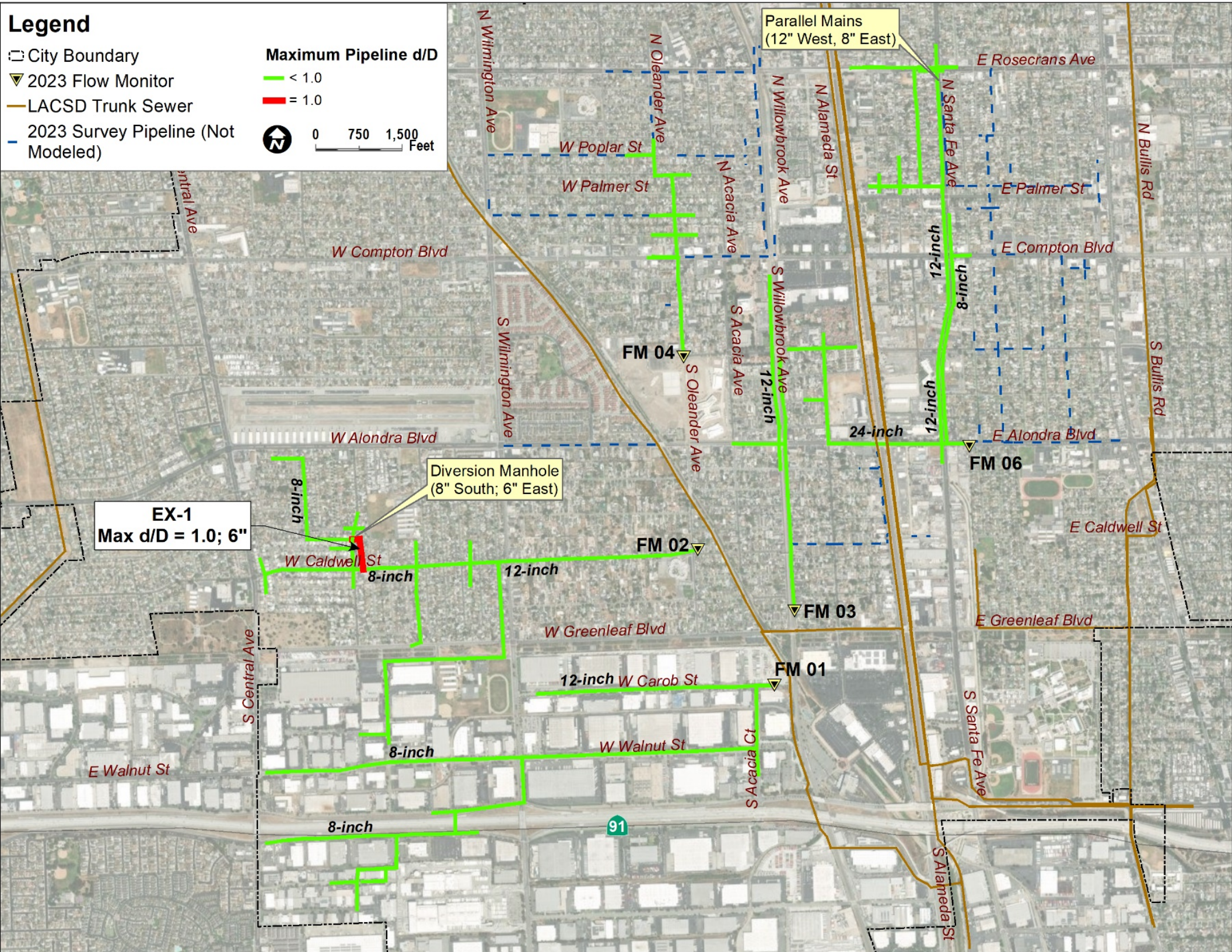
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6 Collection System Condition Assessment

The following section summarizes the results of the pipeline condition assessment completed as part of this Sewer Master Plan Update. Closed Circuit Television (CCTV) inspection reports for 169 City-owned gravity main segments, totaling approximately 8.6 miles, were reviewed to determine an appropriate rehabilitation or repair method intended to address observed structural and other physical defects.

Pipeline rehabilitation and repair methods range from the in-situ (i.e., trenchless), such as trimming of intruding laterals and lining with Cured-In-Place Pipe (CIPP), to the more complex including excavation point repairs and complete replacement of the pipe segment. Wherever appropriate, in-situ pipeline rehabilitation and repair methods are recommended in the following section to minimize costly open trench construction.

The 2016 Consent Judgment ordered the City to complete an Initial Video Analysis of its entire collection system within two (2) years of entry of the judgment. The City is required to repair or rehabilitate any gravity main assigned a PACP (Pipeline Assessment Certification Program) condition grade of 5 within 4 years of completion of the Initial Video Analysis. Similarly, any gravity main assigned a PACP condition grade of 4 must be addressed within 10 years of completion of the Initial Video Analysis. Therefore, this Sewer Master Plan Update prioritized the review of pipelines with a PACP grade of 4 or 5 to support City staff in meeting the most immediate requirements of the Consent Judgment, Exhibit A Sections 6.2 and 6.3. The PACP condition grading system is described in detail in Section 6.1.

6.1 Condition Assessment Methodology

The following methodology was used for condition assessment of the 169 gravity main segments reviewed for this Sewer Master Plan Update. These segments include the pipelines with available CCTV inspection data with PACP Grades 4 and 5 to comply with the 2016 Consent Judgement.

1. Review CCTV inspection reports prepared by National Plant Services (NPS). If necessary, request and review corresponding video recordings for additional clarity. The City has an ongoing contract with NPS to perform CCTV inspections of its collection system.
2. Record observed structural defects and other operations & maintenance (O&M) concerns for each inspected gravity main segment in a well-organized and accessible log.
3. Investigate and identify suitable rehabilitation or repair method(s) for each inspected segment.
4. Prepare a planning-level engineer's cost estimate for each identified rehabilitation and repair method based on the complexity and quantity of impacted segments.

CCTV inspections of the gravity main segments highlighted in Figure 6.1 were conducted between 2019 and 2022 as part of the City's ongoing video surveillance program to comply with the 2016 Consent Judgment. NPS prepared a corresponding report for each inspected segment in accordance with the National Association of Sewer Service Companies (NASSCO) Pipeline Assessment Certification Program (PACP) standards.

The PACP standards define a uniform set of codes used to easily categorize any frequently encountered structural defects, faults and imperfections, or other physical observations within an inspected pipeline. The following **Table 6.1** summarizes the most common defects and observations noted during condition assessment of the City's pipelines and their corresponding PACP code. Examples of typical defects observed during condition assessment of the City's pipelines are depicted in **Figures 6.1** through **6.9**. Example recommendations are included on several figures to exemplify a rehabilitation or repair that may be recommended to correct the defect.

Table 6.1 Pipeline Assessment Certification Program (PACP) Codes

PACP Code	Definition
B	Broken
BSV/BVV	Broken Soils/Void Visible
CC/CL/CM	Crack Circumferential/Longitudinal/Multiple
DAE/DAGS	Deposits Attached Encrustation/Grease
DSC/DSZ	Deposits Settled Hard (Compacted)/Other
FC/FL/FM	Fracture Circumferential/Longitudinal/Multiple
H	Hole
JOL/JOM	Joint Offset Large/Medium
MCU	Miscellaneous Camera Underwater
MSA	Miscellaneous Survey Abandoned
MWL/MWM	Miscellaneous Water Level/Mark
MWLS	Miscellaneous Water Level Sag
OBI/OBZ	Obstruction through Wall/Other
RBL/RML	Roots Ball/Medium Lateral
RFJ/RMJ	Roots Fine Joint/Medium Joint
TBA/TBI	Tap Break In Active/Intruding
TFA/TFC/TFD	Tap Factory Active/Capped/Defective
X	Collapse

Figure 6.1 156th St – Crack Multiple

Recommendation: CIPP Lining

Figure 6.2 Holly Ave – Fracture Circumferential

Recommendation: CIPP Lining

Figure 6.3 Chester Ave – Broken Soil Visible

Recommendation: Excavation Point Repair or Replace

Figure 6.4 Alameda St – Broken

Recommendation: CIPP Lining

Figure 6.5 Stoneacre Ave – Joint Offset Large
Recommendation: Excavation Point Repair or Replace

Figure 6.6 N Palmer St (Alley) – Deposits Attached Encrustation

Figure 6.7 134th St (Easement) – Tap Break-In Intruding

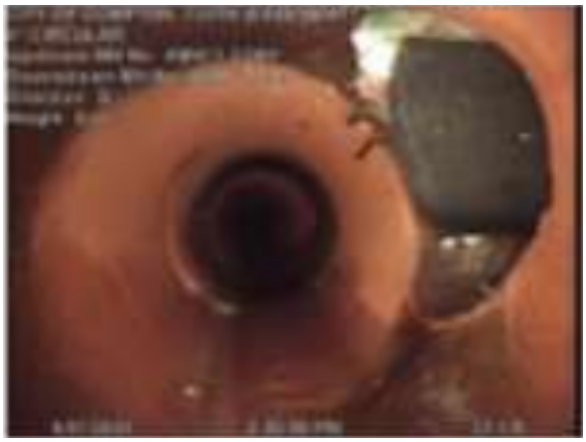


Figure 6.8 Poinsettia Ave – Roots Ball Lateral
Recommendation = Heavy Clean

Figure 6.9 Caldwell St – Collapse
Recommendation = Excavation Point Repair or Replace

Additionally, NASSCO PACP standards require all observed structural defects be assigned a condition grade from 1 to 5. The condition grades noted in each CCTV inspection report can be used to quickly determine the presence and quantity of major defects in a pipeline. As summarized in **Table 6.2** below, a higher condition grade corresponds to a more severe defect, with the most critical assigned a grade of 4 or 5. In general, a pipeline with a single Grade 5 structural defect is considered significantly more likely to fail and therefore requires immediate attention, compared to a pipeline with several Grade 1 or 2 defects that may remain in good condition for years to come.

Table 6.2 Pipeline Condition Grades

Grade	Description	Estimated Time to Failure
1	Excellent	Unlikely
2	Good	20+ years
3	Fair	10-20 years
4	Poor	5-10 years
5	Immediate Action	Has failed or could fail within 5 years

The following rehabilitation and repair methods were considered during condition assessment of the City's pipelines to address defects with the potential to compromise the structural integrity of the pipe or obstruct flow:

- **Replace in Place:** Excavation and replacement of the entire pipeline segment from manhole to manhole.
- **Excavation Point Repair:** Replacement of a short segment of existing pipe via open trench construction to address a severe defect. Dresser style couplings for connections to the existing pipe are recommended to reduce the potential for differential settlement.
- **CIPP Lining:** Cured-In-Place Pipe (CIPP) lining of an entire pipeline segment from manhole to manhole. CIPP lining effectively establishes a new pipe within an existing pipe by using the existing pipe as a mold. The liner is comprised of a resin-saturated felt tube, inverted into the existing pipe between manholes and cured using steam or hot water. The resulting pipe is as strong as the original "host" pipe and has an expected useful life of over 50 years.
- **In-situ Point Repair:** Trenchless/in-situ repair of a single defect, typically 4 feet in length or less, using a CIPP short liner.
- **Trim Intrusion:** Laterals or other objects intruding into a pipeline can collect debris and impede regular sewer flow. Such intrusive elements can be trimmed by a robotic device placed inside a pipeline to aid in unobstructed flow.
- **Heavy Cleaning:** Unless a segment is recommended for complete replacement from manhole to manhole (i.e., Replace in Place), all pipelines are typically cleaned via several passes with a nozzle connected to a jetter pump prior to repair or rehabilitation. Heavy cleaning is often required to clear deposits that occupy more than 25% of the pipe's cross-sectional area. For pipelines through which flow is nearly completely obstructed by attached encrusted (DAE) or hard/compacted (DSC) deposits, this Sewer Master Plan Update recommends an excavation point repair at the blockage location to prevent potential sewer backups.

Appendix C includes a database of all reviewed pipeline segments with their observed defects and recommended rehabilitation or repair method(s).

6.2 Condition Assessment Summary

The following **Table 6.3** quantifies the various rehabilitation and repair methods recommended to address observed defects in the City's collection system.

Table 6.3 Condition Assessment Recommendations Summary

Rehabilitation/Repair Method	Number of Segments (Manhole to Manhole)	Quantity (LF or EA)
Replace in Place	34	8,371 LF
Excavation Point Repair	36	36 EA
CIPP Lining	99	29,233 LF
Trim Intrusion	18	18 EA
Heavy Cleaning	60	15,741 LF

The City's existing sewer system index map was used to highlight the location of each condition assessment recommendation. The highlighted index map is included in **Appendix C**.

7 Capital Improvement Program

The following section summarizes the recommended pipeline improvement projects designed to address the capacity and condition deficiencies identified in Sections 5 and 6. In addition to individual improvement projects, this section outlines a multi-year phased program for the field survey and digitization of the City's entire sewer collection network.

This section also compiles the numerous pipeline improvement projects listed in the 2016 Consent Judgment. While the City is legally required to complete these projects within the specified timeframes and should prioritize compliance, it is recommended that the City renegotiate the terms of this agreement. The analysis conducted as part of this Study revealed that constructing these projects without higher quality analysis could negatively impact the performance of the collection system, potentially causing more problems than they solve. For a more detailed analysis on why Dudek recommends improved analysis prior to construction of these projects, refer to Section 7.4.

To assist the City in annual fiscal planning, this section also provides preliminary engineer's cost estimates for each improvement project, including the phased system survey and digitization program and all identified 2016 Consent Judgment projects. Additionally, this section outlines potential funding sources the City may consider for financing of the Capital Improvement Program (CIP).

7.1 Pipeline Capacity Improvement Projects

Based on the results of the capacity analysis completed on Phase I of the City's modeled collection system, one (1) pipeline improvement project is recommended to address anticipated capacity deficiencies under Existing (2023) PWWF conditions. The following **Table 7.1** summarizes the recommended pipeline capacity improvement project. **Figure 7.1** depicts the location of the project within the City's modeled collection system.

Table 7.1 Recommended Pipeline Capacity Improvement Projects Summary

Project ID	Deficiency ID	Planning Scenario	Project Description
PCAP-1	EX-1	Existing (2023) PWWF	Modify diversion manhole 3-5-103 located at the intersection of W Tichenor St and S Northwood Ave to direct flow into the 8-inch outlet pipe to the south.

Figure 7.1 Recommended Pipeline Capacity Improvement Project PCAP-1

7.2 Pipeline Condition Improvement Projects

The following **Table 7.2** summarizes the recommended improvement projects for those City-owned pipelines with a PACP condition grade of 4 or 5 and reviewed as part of this Sewer Master Plan Update. The condition-related projects are organized according to the state of the existing pipeline and their corresponding rehabilitation or repair method. For example, pipelines recommended for complete replacement have serious observed structural defects that may result in failure within the next five years and should be prioritized over those pipelines recommended for CIPP lining rehabilitation. Examples of defects that resulted in each of these rehabilitation methods are shown in Figures 6.1 through 6.9. **Appendix C** provides a color-coded map and log of all pipelines included in projects PCON-1 through PCON-5.

Table 7.2 Pipeline Condition Improvement Projects Summary

Project ID	Description
PCON-1	Replace 107 LF of existing 6-inch gravity main; replace 7,944 LF of existing 8-inch main; replace 320 LF of existing 10-inch main
PCON-2	Excavation point repair on the following gravity segments: One (1) 6-inch main; Two (2) 8-inch mains; One (1) 10-inch main
PCON-3	Excavation point repair and CIPP lining of thirty-two (32) gravity segments, from manhole to manhole: 179 LF of 6-inch main; 9,576 LF of 8-inch main; 470 LF of 15-inch main
PCON-4	CIPP lining of sixty-seven (67) gravity segments, from manhole to manhole: 304 LF of 6-inch main; 18,013 LF of 8-inch main; 691 LF of 12-inch main. Heavy cleaning of 8,602 LF of main prior to CIPP lining.
PCON-5	Heavy cleaning of 7,140 LF of existing gravity main. Heavy cleaning includes removal of encrusted deposits and/or root balls in laterals connected to gravity mains.

7.3 Sewer System Survey and Digitization Program

As stated in previous sections, the City does not maintain a GIS database or other digital files of its existing sewer collection system. To develop a comprehensive understanding of the existing collection system and more effectively plan for future system improvements, the City is advised to conduct a survey of all manholes and pipelines within its sewer service area as part of a multi-year data collection, analysis, and digitization program. The collected survey data should include invert elevations, pipeline diameters and network connectivity information to support City staff in efficient development of a sewer system GIS database.

The new GIS database can be used to update the City's existing collection system index map, a static document which has been determined to contain inaccuracies based on the initial field survey and flow monitoring completed as part of this Sewer Master Plan Update. A digitized map of the City's collection system will facilitate the management of operational and maintenance concerns such as odor control, FOG buildup and potential spill locations.

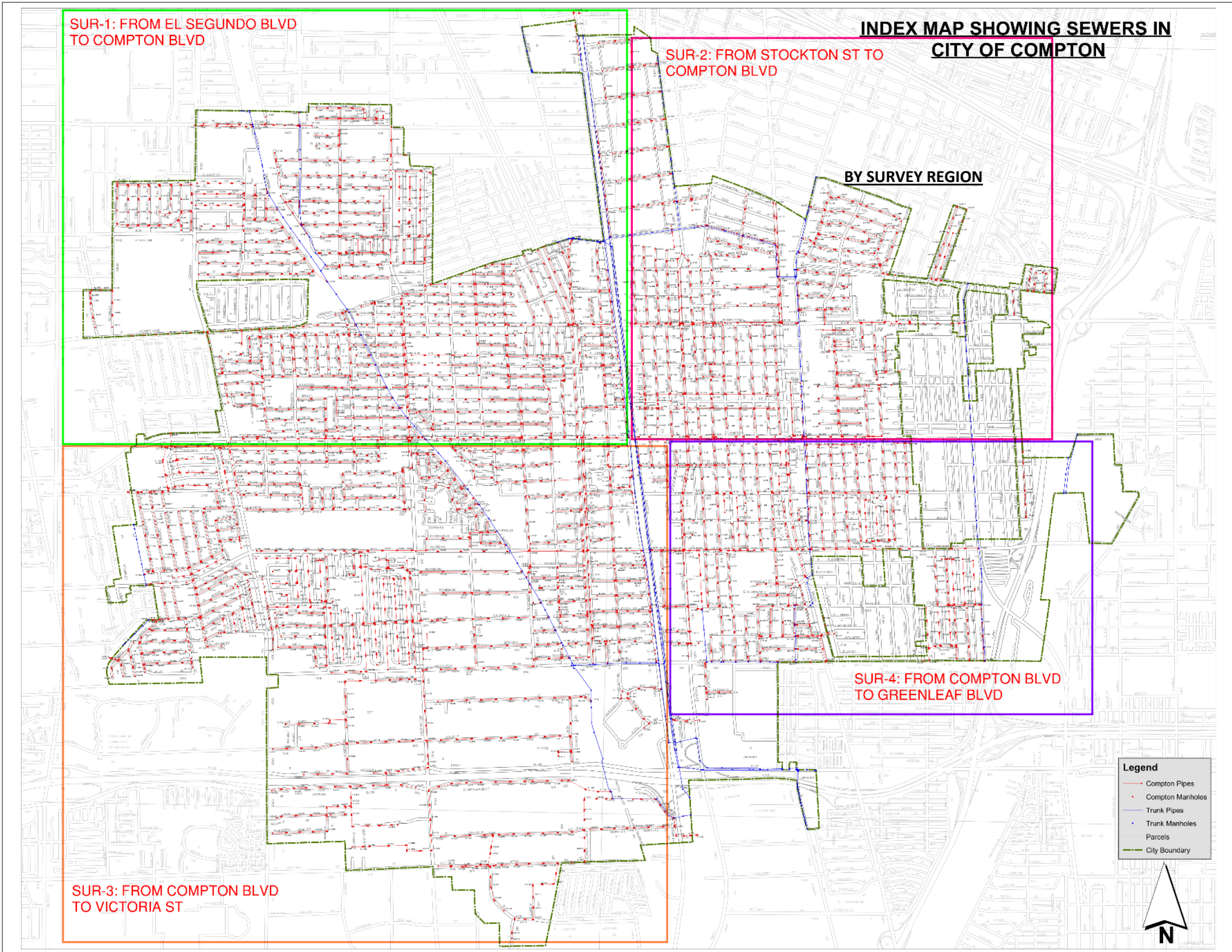
After collecting and incorporating the field survey data into a GIS database, the City is encouraged to retain the services of an engineering consulting firm proficient in the AquaTwin Sewer software program to continue developing and calibrating the existing sewer system model. Phase I of the sewer model was constructed and calibrated as part of this Sewer Master Plan Update. Following development of the City's sewer system GIS database, the hydraulic model should be expanded to reflect the surveyed collection network with additional flows allocated according to future flow monitoring data.

The following **Table 7.3** summarizes a preliminary multi-year program for field survey and digitization of the City's entire sewer collection system. For simplicity, the City's existing system is divided into four quadrants, with each quadrant corresponding to a single phase of the overall program, as shown in **Figure 7.2**. Each phase is anticipated to be at least one year in duration and include the field survey, analysis, and conversion of survey data to GIS files within each quadrant. Depending on the complexity of the City's collection system within a specific quadrant, any phase may exceed the estimated one year duration.

If permitted by staff availability and budget, the City should aim to complete the recommended sewer system survey and digitization program prior to commencing a new Sewer Master Plan Update in the next 5 years.

Table 7.3. Sewer System Survey & Digitization Program Summary

Project ID	Description
SUR-1	Survey City-owned sewer collection system from in the vicinity of El Segundo Blvd south to Compton Blvd, and from City's western limits east to Alameda St. Convert field survey data to GIS database.
SUR-2	Survey City-owned sewer collection system from Stockton St south to Compton Blvd, and from Alameda St east to City's eastern limits. Convert field survey data to GIS database.
SUR-3	Survey City-owned sewer collection system from Compton Blvd south to Victoria St, and from City's western limits east to Alameda St. Convert field survey data to GIS database.
SUR-4	Survey City-owned sewer collection system from Compton Blvd south to Greenleaf Blvd, and from Alameda St east to City's eastern limits. Convert field survey data to GIS database.


INDEX MAP SHOWING SEWERS IN CITY OF COMPTON
BY SURVEY REGION
SUR-1: FROM EL SEGUNDO BLVD TO COMPTON BLVD
SUR-2: FROM STOCKTON ST TO COMPTON BLVD
SUR-3: FROM COMPTON BLVD TO VICTORIA ST
SUR-4: FROM COMPTON BLVD TO GREENLEAF BLVD
Legend
Compton Pipes
Compton Manholes
Trunk Pipes
Trunk Manholes
Parcels
City Boundary
N

7.4 2016 Consent Judgment Projects

The 2016 Consent Judgment ordered the City to complete a series of Planned Capital Improvement Projects and Sewer Master Plan Projects within specified timeframes. **Table 7.4** and **7.5** summarize the Planned Capital Improvement Projects and Sewer Master Plan Projects as presented in Exhibit B of the Consent Judgment, respectively.

The Sewer Master Plan Projects listed in the Consent Judgment are identical to those presented in the 2008 Master Sewer Study. However, and as described in previous sections, the 2008 Study used a highly simplified and overly conservative method to calibrate the existing system sewer model that does not confirm to traditional or industry standard methods.

Given the limited growth observed within the City's service area and statewide water conservation efforts over the past 15 years since adoption of the 2008 Study, it is likely that several of the Sewer Master Plan Projects required by the Consent Judgment no longer address existing capacity concerns within the collection system. If so, then blanket implementation of every project required by the Consent Judgment will introduce oversized gravity mains throughout the system that may result in low flow velocities followed by solids deposition and odor complaints. This updated Sewer Master Plan found sufficient capacity within the portion of the sewer system modeled well into buildout conditions.

Therefore, it is recommended that City representatives meet with the Regional Water Quality Control Board, Los Angeles Region (LARWQCB) to obtain approval to perform temporary flow monitoring at each project site identified in the 2008 Study prior to embarking on the design and construction of each project. Current flow monitoring data may indicate that certain pipelines identified as capacity deficient in the 2008 Study do not exceed the maximum d/D criteria established in this Master Plan. A thorough re-evaluation of the improvements recommended in the 2008 Study (and subsequently required by the Consent Judgment) may reduce the number of costly and disruptive pipeline replacement projects in the City's service area and avoid potential long-term operational issues resulting from oversized sewer mains.

To assist City staff in planning for and ultimately complying with the Consent Judgment, planning-level engineer's cost estimates for each project are included in the following Section 7.5.

Table 7.4 2016 Consent Judgment Planned Capital Improvement Projects[1]

Project Number	Location	Length (LF)	Completion Date
CIP 10-4	Fruit Town Sewer Replacement (Oleander)	11,000	Immediate
CIP 10-5	Willowbrook Culver Sewer Replacement	5,000	Immediate
CIP 10-21	Pearl Ave Sewer Replacement	9,600	Immediate

Note:
[1] Dudek recommends City representatives meet with the LARWQCB to obtain approval to perform temporary flow monitoring at each project site prior to commending design and construction of these projects. Refer to the text in Section 7.4 for additional discussion.

Table 7.5 2016 Consent Judgment Sewer Master Plan Projects[1]

Project Number	Description	Length (LF)	Completion Date
1-1	Myrrh & Mid of Williams and Gibson to North 1156 ft	1,156	Immediate
1-2	Laurel & Harris to South to South 663 ft	663	Immediate
1-3	Rosecrans between Castlegate & Cookace to West	682	Immediate
2-6	218 ft S Cypress and Appila to South 398 ft	398	Immediate
2-7	Laurel and Sherrer to SE 248 ft	248	Immediate
3-12	Rosecrans & Oleander to East 677 ft	677	Immediate
3-15	Rosecrans & Acacia to East 400 ft	400	Immediate
4-17	Grandee & 136th to East 268 ft	268	Immediate
4-18	Compton & Willowbrook to East 544 ft	544	Immediate
4-20	Caldwell and Wilmington to North 184 ft	184	Immediate
5-22	Poplar & Oleander to East 2171 ft	2,171	Immediate
5-26	Palmer & Tamarind to East 204 ft	204	Immediate
5-27	325 ft S of Willowbrook to East 482 ft	482	Immediate
5-28	240 ft N of Elm & Willowbrook to South 1545 ft	1,545	Immediate
5-29	Poplar & Tamarind to East 250 ft	250	Immediate
5-30	Elm & Willowbrook to East 782 ft	782	Immediate
5-31	Carson Pl & Alameda to West 182 ft	182	Immediate
5-32	190 ft S of Carson Pl & Alameda to West 170	170	Immediate
6-33	Spruce & Pacific to West 150 ft	150	Immediate
6-34	Rosecrans & Pacific to West 1219 ft	1,219	Immediate
6-35	Rosecrans & Tajauta to West 1022 ft	1,022	Immediate
6-36	Rosecrans & Parmalee to West 461 ft	461	Immediate
6-37	Rosecrans & Central to East 103 ft	103	Immediate
6-40	Palmer & Wilmington to West 397 ft	397	Immediate
6-41	185 ft W of Poplar & Paulson to East 377 ft	377	Immediate
6-42	93 ft W of Compton & Nester to South 50 ft	50	Immediate
7-44	136th & Slater to East 61 ft	61	Immediate
7-45	134th & Slater to East 880 ft	880	Immediate
7-46	134th & Bahama to NE, then North to Central 1052 ft	1,052	Immediate
7-47	South of 134th & Central to East 1241 ft	1,241	Immediate
8-48	Laurel & Santa Fe to North 325 ft	325	Immediate
8-49	350 ft N of Myrrh & Santa Fe to South 777 ft	777	Immediate
8-50	Alondra & Santa Fe to North 599 ft	599	Immediate
8-51	157 ft W of Alondra & Chester to South 1328 ft	1,328	Immediate
9-52	134th & Salinas to East 1308 ft	1,308	Immediate
9-53	139th & McKinley to North 1632 ft	1,632	Immediate
9-54	139th & McKinley to West 473 ft	473	Immediate
10-55	Compton & Bullis East 5 ft	5	Immediate
10-56	Alondra & Long Beach to North 518 ft	518	Immediate

Note:
[1] Dudek recommends City representatives meet with the LARWQCB to obtain approval to perform temporary flow monitoring at each project site prior to commending design and construction of these projects. Refer to the text in Section 7.4 for additional discussion.

7.5 Recommended Projects Cost Summary

The following **Tables 7.6** and **7.7** present the planning-level cost estimates developed for each recommended pipeline capacity and pipeline condition improvement project identified within this Sewer Master Plan Update. The condition improvement projects are organized based on recommended repair method (e.g., replace in place, CIPP liner, etc.) instead of geographical area. In practice, City staff may elect to complete a series of condition-related improvement projects located near each other to minimize repeated disturbances in the same area. Regardless, pipelines recommended for replacement should be prioritized over those with less intensive repairs such as CIPP lining.

Table 7.8 presents the estimated costs associated with implementation of the sewer system survey and digitization program recommended to establish a virtual database of the City's collection system. Actual costs may vary widely depending on the complexity of the City's system, for which limited information is currently available.

Lastly, updated costs were developed for the Planned Capital Improvement Projects and Sewer Master Plan Projects as presented in Exhibit B of the 2016 Consent Judgement, which are presented in **Tables 7.9** and **7.10**, respectively.

Appendix D contains the detailed cost estimates for each project.

All costs presented herein are present value and correspond to an Engineering News Record (ENR) Construction Cost Index (CCI) value of 15,778.4 for Los Angeles in March 2025.

Table 7.6. Recommended Capacity Improvement Projects Cost Summary

Project ID	Project Name	Description	Justification	Project Costs by Planning Scenario ($1,000)		
				Existing (2025)	Near-Term (2030)	Ultimate (2045)
PCAP-1	Diversion Manhole ID 3-5-103 Modification	Modify diversion manhole 3-5-103 located at the intersection of W Tichenor St and S Northwood Ave to direct flow into the 8-inch outlet pipe to the south.	Maximum d/D = 1.0 anticipated under PWWF conditions in the preferred 6-inch diameter outlet pipeline	$29	--	--
			TOTAL:	$29	--	--

Table 7.7. Recommended Condition Improvement Projects Cost Summary

Project ID	Project Name	Description	Justification	Project Cost ($1,000)
				Existing (2025)
PCON-1	Complete Pipe Replacement	Replace 107 LF of existing 6-inch gravity main Replace 7,944 LF of existing 8-inch main Replace 320 LF of existing 10-inch main	Multiple existing pipeline segments are in very poor condition with several structural defects	$4,781
PCON-2	Excavation Point Repairs	Excavation point repair on the following gravity segments: One (1) 6-inch main; Two (2) 8-inch mains; One (1) 10-inch main	Pipeline segments have one significant structural defect or encrusted/compacted deposits that severely impact normal sewer flow.	$247
PCON-3	Excavation Point Repairs & Full CIPP Lining	Excavation point repair and CIPP lining of thirty-two (32) gravity segments, from manhole to manhole: 179 LF of 6-inch main; 9,576 LF of 8-inch main; 470 LF of 15-inch main	Pipeline segments have one significant structural defect and multiple cracks or minor fractures.	$3,443
PCON-4	CIPP Lining - No Excavation	CIPP lining of sixty-seven (67) gravity segments, from manhole to manhole: 304 LF of 6-inch main; 18,013 LF of 8-inch main; 691 LF of 12-inch main. Heavy cleaning of 8,602 LF of main prior to CIPP lining.	Pipeline segments have multiple cracks or minor fractures.	$3,883

Project ID	Project Name	Description	Justification	Project Cost ($1,000) Existing (2025)
PCON-5	Heavy Cleaning - No Excavation	Heavy cleaning of 7,140 LF of existing gravity main. Heavy cleaning includes removal of encrusted deposits and/or root balls in laterals connected to gravity mains.	Pipeline segments have encrusted grease deposits, debris, and/or intruding roots.	$72
			TOTAL:	$12,426

Table 7.8. Sewer System Survey and Digitization Program Cost Summary

Project ID	Project Name	Description	Justification	Project Cost ($1,000)[1]
SUR-1	Sewer System Survey Phase 1	Survey City-owned sewer collection system from in the vicinity of El Segundo Blvd south to Compton Blvd, and from City's western limits east to Alameda St. Convert field survey data to GIS database. (Est. 500 manholes.)	Create a full, accurate and up-to-date sewer system GIS for the City. This will provide the City with the ability to create a full system hydraulic model.	$250
SUR-2	Sewer System Survey Phase 2	Survey City-owned sewer collection system from Stockton St south to Compton Blvd, and from Alameda St east to City's eastern limits. Convert field survey data to GIS database. (Est. 400 manholes)		$200
SUR-3	Sewer System Survey Phase 3	Survey City-owned sewer collection system from Compton Blvd south to Victoria St, and from City's western limits east to Alameda St. Convert field survey data to GIS database. (Est. 500 manholes)		$250
SUR-4	Sewer System Survey Phase 4	Survey City-owned sewer collection system from Compton Blvd south to Greenleaf Blvd, and from Alameda St east to City's eastern limits. Convert field survey data to GIS database. (Est. 400 manholes)		$200
			TOTAL:	$900

Note:

[1] Cost based on estimates of total numbers of manholes in each survey zone.

Table 7.9. 2016 Consent Judgment Planned Capital Improvement Projects Cost Summary

Project ID	Project Name	Description[1]	Justification	Project Cost ($1,000)[1]
CIP 10-4	Fruit Town Sewer Replacement (Oleander)	Replace 11,000 LF of 8-inch diameter pipe with 10-inch diameter pipe	Required by 2016 Consent Judgement	$7,040
CIP 10-5	Willowbrook Culver Sewer Replacement	Replace 5,000 LF of 8-inch diameter pipe with 10-inch diameter pipe		$3,200
CIP 10-21	Pearl Ave Sewer Replacement	Replace 9,600 LF of 8-inch diameter pipe with 10-inch diameter pipe		$6,144
				$16,384

Notes:

[1] Existing and proposed diameters are assumed "best guess" from 2008 Master Sewer Study.

Table 7.10. Estimated Cost for Projects Required by 2016 Consent Judgement

Project Number	Project Description	Length (LF)	Ex. Diam (inch)[1]	Prop. Diam (inch)[1]	Total Est. Constr. Cost ($1,000)[2]	Markup (60%)	Total Est. Project Cost ($1,000)
1-1	Myrrh & Mid of Williams and Gibson to North	1,156	8	10	$463	$278	$741
1-2	Laurel & Harris to South to South	663	8	10	$266	$160	$426
1-3	Rosecrans between Castlegate & Cookace to West	682	8	10	$273	$164	$437
2-6	218 ft S Cypress and Appila to South	398	8	10	$160	$96	$256
2-7	Laurel and Sherrer to SE	248	8	10	$100	$60	$160
3-12	Rosecrans & Oleander to East	677	8	10	$271	$163	$434
3-15	Rosecrans & Acacia to East	400	8	10	$160	$96	$256
4-17	Grandee & 136th to East	268	10	15	$161	$97	$258
4-18	Compton & Willowbrook to East	544	10	15	$327	$197	$524
4-20	Caldwell and Wilmington to North	184	10	15	$111	$67	$178
5-22	Poplar & Oleander to East	2,171	8	10	$869	$522	$1,391
5-26	Palmer & Tamarind to East	204	8	10	$ 82	$ 50	$132
5-27	325 ft S of Willowbrook to East	482	8	10	$193	$116	$309
5-28	240 ft N of Elm & Willowbrook to South	1,545	8	10	$618	$371	$989
5-29	Popular & Tamarind to East	250	8	10	$100	$60	$160
5-30	Elm & Willowbrook to East	782	8	10	$313	$188	$501
5-31	Carson Pl & Alameda to West	182	8	10	$ 73	$44	$117
5-32	190 ft S of Carson Pl & Alameda to West	170	8	10	$ 68	$41	$109
6-33	Spruce & Pacific to West	150	8	10	$ 60	$36	$96
6-34	Rosecrans & Pacific to West	1,219	8	10	$488	$293	$781
6-35	Rosecrans & Tajauta to West	1,022	8	10	$409	$246	$655
6-36	Rosecrans & Parmalee to West	461	8	10	$185	$111	$296
6-37	Rosecrans & Central to East	103	8	10	$42	$26	$68
6-40	Palmer & Wilmington to West	397	8	10	$159	$96	$255

Project Number	Project Description	Length (LF)	Ex. Diam (inch)[1]	Prop. Diam (inch)[1]	Total Est. Constr. Cost ($1,000)[2]	Markup (60%)	Total Est. Project Cost ($1,000)
6-41	185 ft W of Poplar & Paulson to East	377	8	10	$151	$91	$242
6-42	93 ft W of Compton & Nester to South	50	8	10	$20	$12	$32
6-44	136th & Slater to East	61	8	10	$25	$15	$40
6-45	134th & Slater to East	880	8	10	$352	$212	$564
6-46	134th & Bahama to NE, then North to Central	1,052	8	10	$421	$253	$674
6-47	South of 134th & Central to East	1,241	8	10	$497	$299	$796
8-48	Laurel & Santa Fe to North	325	12	15	$195	$117	$312
8-49	350 ft N of Myrrh & Santa Fe to South	777	12	15	$467	$281	$748
8-50	Alondra & Santa Fe to North	599	12	15	$360	$216	$576
8-51	157 ft W of Alondra & Chester to South	1,328	12	15	$797	$479	$1,276
9-52	134th & Salinas to East	1,308	8	10	$524	$315	$839
9-53	139th & McKinley to North	1,632	8	10	$653	$392	$1,045
9-54	139th & McKinley to West	473	8	10	$190	$114	$304
10-55	Compton & Bullis East	5	8	10	$2	$2	$4
10-56	Alondra & Long Beach to North	518	8	10	$208	$125	$333
	TOTALS:	**24,984**	--	--	**$10,813**	**$6,501**	**$17,314**

Notes:

[1] Existing and proposed diameters are assumed "best guess" from 2008 Master Sewer Study.

[2] Assumes replacement cost of $40/in-diam/LF.

7.6 Potential Funding Sources

The following table presents descriptions of potential State and Federal funding sources the City may want to consider for the sewer CIP.

Table 7.11. Potential Funding Sources

Funding Source	Program	Description	Type	Typical Range of Funding	Estimated Time to Acquire Funds
California State Water Resources Control Board (SWRCB)[1]	Clean Water State Revolving Fund (CWSRF)	Provides low-interest loans for water quality improvement projects, including sewer system upgrades.	State	$1 million to $100 million	6-12 months
California Infrastructure and Economic Development Bank (IBank)	Infrastructure State Revolving Fund (ISRF) Program	Offers low-cost financing to public agencies for various infrastructure projects, including sewer systems.	State	$1 million to $65 million	45-90 days
Community Development Block Grants (CDBG)[2]	Department of Housing & Urban Development (HUD)	Administered by HUD, these grants can be used for infrastructure projects in low- to moderate-income communities.	Federal	Varies, typically $500,000 to $5 million	6-12 months
U.S. Environmental Protection Agency (EPA)	Water Infrastructure Finance and Innovation Act (WIFIA)	Provides long-term, low-cost supplemental loans for significant water and wastewater projects.	Federal	$20 million to $7.5 billion	6-18 months

Notes:

[1] Compton does not appear to qualify as a disadvantaged community (DAC) under this opportunity due to the City's median household income (MHI) being higher than the value to qualify. As a result, Compton could quality to receive a low interest loan. The 2023 MHI for Compton is $74,270 (https://www.census.gov/quickfacts/fact/table/comptoncitycalifornia/PST045223), while the MHI to qualify as a DAC (under the California Water Code definition) is $73,524. (https://www.waterboards.ca.gov/drinking_water/services/funding/documents/srf/mhi.pdf). If Compton has data supporting that the MHI is under $73,524, this loan could turn into a principal forgiveness opportunity (effectively a grant).

[2] The City of Compton already receives funding through CDBG (https://www.comptoncity.org/departments/city-manager/grants-division/cdbg). However, upgrades benefiting low/middle income residents could potentially be funded under this program.

APPENDIX A

CITY OF COMPTON SEWER INDEX MAP

APPENDIX B

ADS ENVIRONMENTAL SERVICES 2023 FLOW MONITORING REPORT

APPENDIX C

PIPELINE CONDITION ASSESSMENT DATA AND MAP

APPENDIX D

RECOMMENDED CIP PROJECT COST ESTIMATE DETAILS

July 15, 2025

TO: HONORABLE MAYOR AND CITY COUNCIL MEMBERS

FROM: CITY MANAGER

SUBJECT: A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON APPROVING THE UPDATED SANITARY SEWER MANAGEMENT PLAN IN COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD ORDER NO. 2022-0103-DWQ

SUMMARY

Staff recommends that the City Council adopt a resolution approving the City of Compton's updated Sanitary Sewer Management Plan (SSMP), dated January 2025, which has been prepared in accordance with the requirements of the State Water Resources Control Board (SWRCB) Order No. 2022-0103-DWQ. This action is necessary to maintain compliance with updated state regulations and demonstrates the City's continued response to prior enforcement actions.

BACKGROUND

The City of Compton owns and operates a public sanitary sewer collection system that serves residential, commercial, and industrial users. Collected wastewater is conveyed to the Joint Water Pollution Control Plant operated by the Los Angeles County Sanitation District.

The SWRCB Order No. 2022-0103-DWQ, which became effective in June 2023, replaces and updates the previous General Waste Discharge Requirements (WDRs) governing the operation and maintenance of public sanitary sewer systems. The updated order establishes stricter requirements for public agencies operating sewer systems, including the following mandates for all permittees:

- Maintain and regularly update a Sanitary Sewer Management Plan (SSMP)
- Implement best management practices to minimize and eliminate Sanitary Sewer Overflows (SSOs)
- Report all SSOs and corrective actions to the state
- Audit and revise the SSMP at least every five years or as needed

In 2016, the City entered into a Consent Judgment with the Los Angeles Regional Water Quality Control Board, requiring corrective actions to address sanitary sewer overflows and improve overall compliance. Since then, the City has made substantial progress in upgrading sewer infrastructure and enhancing maintenance protocols. The updated SSMP reflects this progress and fulfills a key requirement of ongoing regulatory compliance under both the Consent Judgment and Order No. 2022-0103-DWQ.

STATEMENT OF ISSUE

The updated SSMP was prepared in accordance with the State Water Resources Control Board **Order No. 2022-0103-DWQ**, adopted December 6, 2022. It includes the following required elements:

- **Goal and Objectives** - Articulates the City's commitment to effective sewer system management
- **Organization** - Identifies City staff rolls and responsibilities
- **Legal Authority** – Documents the City's power to enforce sewer use regulations
- **Operation and Maintenance Program** – Outlines preventative and routine maintenance practices
- **Design and Performance Provisions** – Establishes technical design standards
- **Spill Emergency Response Plan** – Details procedures for rapid response to SSOs
- **FOG Control Program** – Includes strategies to minimize fats, oils, and grease blockages
- **Capacity Evaluation and Capital Improvements** – Describes planning for system reliability and expansion
- **Monitoring and Program Modifications** – Sets benchmarks and update mechanisms
- **SSMP Audits** – Ensures periodic internal compliance review
- **Communication Program** – Promotes public and interagency engagement

City Staff has conducted a comprehensive review and has determined to be in full compliance with the updated Order. Following Council approval, the City's Legally Responsible Official (LRO) will certify the SSMP and upload it to the California Integrated Water Quality System (CIWQS) database, as required by the State Water Board.

ALTERNATIVE

Staff recommends no alternative action, as approval of the SSMP is required to remain in compliance with the State Water Board's current permit conditions.

FISCAL IMPACT

There is no immediate fiscal impact associated with this approval. However, costs related to SSMP implementation – such as capital upgrades, staffing, or emergency response – will be evaluated and addressed through future budget processes and capital planning efforts.

RECOMMENDATION

Staff recommends that the City Council adopt the attached resolution approving the updated Sanitary Sewer Management Plan and authorizing the City's Legally Responsible Official (LRO) to certify and submit the plan to the State Water Resources Control Board through the CIWQS system.

JACK GONG, P.E., S.E., PMP
CITY ENGINEER

APPROVED FOR FORWARDING:

WILLE A. HOPKINS, JR.
CITY MANAGER

RESOLUTION NO._____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON APPROVING THE UPDATED SANITARY SEWER MANAGEMENT PLAN IN COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD ORDER NO. 2022-0103-DWQ

WHEREAS, the State Water Resources Control Board adopted Order No. 2022-0103-DWQ, the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, on December 6, 2022; and

WHEREAS, this Order requires all public agencies that own or operate sanitary sewer systems greater than one mile in length to develop and maintain a Sanitary Sewer Management Plan (SSMP) that meets the provisions and performance criteria outlined in the Order; and

WHEREAS, the City of Compton owns and operates a sanitary sewer system subject to the requirements of Order No. 2022-0103-DWQ; and

WHEREAS, the City has prepared an updated SSMP that includes all required elements, including goals, organization, legal authority, operations and maintenance program, design and performance provisions, overflow emergency response plan, FOG control program, system evaluation and capacity assurance plan, monitoring, measurement and program modifications, SSMP audits, and communication program; and

WHEREAS, the SSMP has been reviewed by City staff and determined to be in full compliance with the requirements of Order No. 2022-0103-DWQ; and

WHEREAS, the SSMP reflects the City's ongoing efforts to maintain regulatory compliance, prevent sanitary sewer overflows (SSOs), and improve system reliability through effective planning, maintenance, and community engagement; and

WHEREAS, the SSMP must be approved by the City Council and certified by a Legally Responsible Official (LRO) prior to submittal to the California Integrated Water Quality System (CIWQS) database.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. The City Council hereby approves the updated Sanitary Sewer Management Plan, dated January 2025, prepared in accordance with the requirements of State Water Resources Control Board Order No. 2022-0103-DWQ.

SECTION 2. The City Council authorizes the City Engineer, or their designated representative serving as the Legally Responsible Official (LRO), to certify and submit the approved SSMP to the State Water Resources Control Board through the CIWQS Sanitary Sewer System Database.

SECTION 3. The City Council directs staff to implement the SSMP and update it as required by the Order, including conduct internal audits of the SSMP at least once every three years and perform updates at least once every six years, or more frequently if required due to system changes, regulatory revisions, or significant performance issues.

SECTION 4. The City Clerk shall file copies of this Resolution with the offices of the City Manager, City Controller, City Attorney and the Public Works Engineering Department.

SECTION 5. The Mayor shall sign and the City Clerk shall attest to the adoption of this Resolution.

SECTION 6. The City Council encourages staff to make the SSMP available to the public on the City's website and through ongoing public outreach, to promote transparency and community understanding of the City's wastewater system management efforts.

ADOPTED this _____ day of _____, 2025.

_____
EMMA SHARIF
MAYOR OF THE CITY OF COMPTON

ATTEST:

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF COMPTON: ss

I, Satra D. Zurita, City Clerk of the City of Compton, hereby certify that the foregoing Resolution was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the City Clerk, at a regular meeting thereof, held on the _____ day of _____, 2025.

That said Resolution was adopted by the following vote, to wit:

AYES: COUNCILMEMBERS-
NOES: COUNCILMEMBERS-
ABSTAIN: COUNCILMEMBERS-
ABSENT: COUNCILMEMBERS-

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

City of Compton

Sewer System Management Plan California

State Water Resources Control Board

JUNE 2025

Prepared for:

CITY OF COMPTON PUBLIC WORKS DEPARTMENT
205 South Willowbrook Avenue
Compton, CA 90220
Contact: John Strickland, Project Manager

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Acronyms and Abbreviations

BMP	Best Management Practice
CCTV	Closed-Circuit Television
CIP	Capital Improvement Program
City	City of Compton
CIWQS	California Integrated Water Quality System
CWEA	California Water Environment Association
FSE	Food Service Establishment
GIS	Geographic Information System
GPS	Global Positioning System
Greenbook	Standard Publication for Public Works and Standard Plans for Public Works
I&I	Inflow & Infiltration
LRO	Legally Responsible Official
MACP	Manhole Assessment Certification Program
NASSCO	National Association of Sewer Service Companies
NPDES	National Pollutant Discharge Elimination System
O&M	Operation and Maintenance
OES	Office of Emergency Services (aka Cal OES)
Order	SWRCB Order No. 2022-0103-DWQ adopted December 6, 2022 and effective June 5, 2023
PACP	Pipeline Assessment Certification Program
PVC	Polyvinyl chloride
RWQCB	Regional Water Quality Control Board
SERP	Spill Emergency Response Plan
SSMP	Sewer System Management Plan
SWRCB	State Water Resources Control Board
VCP	Vitrified Clay Pipe
WDID	Waste Discharge Identification Number
WDR	Waste Discharge Requirements, also referred to as the Sanitary Sewer Systems Waste Discharge Requirements (SSSWDR)
WWTP	Wastewater Treatment Plant

Definitions

Annual Report - A mandatory report in which the Enrollee provides a calendar-year update of its efforts to prevent spills.

California Integrated Water Quality System (CIWQS) - The statewide database that provides for mandatory electronic reporting as required in State and Regional Water Board-issued waste discharge requirements.

Data Submitter - An individual designated and authorized by the Enrollee's Legally Responsible Official to enter spill data into the online CIWQS Sanitary Sewer System Database. A Data Submitter does not have the authority of a Legally Responsible Official to certify reporting entered into the online CIWQS Sanitary Sewer System Database.

Enrollee - A public, private, or other non-governmental entity that has obtained approval for regulatory coverage under the General Order, including:

- A state agency, municipality, special district, or other public entity that owns and/or operates one or more sanitary sewer systems:
    - greater than one (1) mile in length (each individual sanitary sewer system);
    - one mile or less in length where the State Water Resources Control Board or a Regional Water Quality Control Board requires regulatory coverage under the Order, or
- A federal agency, private company, or other non-governmental entity that owns and/or operates a sanitary sewer system of any size where the State Water Resources Control Board or a Regional Water Quality Control Board requires regulatory coverage under the Order in response to a history of spills, proximity to surface water, or other factors supporting regulatory coverage.

Exfiltration - The underground exiting of sewage from a sanitary sewer system through cracks, offset or separated joints, or failed infrastructure due to corrosion or other factors.

Governing Entity - A governing entity includes but is not limited to the following:

- A publicly elected governing board, council, or commission of a municipal agency;
- A Department or Division director of a federal or state agency that is not governed by a board;
- A governing board or commission of an organization or association; and
- A private system owner/manager that is not governed by a board.

Lateral (including Lower and Upper Lateral) - An underground segment of smaller diameter pipe that transports sewage from a customer's building or property (residential, commercial, or industrial) to the Enrollee's main sewer line in a street or easement. Upper and lower lateral boundary definitions are subject to local jurisdictional codes and ordinances, or private system ownership. A lower lateral is the portion of the lateral located between the sanitary sewer system main, and either the property line, sewer clean out, curb line, established utility easement boundary, or other jurisdictional locations. An upper lateral is the portion of the lateral from the property line, sewer clean out, curb line, established utility easement boundary, or other jurisdictional locations, to the building or property.

Legally Responsible Official - An official representative, designated by the Enrollee, with authority to sign and certify submitted information and documents required by the General Order.

Nuisance - California Water Code Section 13050, subdivision (m), defines nuisance as anything which meets all of the following requirements:

- Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property.
- Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.
- Occurs during, or as a result of, the treatment or disposal of wastes.

Potential to Discharge, Potential Discharge - Any exiting of sewage from a sanitary sewer system which can reasonably be expected to discharge into a water of the State based on the size of the sewage spill, proximity to a drainage conveyance system, and the nature of the surrounding environment.

Receiving Water - A water of the State that receives a discharge of waste.

Sanitary sewer system - A system that is designed to convey sewage, including but not limited to, pipes, manholes, pump stations, siphons, wet wells, diversion structures and/or other pertinent infrastructure, upstream of a wastewater treatment plant headworks, including:

- Laterals owned and/or operated by the Enrollee;
- Satellite sewer systems; and/or
- Temporary conveyance and storage facilities, including but not limited to temporary piping, vaults, construction trenches, wet wells, impoundments, tanks and diversion structures.

For purpose of the Order, sanitary sewer systems include only systems owned and/or operated by the Enrollee.

Satellite Sewer System - A portion of a sanitary sewer system owned or operated by a different owner than the owner of the downstream wastewater treatment facility ultimately treating the sewage.

Sewer System Management Plan - A living document an Enrollee develops and implements to effectively manage its sanitary sewer system(s) in accordance with the General Order.

Sewage - Sewage and its associated wastewater, is untreated or partially treated domestic, municipal, commercial and/or industrial waste (including sewage sludge), and any mixture of these wastes with inflow or infiltration of stormwater or groundwater, conveyed in a sanitary sewer system.

Spill - A discharge of sewage from any portion of a sanitary sewer system due to a sanitary sewer system overflow, operational failure, and/or infrastructure failure. Exfiltration of sewage is not considered to be a spill under the General Order if the exfiltrated sewage remains in the subsurface and does not reach a surface water of the State.

Spill Reporting System – Online spill reporting system that is hosted, controlled, and maintained by the State Water Board. The web address for this site is http://ciwqs.waterboards.ca.gov. This online database is maintained on a secure site and is controlled by unique usernames and passwords.

Training - In-house or external education and guidance needed that provides the knowledge, skills, and abilities to comply with the General Order.

Untreated or partially treated wastewater – Any volume of waste discharged from the sanitary sewer system upstream of a wastewater treatment plant headworks.

Waste - As defined in Water Code section 13050(d), includes sewage and any and all other waste substances, liquid, solid, gaseous, or radioactive, associated with human habitation, or of human or animal origin, or from any producing, manufacturing, or processing operation, including waste placed within containers of whatever nature prior to, and for purposes of, disposal.

Waste Discharge Identification Number (WDID) – Number which identifies each individual sanitary sewer system enrolled under the General Order. A WDID number is assigned to each enrolled system upon an Enrollee's approved regulatory coverage.

Waters of the State - Surface waters or groundwater within boundaries of the state as defined in Water Code section 13050(e), in which the State and Regional Water Boards have authority to protect beneficial uses. Waters of the State include, but are not limited to, groundwater aquifers, surface waters, saline waters, natural washes and pools, wetlands, sloughs, and estuaries, regardless of flow or whether water exists during dry conditions. Waters of the State include waters of the United States.

Waters of the United States - Surface waters or waterbodies that are subject to federal jurisdiction in accordance with the Clean Water Act.

Water Quality Objective - The limit or maximum amount of pollutant, waste constituent or characteristic, or parameter level established in statewide water quality control plans and Regional Water Boards' Basin Plans, for the reasonable protection of beneficial uses of surface waters and groundwater and the prevention of nuisance.

WDR – State Water Resources Control Board (SWRCB) Order No. 2022.0103-DWQ, known as the WASTE DISCHARGE REQUIREMENTS (WDR), which was adopted December 2, 2022 and became effective on June 5, 2023.

Purpose and Background

In December 2022, the State of California's Water Resources Control Board (SWRCB) adopted Order Number WQ 2022-0103-DWQ that updated General WDRs for sanitary sewer systems designed to convey sewage greater than one (1) mile in length. The order became effective on June 5, 2023. This order supersedes the previous Order Number 2006-0003-DWQ and all amendments thereafter (i.e., Order No. WQ 2013-0058-EXEC). The WDR requires that all enrolled agencies develop a Sewer System Management Plan (SSMP) that describes the activities of the enrollee in managing, operating, and maintaining their sanitary sewer collection system. The purpose of the Order is to prevent sanitary sewer spills and to provide a plan and schedule for measures to be implemented for spill prevention including measures to effectively clean up and report spills. A copy of the reissued 2022 WDR is included in **Appendix A**.

The reissued WDR includes directives for owners and operators of sanitary sewer systems to demonstrate adequate and efficient management, operation, and maintenance of the sanitary sewer system. Generally, the WDR requires that:

(a.) In the event of a spill, all feasible steps are taken to control the released volume and prevent untreated wastewater from entering storm drains, creeks, etc.

(b.) If a spill occurs, it must be reported to the SWRCB using California Integrated Water Quality System (CIWQS), the online reporting system developed by the SWRCB.

(c.) An SSMP with all mandatory elements be developed and approved by the governing body that owns or is responsible for the operation of the sanitary sewer system. The SSMP must include provisions to provide proper and efficient management, operation, and maintenance of the sanitary sewer system.

Spills often contain high levels of suspended solids, pathogenic organisms, toxic pollutants, nutrients, oxygen-demanding organic compounds, oil and grease and other pollutants. Spills may cause a public nuisance and/or a public health hazard particularly when raw untreated wastewater is discharged to areas with high public exposure, such as streets or surface waters used for drinking, fishing, or body contact recreation. Spills may pollute surface or ground waters, threaten public health, adversely affect aquatic life, and impair the recreational use and aesthetic enjoyment of surface waters.

Sanitary sewer systems experience periodic failures resulting in discharges that may affect waters of the state. There are many factors (including factors related to geology, design, construction methods and materials, age of the system, population growth, and system operation and maintenance), or excessive infiltration and inflow (I/I) which affect the likelihood of a spill. A proactive approach that requires agencies to ensure a system-wide operation, maintenance, and management plan is in place that will reduce the number and frequency of spills within the state. This approach will in turn decrease the risk to human health and the environment caused by spills.

Elements of a SSMP

A Sewer System Management Plan (SSMP) is a living planning document that documents ongoing local sewer system management program activities, procedures, and decision-making – at the scale necessary to address the size and complexity of the subject sanitary sewer system(s). This SSMP may incorporate other programs and other plans by reference, to address short-term and long-term system resilience through:

- Proactive planning and decision-making;

- Local government ordinances;
- Updated operations and maintenance activities and procedures;
- Implementation of capital improvements;
- Sufficient local budget to support staff resources, contractors, equipment, and training; and
- Updated training of staff and contractors.

The Enrollee's development, update, and implementation of a SSMP addressing the pertinent requirements is an enforceable component of the General Order. As specified in the General Order, consistent with the Water Code and the State Water Board Enforcement Policy, the State Water Board or a Regional Water Board may consider the Enrollee's efforts in implementing an effective SSMP to prevent, contain, control, and mitigate spills when considering Water Code section 13327 factors to determine necessary enforcement of the General Order.

The eleven (11) required SSMP Elements that must be included in an SSMP are as follows:

1. Sewer System Management Plan Goal and Introduction
2. Organization
3. Legal Authority
4. Operations and Maintenance Program
5. Design and Performance Provisions
6. Spill Emergency Response Plan
7. Sewer Pipe Blockage Control Plan
8. System Evaluation, Capacity Assurance, and Capital Improvements
9. Monitoring, Measurement and Program Modifications
10. Internal Audits
11. Communication Program

1 SSMP Goal & Introduction

This Sewer System Management Plan (SSMP) has been prepared in compliance with the requirements of the State Water Resources Control Board's Order Number WQ 2022-0103-DWQ. This chapter includes a summary of the regulations that serve as the impetus for the development of this SSMP, update schedule for the City of Compton's (City) SSMP, and a brief overview of the City's service area and sanitary sewer system.

Requirements:

D.1. SEWER SYSTEM MANAGEMENT PLAN GOAL AND INTRODUCTION: The goal of the Sewer System Management Plan (Plan) is to provide a plan and schedule to: (1) properly manage, operate, and maintain all parts of the Enrollee's sanitary sewer system(s), (2) reduce and prevent spills, and (3) contain and mitigate spills that do occur. The Plan must include a narrative Introduction section that discusses the following items:

1.1. Regulatory Context: The Plan Introduction section must provide a general description of the local sewer system management program and discuss Plan implementation and updates.

1.2. Sewer System Management Plan Update Schedule: The Plan Introduction section must include a schedule for the Enrollee to update the Plan, including the schedule for conducting internal audits. The schedule must include milestones for incorporation of activities addressing prevention of sewer spills.

1.3. Sewer System Asset Overview: The Plan Introduction section must provide a description of the Enrollee-owned assets and service area, including but not limited to:

- Location, including county(ies);
- Service area boundary;
- Population and community served;
- System size, including total length in miles, length of gravity mainlines, length of pressurized (force) mains, and number of pump stations and siphons;
- Structures diverting stormwater to the sewer system;
- Data management systems;
- Sewer system ownership and operation responsibilities between Enrollee and private entities for upper and lower sewer laterals;
- Estimated number or percent of residential, commercial, and industrial service connections; and
- Unique service boundary conditions and challenge(s).

Additionally, the Plan Introduction section must provide reference to the Enrollee's up to-date map of its sanitary sewer system, as required in section 4.1 (Updated Map of Sanitary Sewer System) of the General Order's Attachment D.

1.1 Regulatory Context

The City has implemented this SSMP as a "living document" in accordance with the requirements of the State Water Resources Control Board's General Order. The City most recently updated its SSMP in 2018. The City plans to obtain

approval of this SSMP Update by the City Council in late 2024 or early 2025. The SSMP has been audited in 2024 in compliance with the State Water Resources Control Board's regulations.

In 2016, the City entered into a Consent Judgement with the Regional Board due to failing to comply with the existing WDR and violation of the California Water Code. The Judgement indicated several requirements for the City to perform to comply with the Board's requirements, such as CCTV inspecting the sewer system within 2 years, performing routine maintenance within 15 days of discovery, repairing pipes scored with NAASCO PACP Conditions of Grades 5 and 4, and submitting regular reports to the Board. Projects related to these items are to be added to a future capital improvement program. The following elements refer to the pertinent Consent Judgement requirements. The City has not fully complied with the Judgement this far, but moving forward should prioritize the recommended steps in the SSMP Update for full compliance. A copy of the 2016 Consent Judgement is included in **Appendix B**.

The WDR requires that the SSMP be updated and approved by the agency's elected governing body every six (6) years after the date of its last Plan Update due date. In addition, the City is to conduct an internal audit every three (3) years of the SSMP in order to assess the City's progress towards meeting the goals, objectives and requirements set forth in the SSMP. The due dates for the City's SSMP and SSMP audits can be found here using the City's WDID (4SSO10378): https://www.waterboards.ca.gov/water_issues/programs/sso/lookup/.

The SSMP along with all references in the document, self-audits, and the adoption documents approved by City Council will be kept on file at City offices, the City's website and an entry will be made in the California Integrated Water Quality System (CIWQS) database when SSMP updates and audits are completed.

The City has a process in place for ensuring its SSMP will be fully implemented as written. The SSMP will be periodically reviewed by the City to ensure that SSMP elements are being followed and that the information included remains accurate and up to date. If inaccuracies are found, they will be corrected and noted as to when the corrections were made and by whom. Corrections will be tracked in a log or on an errata sheet placed in the SSMP.

The City has a goal of effectively implementing the SSMP to ensure cleaning and CCTV inspection, condition assessment, and rehabilitation is occurring regularly to ensure their sewer system is properly maintained.

1.2 Sewer System Management Plan Update Schedule

Table 1.1 presents important milestones and dates for the City to comply with the General Order in order to incorporate activities that shall prevent sewer spills.

Table 1.1: SSMP Update Schedule

Milestones	Frequency	Dates
Submit Annual Report	Annually	April 1 of each year
Update System Mapping	Quarterly	1/1/2025, 4/1/2025, 7/1/2025, 10/1/2025, etc.
System Cleaning	Entire system every five (5) years (or 20% a year)	1/1/2029 for entire system
CCTV Inspections	Entire system every five (5) years (or 20% a year)	1/1/2029 for entire system
SSMP Focused Training	Quarterly	1/1/2025, 4/1/2025, 7/1/2025, 10/1/2025, etc.

Milestones	Frequency	Dates
Update Equipment Inventory	Monthly	1/1/2025, 2/1/2025, etc.
Evaluate Design Criteria and Construction Standards and Specifications	3 years	8/2/2027
Evaluate Spill Emergency Response Plan	3 years	8/2/2027
Evaluate Sewer Pipe Blockage Control Program	3 years	8/2/2027
CIP Development	5 years	6/30/2025, 6/30/2030, etc.
Review SSMP and Update Change Log	Annually	8/2/2025
SSMP Audit	3 years	8/2/2027
Evaluate Communication Program	3 years	8/2/2027
SSMP Update	6 years	8/2/2031, 8/2/2037, etc.

1.3 Sewer System Asset Overview

The City of Compton (City) is located in southern Los Angeles County and is approximately 9 miles north of Long Beach, 49 miles west of Riverside, and 112 miles south of Bakersfield. The City is accessible via State Highways 110, 105, and 710 as well as State Route 91. The City's area is approximately 10 square miles. The City's population is approximately 96,000.

The City of Compton owns and operates the sanitary sewer collection system within its service area. The system is designed to transport sanitary sewage to trunk sewers operated by the Sanitation Districts of Los Angeles County for further transportation, treatment and eventual discharge. The City provides sewer service to most businesses and residents within the City. Table 1.2 documents the City's sewer system assets, and Table 1.3 documents the number of service connections which connect into the City's sewer system. General maintenance of the sanitary sewer collection system is performed by City staff within Utilities Section of the Public Works Department (D.P.W.).

Table 1.2: Sewer System Assets

City Assets	Value
Total Length	147,1 miles
Length of Gravity Mainlines	147.1 miles
Length of Pressure Force Mains	None
Number of Lift Stations	None
Number of Siphons	1
Structures Diverting Stormwater to the Sewer System	None
Data Management Systems	1
Sewer System Ownership and Operation Responsibilities between Enrollee and Private Entities for Upper and Lower Sewer Laterals	City responsibility starts at the main; Private entities are responsible for sewer lateral up to the connection with the sewermain.
Estimated Number or Percent of Residential, Commercial, and Industrial Service Connections	See Table 1-3
Unique Service Boundary Conditions and Challenge(s)	Unincorporated county areas located within the

	City's outer limits

Table 1.3: Number of Service Connections

Customer Class	Service Connections
Single Family Residential	12,092
Multi-Family Residential	577
Commercial/Institutional	1276
Industrial	136
Landscape	18
Other	182
Total *Connections*	**14,281**

2 Organization

This chapter describes the City's organizational staffing responsible and integral for implementing the local Sewer System Management Plan.

REQUIREMENTS:

D.2. ORGANIZATION: The Plan must identify organizational staffing responsible and integral for implementing the local Sewer System Management Plan through an organization chart or similar narrative documentation that includes:

- The name of the Legally Responsible Official as required in section 5.1 (Designation of a Legally Responsible Official) of the General Order;
- The position titles, telephone numbers, and email addresses for management, administrative, and maintenance positions responsible for implementing specific Sewer System Management Plan elements;
- Organizational lines of authority; and
- Chain of communication for reporting spills from receipt of complaint or other information, including the person responsible for reporting spills to the State and Regional Water Boards and other agencies, as applicable. (For example, county health officer, county environmental health agency, and State Office of Emergency Services.)

2.1 Name of Legally Responsible Official

John Strickland, Director of Public Works, is the City's Legally Responsible Official (LRO) and has responsibility over management of the Enrollee's entire sanitary sewer system. His contact information is (310) 605-5505 (office) and jstrickland@comptoncity.org.

The City currently has one authorized representative for all wastewater system matters, the Public Works Director/City Engineer. The City is currently working on adding the Street Superintendent as a second LRO. In most circumstances, the Public Works Director will certify all electronic spill reports submitted to the SWRCB.

The Public Works Director is responsible for implementing and maintaining all elements of this SSMP.

The LRO must have authority to ensure compliance, authority over management of the entire sewer system, and authorized to make managerial decisions governing operations, capital improvements, and ensuring long-term environmental compliance. The LRO must possess recognized degree/certificate for operation and maintenance of sewer systems and/or professional training and experience demonstrated through extensive knowledge, training, and experience.

2.2 Department Organization

The organizational lines of authority for the City's Department of Public Works Engineering and Street Maintenance Division are indicated in Figures 2.1 and 2.2.

Figure 2.1: Public Works Engineering Organizational Chart

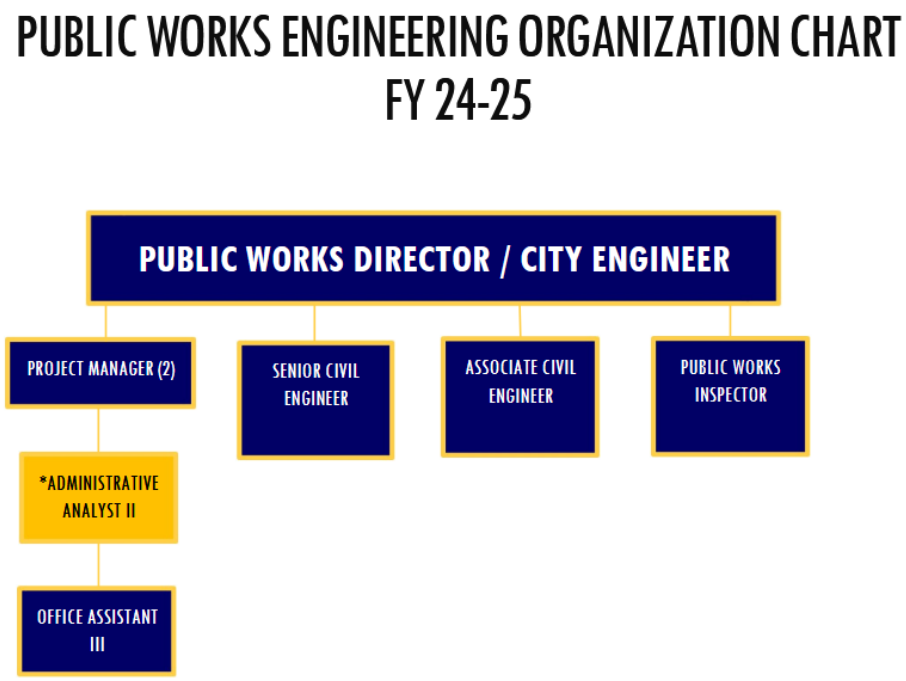
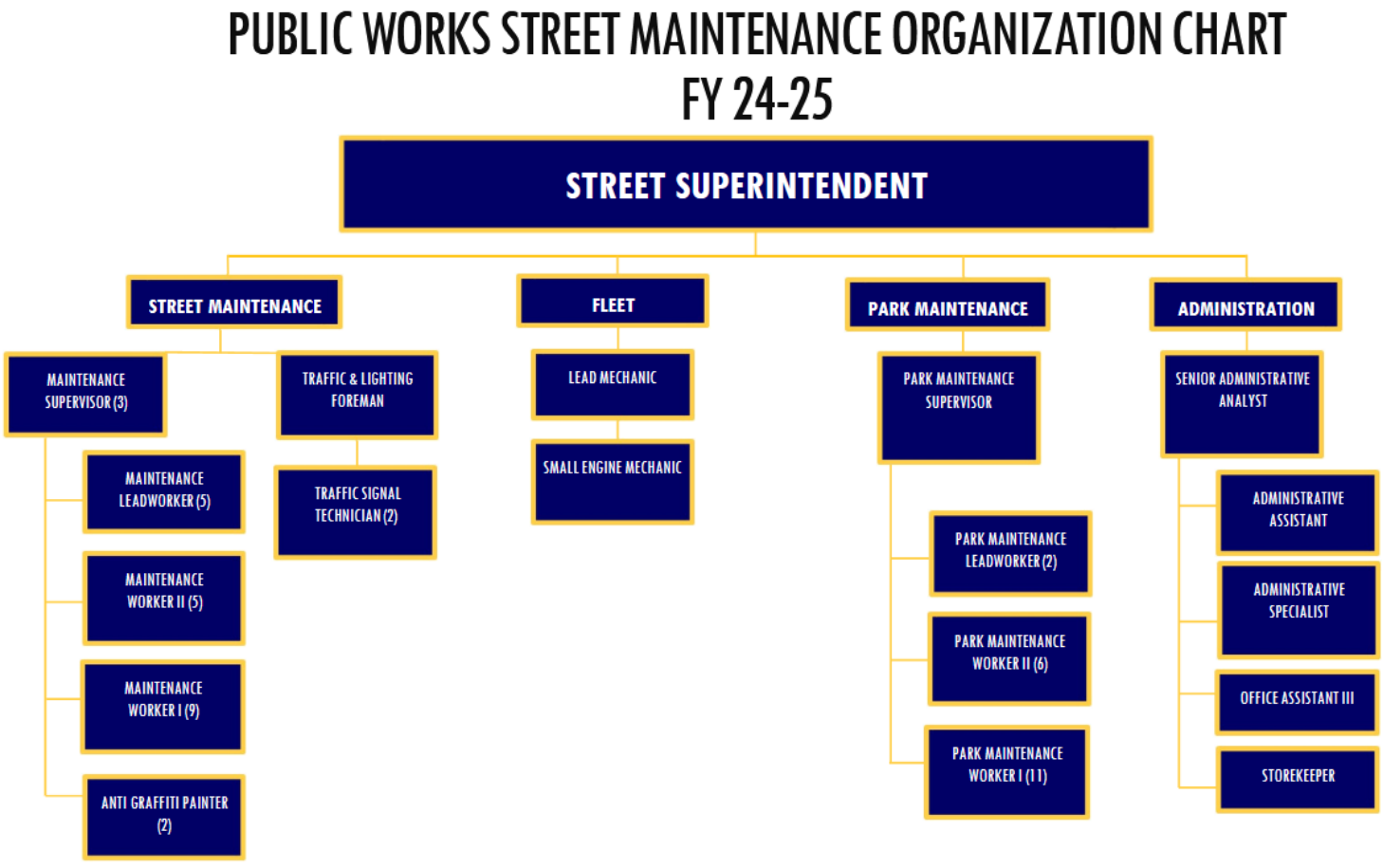


Figure 2.2: Public Works Street Maintenance Organizational Chart



2.3 Roles and Responsibilities

The position titles, telephone numbers, and email addresses for management, administrative, and maintenance positions responsible for implementing specific Sewer System Management Plan elements are indicated in Table 2.1. The responsibilities for these roles are detailed in Table 2.2. The positions that implement the SSMP are detailed in Table 2.3.

Table 2.1: Key Staff Roles

Role	Name	Phone Number	Email Address
City Engineer	Jack Gong	310-605-5505	hgong@comptoncity.org
Project Manager	John Strickland	310-605-5505	jstrickland@comptoncity.org
Interim Street Superintendent	Marcus Harris	310-605-5691	MHarris@comptoncity.org
Street Maintenance Supervisor	Marcus Harris	310-493-2012	MHarris@comptoncity.org
Wastewater Technician	Dominic Washington	310-605-5691	dwashington@comptoncity.org
Maintenance, Worker I	Kevin Moses	310-605-5691	kmoses@comptoncity.org
Maintenance, Worker I	Oscar Hurtado	310-605-5691	ohurtado@comptoncity.org

Table 2.2: Department Roles & Responsibilities

Role	Responsibilities
Director of Public Works/City Engineer	Under administrative direction of the City Manager, the Director of Public Works/City Engineer plans, organizes, directs and administers the activities and operations of the Public Works Engineering Department. This role is responsible for policy development, program planning, fiscal management, administration, and operational direction of the City's Public Works Department. This includes oversight of the City's capital improvement program; planning, designing, constructing and maintaining public streets and City open spaces; utilities including sewer and storm drains; traffic engineering; maintenance of City vehicles; coordinates assigned activities with other City departments and outside agencies controlling work and activity in City rights-of-way, and maintaining public works records.
Street Superintendent	Under the administrative direction of the Assistant City Manager, the Street Superintendent has direct responsibility of managing and directing all field operations for construction and maintenance of the City's infrastructure, including but not limited to, traffic controls, parks, medians, trees, golf course, and graffiti abatement. In addition, this position shall have direct responsibility for maintaining the City's sewers, construction equipment, and automotive fleet.
Street Maintenance Supervisor	Works under the general supervision of the Street Superintendent. Supervises the maintenance of City streets, including concrete and asphalt repairs, tree trimming, street sweeping and sewer and stormwater systems in compliance with Department procedures and City policies. Schedules maintenance projects, including the work of

Role	Responsibilities
	City crews or contractor and supervises the activities of street and/or sewer maintenance crews.
Interim Wastewater Technician	Works under the general supervision of the Street Maintenance Supervisor; oversees workers at assigned work site and provides direction, training, guidance, and assistance to lower-level Maintenance Workers performing wastewater duties.
Maintenance, Worker I	Under general supervision, performs a variety of journey level semi-skilled and manual labor tasks in the maintenance of sanitary sewer systems; and performs other related duties.
Worker I	Under general supervision, performs a variety of journey level semi-skilled and manual labor tasks in the maintenance of sanitary sewer systems; and performs other related duties.

Table 2.3: Positions that Implement the City's SSMP

WDR (Appendix A)	Position(s)
Legally Responsible Official (LRO) or Duly Authorized Representative [SSSWDR 5.1]	Public Works Director/City Engineer
1. Goal [SSSWDR Att. D.1]	Public Works Director/City Engineer
2. Organization [SSSWDR Att. D.2]	Public Works Director/City Engineer
3. Legal Authority [SSSWDR Att. D.3]	City Council, City Manager, and Public Works Director/City Engineer
4. Operation and Maintenance Program [SSSWDR Att. D.4]	City Council, City Manager, and Public Works Director/City Engineer
5. Design and Performance Provisions [SSSWDR Att. D.5]	Street Maintenance Supervisor
6. Spill Emergency Response Plan [SSSWDR Att. D.6]	Public Works Director/City Engineer, and Street Superintendent
7. Sewer Pipe Blockage Control Program [SSSWDR Att. D.7]	Street Maintenance Supervisor/Fire Department
8. System Evaluation, Capacity Assurance and Capital Improvements [SSSWDR Att. D.8]	Street Maintenance Supervisor
9. Monitoring, Measurement,	Public Works Director/City Engineer, Street

WDR (Appendix A)	Position(s)
and Program Modifications [SSSWDR Att. D.9]	Superintendent, and Street Maintenance Supervisor
10. SSMP Program Audits [SSSWDR Att. D.10]	Public Works Director/City Engineer
11. Communication Program [SSSWDR Att. D.11]	Street Superintendent
12. Funding [SSSWDR Att. D.8.4]	Public Works Director/City Engineer

2.4 Chain of Communication

The Order requires the chain of communication for reporting spills from receipt of complaint or other information, including the person responsible for reporting spills to the State and Regional Water Boards and other agencies, as applicable. Figure 2.3 contains a flowchart depicting this chain of communication. Table 2.4 lists contact phone numbers for the parties included in the chain of communication. Table 2.5 lists contact phone numbers for outside resources.

Figure 2.3: Spill Response Chain of Communication

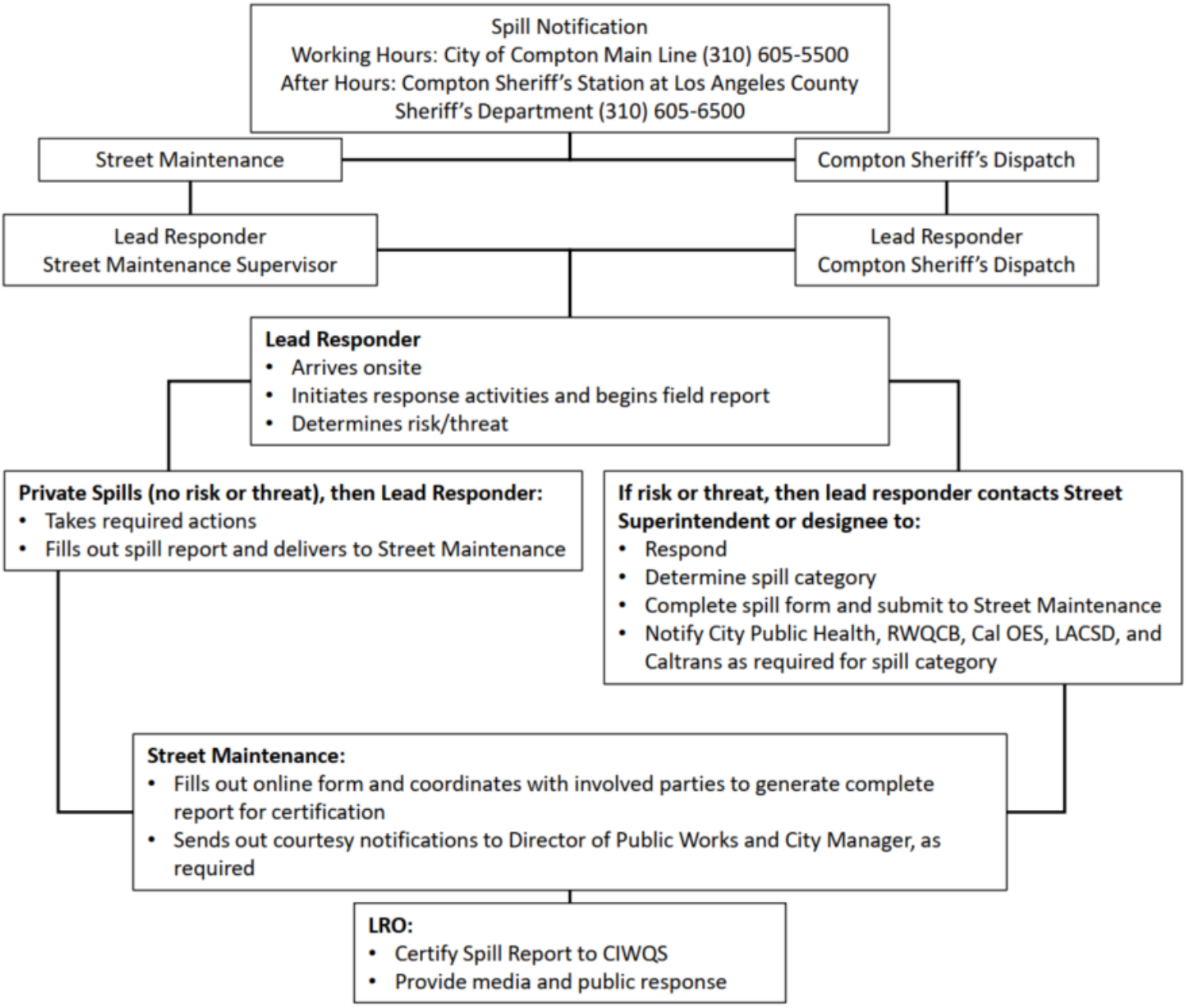


Table 2.4: Contact Numbers for Chain of Communication

Contact	Telephone Number
Los Angeles County Sheriff Department Compton Sheriff's Station	310-605-6500
On-Call Sewer Crew Member (National Plant Services)	562-436-7600
Street Maintenance Supervisor	310-605-5691

City Engineer	310-605-5505

Table 2.5: Contact Numbers for Outside Resources

Organization	Contact Name	Telephone Number	Email
Environmental Consultant			
John L Hunter and Associates	John Hunter & Michelle Staffield	562-623-7032	mstaffield@jlha.net
Sewage Spill Response Companies			
Clear Blue	Michael Conchig	562-431-4300	
National Plant Services Long Beach, CA	Jorge Salas	310-436-7600	jsalas@nationalplantservices.com
Outside Agency Notification			
When sewage enters storm drain system: L.A. County Department of Public Works Flood Maintenance Division Contact: Imperial Yard, South Gate		562-861-0316	
If spill is originating from a Sanitation District Trunk Line: Sanitation Districts of Los Angeles County		323-685-5217 After hours: 323-685-5217	
If spill exceeds 1,000 gallons: Los Angeles County Health Department		323-881-4147 After hours: 323-881-4147	
Adjacent City Notifications			
City of Gardena		310-217-9568 After hours: 310-217-9500	
City of Lynwood		310-603-0267 After hours: 562-861-9221	

Organization	Contact Name	Telephone Number	Email
City of Carson		310-847-3520 After hours: 310-830-7600	
City of Paramount		562-220-2020 After hours: 562-866-9061	
Where sewage may discharge to beach areas, also contact: City of Long Beach		562-570-2876 After Hours: 562-570-6383	

3 Legal Authority

This chapter describes the legal authority required to implement the SSMP plans and procedures.

Requirements:

D.3. LEGAL AUTHORITY: The Plan must include copies or an electronic link to the Enrollee's current sewer system use ordinances, service agreements and/or other legally binding procedures to demonstrate the Enrollee possesses the necessary legal authority to:

- Prevent illicit discharges into its sanitary sewer system from inflow and infiltration (I&I); unauthorized stormwater; chemical dumping; unauthorized debris; roots; fats, oils, and grease; and trash, including rags and other debris that may cause blockages;
- Collaborate with storm sewer agencies to coordinate emergency spill responses, ensure access to storm sewer systems during spill events, and prevent unintentional cross connections of sanitary sewer infrastructure to storm sewer infrastructure;
- Require that sewer system components and connections be properly designed and constructed;
- Ensure access for maintenance, inspection, and/or repairs for portions of the service lateral owned and/or operated by the Enrollee;
- Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures; and
- Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.

3.1 Compliance Documents

Supporting information for Element 3 is included in **Appendix C**. This appendix includes the following documents:

a. Chapter 23 (Sewer and Water) of the City Municipal Code

3.1.1 Municipal Code

The legal authority required for the SSMP by the SWRCB is contained within the City's Municipal Code. Chapter 23 (Sewer and Water) is dedicated to the sewer system. (https://ecode360.com/35619452#35619452).

3.2 Compliance Summary

Table 3.1: WDR Requirements

Legal Authority Order Requirements	Applicable Sections of the City Municipal Code
a. Prevent illicit discharges into its sanitary sewer system from inflow and infiltration (I&I); unauthorized stormwater; chemical dumping; unauthorized debris; roots; fats, oils, and grease; and trash, including rags and other debris that may cause	• Section 23-2.11 requires installment of sand traps for any livery stable or garage to prevent fats, oils, and grease. • Section 23-2.13 restricts illicit discharge of rain water and surface water into sewer.

Legal Authority Order Requirements	Applicable Sections of the City Municipal Code
blockages	• Section 23-2.15 restricts discharge of oil, grease, refuse, or any other clogging material including with a chemical or mechanical tendency into the sewer. • Section 23-3.8 applies to industrial waste discharges into sewer • Section 23-3.4 and 23-3.5 prohibit food service establishments from discharging FOG materials into the sewer system. • Section 23-3.7 requires that all new food service establishments install, operate, and maintain a grease control device for pretreatment.
b. Collaborate with storm sewer agencies to coordinate emergency spill responses, ensure access to storm sewer systems during spill events, and prevent unintentional cross connections of sanitary sewer infrastructure to storm sewer infrastructure	• Not relevant; the City's sewer and storm staff are all under the same Street Maintenance Division at the City and therefore sewer staff should be well informed of the storm drain system.
c. Require that sewer system components and connections be properly designed and constructed	• Section 23-1.25 prohibits unauthorized cross-connections with potable water system. • Section 23-2.14 and 23-2.28 apply to connections between private property and public sewer main. • 23-2.2, 23-2.19 limits who can design and construct sewer system components. • 23-3.13 applies to grease interceptor requirements for installation.
d. Ensure access for maintenance, inspection, and/or repairs for portions of the service lateral owned and/or operated by the Enrollee	• Section 23-3.17 allows for the right to inspect any sewer connection discharging into the City's sewer and allows for right of entry to do so.
e. Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures	• Section 23-3.19 allows for enforcement of violations to any provision stated in the 'Sewer and Water' section • Section 23-3.20 allows for the penalties imposed on the City by regulatory agencies
f. Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable	• Not available

3.2.1 Prevention of Illicit Discharges

All measures prohibiting illicit discharges are included in Sections 23-2.13, 23-2.15, 23-3.4 and 23-3.5 of the City's Municipal Code. The specific purpose of the chapter is to prevent the discharge of any pollutant into the sewers that would obstruct or damage the collection system, interfere with treatment, or threaten harm to human health or the environment.

a. **Stormwater and I/I** - Section 23-2.13 restricts illicit discharge of rainwater and surface water, including stormwater, into a sanitary sewer. The City plans to update Ordinance to specify unauthorized stormwater inflow and infiltration as not allowed in sewer system.

- **Industrial Waste** - Section 23-2.15 restricts discharge of oil, grease, refuse, or any other clogging material including with a chemical or mechanical tendency into the sewer. Sections 23-3.8 requires any existing or new industrial or commercial facility, except food service establishments, that discharges FOG materials that have the potential to cause blockages to the sewer system, at the discretion of the Director of Public Works, to obtain an industrial waste discharge permit from the Sanitation District of Los Angeles County.
- **Chemical Dumping** –Section 23-2.15 restricts discharge of oil, grease, refuse, or any other clogging material including with a chemical or mechanical tendency into the sewer. The City plans to update the Ordinance to specify unauthorized stormwater inflow and infiltration as not allowed in sewer system.
- **Unauthorized Debris; Roots; Fats, Oils, and Grease; and Trash -** Section 23-2.15 restricts discharge of oil, grease, refuse, or any other clogging material including with a chemical or mechanical tendency into the sewer. Section 23-3.4 and 23-3.5 prohibit food service establishments from discharging FOG materials into the sewer system. The City plans to update the Ordinance to specify roots that may cause blockages are not allowed.

3.2.2 Storm Water Agency Collaboration

The City's sewer and storm staff are all under the same Street Maintenance Division at the City and therefore sewer staff are also well informed of the storm drain system. The City controls their own Storm Water Protection Program which complies with all conditions of the State Water Resources Control Board. This enables a unified collaboration and flow of information between staff members. This department provides resources in responding to spills and access to storm sewer systems during spill events. Communication and training with staff allow both agencies to know their part in responding to spills and recognizing areas at risk, develop strategies in containing and preventing spills, and reduce risks of cross contamination. Additionally, the City's personnel maintain knowledge of the locations of storm water collection facilities that are nearby sewer facilities.

Installation of sewer and storm water facilities are coordinated to prevent unintentional cross connections. To ensure that cross-connections between the City's sanitary sewer and storm drain systems do not occur, the City maintains records of the alignments of both systems and when they were constructed.

No connections to either system are allowed without a permit being first obtained from the City's Public Works Department. Each such permit issued is to contain the following information:

- Line to which the connection was made
- Location of connection on the line
- Depth of the connection at property line
- When the connection was made

All connections to either system are inspected by a City inspector to ensure that all of the above information is accurate and that the connection is made in accordance with established standards. Building Inspectors are responsible for inspecting all on-site connections, while Public Works inspectors are responsible for inspecting all connections within the public rights-of-way.

After approval of the connection inspection, the applicable inspector permanently files the inspection card and permit in the appropriate City file for perpetual maintenance.

3.2.3 Proper Design and Construction of Sewers and Connections

Regulations pertaining to the design, construction, and inspection of private sewer systems, building sewers, and connections are included in Chapter 23 of the City's Municipal Code.

Permit Required - No person shall do any sewer or cesspool work in connection with any building or structure or disconnect any building or structure from any sanitary sewer within the City, without first obtaining from the Department of Buildings a written permit to do so as discussed in Section 23-2.5.

- Section 23-2.14 and 23-2.28 apply to connections between private property and public sewer main
- Section 23-2.2 and 23-2.19 limits who can design and construct sewer system components.

3.2.4 Lateral Maintenance Access

Property owners are responsible for maintaining the house lateral to the connecting sewer at curb, property line or to a cesspool, per section 23-2.1. Section 23-2.14 provides restrictions for lateral connections.

- Section 23-3.17 allows for right to inspect any sewer connection discharging into the City's sewer and allows for right of entry to do so.

3.2.5 Enforcement Measures

Chapter 23 permits the enforcement of sewer provisions. The person in violation is subject to damages, fines and penalties, including civil liability under such other laws.

- Section 23-3.19 allows for enforcement of violations to any provision stated in the 'Sewer and Water' section
- Section 23-3.20 allows for the penalties imposed on the City by regulatory agencies

3.2.6 Easement Accessibility Agreements

The City has no information on obtaining easement accessibility agreements for locations requiring sewer system operations and maintenance.

The City is looking into updating the Ordinance to potentially include acquisition of easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.

4 Operation and Maintenance Program

This chapter describes the City's ability to properly manage, operate, and maintain all parts of the sanitary sewer system owned and operated by the City, and that the system operators (including employees, contractors, or other agents) are adequately trained and possess adequate knowledge, skills, and abilities.

Requirements:

D.4. OPERATION AND MAINTENANCE PROGRAM: The Plan must include the items listed below that are appropriate and applicable to the Enrollee's system.

4.1. Updated Map of Sanitary Sewer System: An up-to-date map(s) of the sanitary sewer system, and procedures for maintaining and providing State and Regional Water Board staff access to the map(s). The map(s) must show gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities within the sewer system service area boundaries.

4.2. Preventive Operation and Maintenance Activities: A scheduling system and a data collection system for preventive operation and maintenance activities conducted by staff and contractors.

The scheduling system must include:

- Inspection and maintenance activities;
- Higher-frequency inspections and maintenance of known problem areas, including areas with tree root problems;
- Regular visual and closed-circuit television (CCTV) inspections of manholes and sewer pipes. The data collection system must document data from system inspection and maintenance activities, including system areas/components prone to root-intrusion potentially resulting in system backup and/or failure.

4.3. Training: In-house and external training provided on a regular basis for sanitary sewer system operations and maintenance staff and contractors. The training must cover:

- The requirements of the General Order;
- The Enrollee's Spill Emergency Response Plan procedures and practice drills;
- Skilled estimation of spill volume for field operators; and
- Electronic CIWQS reporting procedures for staff submitting data.

4.4. Equipment Inventory: An inventory of sewer system equipment, including the identification of critical replacement and spare parts.

4.1 Updated Map of Sanitary Sewer System

The City has not yet created a comprehensive, customized, electronic based Geographic Information System (GIS) sewer collection system map, showing all pipeline segments and manholes within the City's jurisdictional boundary. At the current time, maps are available indicating general pipeline, and manhole locations. These as builts are kept in a vault. The City is working with a controller to get a scanning company and create a well-organized recordkeeping system.

The City does maintain maps of the nearby storm water inlets and pipelines. To ensure that cross-connections between the City's sanitary sewer and storm drain systems do not occur, the City maintains records of the alignments of both systems and when they were constructed.

The City plans to develop a GIS sewer collection system map. A hydraulic model is being developed as part of their 2024 sewer master plan. As part of this model, trunk sewers for the largest systems comprising of 6 basins are being incorporated into GIS. This will serve as the beginning of their GIS mapping, which can be developed over time. The City hopes to hire a surveyor to survey pipeline inverts to complete sewer system GIS. The City plans to add applicable stormwater conveyance facility data to the map.

The City will provide State and Regional Water Board staff access to the map(s) through submitting the sewer geodatabase to the State and Regional Water Boards as well as including the map within this SSMP Update, which will be submitted to CIWQS. A map of the sewer collection system is included in **Appendix D**.

Per Consent Judgement, the City must subscribe to an asset manager software program. As part of the recent Sewer Master Plan, the City has started the development of GIS for the sewer collection system. Once development of GIS for the entire system is completed, the City will be able to acquire a subscription to Maximo or another similar program.

4.2 Preventive Operation and Maintenance Activities

The City does prioritize its preventive operation and maintenance activities. This includes cyclic cleaning, regular maintenance, and investigation of customer complaints.

4.2.1 Sewer Cleaning & CCTV Inspection

Since 1987, the Public Works Department (PWD) has started a plan to clean & conduct a closed-circuit television (CCTV) survey of the citywide sewer system. The PWD maintains the records of the results of the CCTV survey.

Per Consent Judgement, the City must CCTV the entire sewer system every five (5) years (or 20% a year).

The City has contracted with National Plant Services (NPS) to CCTV and perform cleaning of the sewer collection system. While historically this effort has not been performed consistently, the City plans to improve the consistency of the cleaning and CCTV inspection operations of NPS by securing adequate funding and expanding the contract to ensure 20% of the system is covered each year

NPS is NAASSCO PACP certified, which is required per Consent Judgement. This has been confirmed on their website and on NASSCO's certified professional directory. CCTV inspection reports with NASSCO's PACP condition assessment rankings are generated with these CCTV inspections. No MACP condition assessment rankings are generated.

Per the Consent Judgement for pipes scored with NAASCO PACP Conditions of Grade 5, the sewer shall be repaired within 6 years of Judgement or 1 year of detection. For pipes scored with NAASCO PACP Conditions of Grade 4, the sewer shall be repaired by 2026 (within 10 years of Judgement) or 2 years of detection. If the City cannot meet these schedules for repairs, they must meet and confer with Regional Board to attempt to modify schedule. The City has not yet made these repairs based on the CCTV inspections; however, repairs are being included in the recommended Capital Improvement Program project list generated from the 2024 Sewer Master Plan.

Per Consent Judgement, the City must complete routine maintenance (including inspections, cleanings, root control, fats, oils, and grease control, and recordkeeping) within 15 days of discovery from CCTV. The CCTV cleaning NPS performs is based on scheduled sections as well as hotspot areas. As previously mentioned, cleaning has not been performed consistently and has been based on available budget. NPS does not treat the City's sewer system for

roots; however, roots are mechanically removed if they are encountered during cleaning. It does not appear routine maintenance is performed within 15 days of discovery from CCTV. However, the City is on track to successfully clean the entire sewer system every five (5) years (or 20% a year) despite not having a regular schedule for cleaning. Moving forward, the City has a goal to clean the entire sewer system every five (5) years (or 20% a year).

According to the Consent Judgement, the City shall submit a report on CCTV data, maintenance, and repairs to the Regional Board once complete. It does not appear the City is regularly submitting these. Quarterly reports must also be submitted to the Regional Board on projects, CCTV, repairs, and maintenance. The City is submitting these quarterly reports.

a. Review CCTV for issues such as infiltration & inflow (I/I) and aging infrastructure.

b. Any problem identified in the CCTV inspection should be tracked and scheduled for repair based on the urgency of the repair.

4.2.2 Visual Inspection

The sewer crew utilizes semiannual manhole inspection of all manholes. CCTV sewer manhole inspections are not performed by NPS as part of their contract.

While conducting routine sewer maintenance activities, sewer staff are to visually inspect the worksite to identify any of the following potential problems:

- Cracked/deteriorating pipes
    - Line generally flowing at or near capacity
- Leaking joints/seals at manholes
    - Chemical erosion of manhole channel, inlets or outlets
    - Evidence of sewage stacking in the manhole

Any potential problems noted are to be documented using a Service Request form and reported to the Street/Sewer Superintendent before the end of the workday.

The Street/Sewer Superintendent will be responsible for prioritizing and scheduling all repairs that may be practicable given budgetary constraints. Any repairs that may exceed budgetary constraints or other departmental authority shall be forwarded to the Director of Public Works for budgetary consideration. Repairs shall be prioritized in accordance with the following parameters:

- Problems causing overflows or which may cause an imminent overflow are to be scheduled immediately. These repairs may be temporary until scheduled or capital improvements may be completed.
- Problems that do not require immediate attention and are feasible to be performed within staff and budgetary constraints shall be scheduled as soon as practicable.
- Problems requiring line rehabilitation, installing bypass lines, constructing new pipelines, etc., require capital improvements, which must be forwarded through management to the City Council for funding authorization.

4.2.3 Odor Control

The City receives approximately 40 isolated odor complaints per year. About 50% of the odor complaints are generated by the LACSD East Alameda St Corridor. There is currently not an odor control program in place.

4.2.4 Corrosion Control

The City does not have a corrosion control program in place at this time.

4.2.5 Investigation of Customer Complaints

The City responds to customer complaints regarding the sewer system. Complaints are generally related to sewer stoppages, overflows, or odors. Response is performed by the collection system staff. Response includes assessing the complaint and resolving the problem.

4.2.6 Data Collection

CCTV and cleaning data is provided to the City by NPS. These records are maintained in a table format indicating the manhole and sewer pipeline IDs, street location, and pipe size, material, and length.

While City staff are not fully tracking CCTV inspections and maintenance activities to ensure all preventative maintenance activities are documented and performed on schedule and according to deadlines in the Consent Judgement, the City plans to improve on tracking these items moving forward. The City is to review the CCTV data for issues such as infiltration & inflow (I/I) and aging infrastructure. Any problem identified in the CCTV inspection should be tracked and scheduled for repair based on the urgency of the repair.

City staff plan to consistently document their cleaning and CCTV inspections in electronic format on City servers and are committed to continuing thorough documentation of all maintenance activities. The City intends to add this information to their GIS database once established. The City plans to improve documentation and monitoring of system deficiencies with recurrent issues based off complaints, field inspections, and CCTV inspection results.

The City plans to include a requirement in its renewed contract with NPS for NPS to maintain an internal system that tracks the City's scheduled preventive maintenance, repairs, cleaning, and CCTV database. This should be regularly reviewed to ensure maintenance and repairs of the entire system are being performed and tracked by the NPS and according to deadlines in the Consent Judgement.

4.3 Training

The City does not yet have a formal training program for the Street Maintenance Division, nor does the City consistently perform training focused on SSMP information. National Plant Services, who the City is contracted with for CCTV inspection and cleaning, it is not required by contract to perform staffing. According to the Consent Judgement, staff must be trained through the CA water Environmental Association in collection system maintenance.

The City plans to perform annual meetings to review sections of the SSMP. The City plans to implement training on the requirements of the General Order, Spill Emergency Response Plan procedures and practice drills, skilled estimation of spill volume for field operators, and electronic CIWQS reporting procedures for staff submitting data.

Additionally, the City plans to ensure new sewer maintenance staff are aware of the SSMP and the importance of the training program. All trainings will be documented, and the records will be made readily accessible.

The City plans to perform drills and skilled volume estimations each year.

The City plans to update their contract with NPS so that they are required to provide documentation on SSMP training. They will be required to perform training annually related to the SSMP. This training will cover the requirements of the General Order as well as the City's Spill Emergency Response Plan procedures and practice drills.

4.4 Equipment Inventory

The City is responsible for ensuring that their equipment is kept in proper working condition and that backup supplies are available.

Per the Consent Judgement, the City has purchased a vactor truck that is used on an emergency basis. The City was to also purchase CCTV equipment; however, they have contracted with National Plant Services to perform this work.

The City plans to create a database for spare parts and track the current inventory, e.g. for function CCTV inspection truck and vactor truck. Staff are to update this as repairs are made and parts are ordered. The equipment and spare parts are to be checked regularly to make sure that they are in working order for use in emergencies. The condition of the equipment is to be tracked in the database.

The City also plans to continue ongoing communication with vendors and local suppliers in case additional equipment and parts are needed for emergency repairs.

5 Design and Performance Provisions

This chapter references the design and construction standards & specifications for new sewer systems, pump stations, and other appurtenances, and for the rehabilitation and repair of existing sewer systems. Also included are the procedures and standards for the inspection and testing of these facilities.

Requirements:

D.5. DESIGN AND PERFORMANCE PROVISIONS: The Plan must include the following items as appropriate and applicable to the Enrollee's system:

5.1. Updated Design Criteria and Construction Standards and Specifications: Updated design criteria, and construction standards and specifications, for the construction, installation, repair, and rehabilitation of existing and proposed system infrastructure components, including but not limited to pipelines, pump stations, and other system appurtenances. If existing design criteria and construction standards are deficient to address the necessary component-specific hydraulic capacity as specified in the General Order section 8 (System Evaluation, Capacity Assurance and Capital Improvements) of the Attachment D, the procedures must include component-specific evaluation of the design criteria.

5.2. Procedures and Standards: Procedures and standards for the inspection and testing of newly constructed, newly installed, repaired, and rehabilitated system pipelines, pumps, and other equipment and appurtenances.

5.1 Updated Design Criteria and Construction Standards and Specifications

The City utilizes the current edition of the Standard Specifications for Public Works and Standard Plans for Public Works (Greenbook), the L.A. County Standard Plans, and CalTrans Standard Specifications and Standard Plans to provide design and performance provisions.

To assure that sewer facilities are properly designed and constructed, DPW requires that plans are designed by licensed engineers.

The City maintains that their sewer mains are installed, tested, and inspected according to the current Greenbook standards.

The City bids out design projects to engineering firms and whoever wins the bid at the time is who the City uses for design services. Currently, the City has a contract with NV5 for rehabilitation projects. The City staff and/or plan check consultants provide thorough review of plans prior to approval for and conducting inspection of construction work related to new and rehabbed sewer system components.

Permits for construction of any public sewer infrastructure are not issued until the iterative plan check process has been satisfactorily completed, thus, ensuring the functional design and adequate capacity of the public sewer collection system.

The City requires the preparation and submittal of "As-Built" plans of completed projects prior to final approval and acceptance of the project as public infrastructure.

Per Consent Judgement, the City must implement a root control program. The City has not yet created a program for this. National Plant Services, who the City is contracted with for CCTV inspection and cleaning, does not treat the City's sewer system for roots; however, roots are mechanically removed if they are encountered during cleaning. The City plans to consider contracting with NPS to track this, add to the existing hot spot list, and determine best method to treat roots within the system. Problem areas identified in the existing CCTV inspection by NPS will be tracked and will also be added to the upcoming master plan so that it can be scheduled for repair. A treatment schedule will be developed based on the need for problem areas and root prone areas.

5.2 Procedures and Standards

The City maintains that their sewer system pipelines, pumps, and other equipment and appurtenances. are installed, tested, inspected, repaired, and rehabilitated according to the current Greenbook standards.

6 Spill Emergency Response Plan

This chapter provides an overview and summary of the City's spill response, detection, mitigation, clean up, investigation, documentation, and reporting.

Requirements:

D.6. SPILL EMERGENCY RESPONSE PLAN: The Plan must include an up-to-date Spill Emergency Response Plan to ensure prompt detection and response to spills to reduce spill volumes and collect information for prevention of future spills. The Spill Emergency Response Plan must include procedures to:

- Notify primary responders, appropriate local officials, and appropriate regulatory agencies of a spill in a timely manner;
- Notify other potentially affected entities (for example, health agencies, water suppliers, etc.) of spills that potentially affect public health or reach waters of the State;
- Comply with the notification, monitoring and reporting requirements of the General Order, State law and regulations, and applicable Regional Water Board Orders;
- Ensure that appropriate staff and contractors implement the Spill Emergency Response Plan and are appropriately trained;
- Address emergency system operations, traffic control and other necessary response activities;
- Contain a spill and prevent/minimize discharge to waters of the State or any drainage conveyance system;
- Minimize and remediate public health impacts and adverse impacts on beneficial uses of waters of the State;
- Remove sewage from the drainage conveyance system;
- Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters;
- Implement technologies, practices, equipment, and interagency coordination to expedite spill containment and recovery;
- Implement pre-planned coordination and collaboration with storm drain agencies and other utility agencies/departments prior, during, and after a spill event;
- Conduct post-spill assessments of spill response activities;
- Document and report spill events as required in the General Order; and
- Annually, review and assess effectiveness of the Spill Emergency Response Plan, and update the Plan as needed.

6.1 Background

The City of Compton's sewer system discharges to LACSD's regional system, where it is treated. The collection system is considered to be part of the system that is subject to the order (40 C.F.R. part 122.41(e)) and is included in this response plan.

The City will annually review and assess the effectiveness of the Spill Emergency Response Plan (SERP) and update as necessary to comply with the reissued WDR. As part of these efforts, the City plans on perform regular training on SERP and develop an effective system to track and monitor spills

Note: During the 5-year period extending from January 1, 2014 to December 31, 2018, the City experienced twenty-five (25) spills from within its sanitary sewer collection system. During the 5-year period extending from January 1, 2019 to December 31, 2023, the City reported zero (0) spills.

The City plans on improving their spill reporting procedures to make sure that all spills are properly reported.

6.2 Known Collection System Problems

The City is currently unaware of any specific issues with the collection system, aside from the evident aging infrastructure. However, plans are in place to review CCTV data to identify any other potential problems within the system.

6.3 Causes of Sewer Backups

The following are currently known causes for sewer backups within the City's system:

1. Fats, Oils, Grease – The City has identified grease from businesses as being one of the main reasons for sewer spills.

6.4 Preventative Maintenance

Refer to Section 4.2 for the City's preventative maintenance program.

6.5 Spill Detection

Detection of a sanitary sewer spill may occur in numerous ways:

1. If an outside party calls in to report a spill, the City telephone operator at the City Hall/Public Works Department immediately informs the streets and utilities maintenance supervisor.
    a. If this occurs after hours, the caller is directed to the Police Department who will notify the sewer lead or on-call personnel.
2. If the sewer personnel discover a spill while conducting field observation rounds, then the sewer personnel immediately call the streets and utilities maintenance supervisor to relay the necessary information regarding the nature of the event.

Section 2.4 of this SSMP details the chain of communication for reporting spills and contact numbers for these points of contact, including outside resources.

Pre-planned coordination and collaboration with the City's stormwater staff will be implemented prior, during, and after a spill event.

6.6 Initial Spill Response

6.6.1 Containment Procedures

Containment of the spill is the top priority. The method of containment depends on the spill category. Note that for any Category 1 sewage spill in which an estimated 50,000 gallons or greater are discharged into a surface water the City must also implement its Spill Monitoring Plan, which is included in **Appendix E** of this SSMP Update.

The City's crew will attempt to keep the spill in as small an area as possible. If reasonable, the crew should attempt to keep the spill in the street and out of the storm drain or other surface water bodies. The ensure the spill is contained, the crew will use the following methods:

1. Block the storm drain openings or divert flow with sand or soil. If reasonable, keep the flow contained on the street.

2. Implement traffic control measures as needed.

3. Should the overflow take place in an area not normally accessible to the public (i.e. field, etc.) the crew will use any reasonable means to pool the flow in that area for recovery.

4. Should the flow be too much to be contained in the street and is identified as a danger to the public the crew will allow the flow to enter the storm drain or catch basin. The crew will make every reasonable attempt to dam up the spill in the storm drain or catch basin and recover it from that point.

6.6.2 Sewer Bypassing

If the spill involves damage to a pipeline and a by-pass is necessary:

1. By-pass action is to be administered, as soon as conditions safely allow, by City personnel at the location where the damaged pipeline occurs.

2. Place appropriate pumps and hoses to keep sewage in the sewerline. If additional pumps and piping or hoses are required to conduct a by-pass, National Plant Services provides the additional equipment.

3. Perform repairs to the damaged sewerline as soon as conditions safely allow and as resources are available.

4. If engineering consultation is necessary, the City calls their current design engineering firm on contract, which is currently NV5.

6.7 Recovery and Clean-Up (Mitigation)

1. If the spill occurs during dry weather conditions:

    a. First, secure the spill site by eliminating the overflow.

    b. Implement traffic control measures as needed. Should you need traffic or crowd control assistance, call police dispatch at (626) 300-0740.

c. Coordinate and collaborate with storm drain department (prior, during, after) spills.

d. Contain sewage on the ground using a manmade berm if applicable. (See Section 6.6.1 for Containment Procedures)

e. Isolate, contain, and/or divert sewage flow from any open channels and storm drain structures using sandbags, inflatable dams, or soil barriers. (See Section 1.7.1 for Containment Procedures)

f. Upon determining and correcting the source and/or cause of the spill, a sample of the sewage may be taken as evidence for possible analysis, and testing.

g. Any remaining standing sewage shall be vacuum pumped and transported to the wastewater treatment plant for disposal.

h. Any contaminated soil shall have free standing sewage or water vacuumed up, lime applied, allowed to dry and then removed (as necessary) by means of heavy equipment and transported to a local landfill for ultimate disposal.

i. Any contaminated structures such as streets, sidewalks, buildings, etc., shall be disinfected by pressure spraying with a 25-ppm sodium hypochlorite (liquid bleach) solution. After providing a contact time of 1 hour, the disinfected structures shall be rinsed with city water, and the wash water vacuumed and disposed of at the City wastewater plant.

    i. BEFORE PRESSURE WASHING CONTAMINATED AREA, ALL CONTAMINATED MATERIALS AND CONTAMINATED SOIL MUST BE REMOVED AND CATCH BASINS MUST BE BLOCKED. VACUUM MUST BE READY TO PICK UP WATER FROM PRESSURE WASHING. No water, sewage or containment materials are to be washed into the storm drain system.

j. Remove sewage from the drainage conveyance system. Locate an access point downstream of the entry point and block it to prevent discharge to surface waters. Use a hydro vac to clean and retrieve sewage from the drainage conveyance system. Coordinate/communicate with drainage conveyance system department for cleaning operations direction.

k. Leave the area as clean as possible picking up rags, papers, etc. Emphasis should be placed on removing all materials that are on or around the contaminated area.

l. Documentation and recording of all pertinent information of the spill shall be completed prior to leaving the site.

2. If the spill occurs during wet weather conditions:

    a. First, secure the spill site by eliminating the overflow.

    b. Implement traffic control measures as needed. Should you need traffic or crowd control assistance, call police dispatch at (626) 300-0740.

    c. Coordinate and collaborate with storm drain department (prior, during, after) spills.

d. Contain sewage on the ground using a manmade berm if applicable. (See Section 6.6.1 for Containment Procedures)

e. Isolate, contain, and/or divert sewage flow from any open channels and storm drain structures using sandbags, inflatable dams, or soil barriers. (See Section 1.7.1 for Containment Procedures)

f. Upon determining and correcting the source and/or cause of the spill, a sample of the sewage may be taken as evidence for possible analysis, and testing.

g. Any remaining standing sewage shall be vacuum pumped and transported to the wastewater treatment plant for disposal.

h. Any contaminated soil shall have free standing sewage or water vacuumed up, lime applied, allowed to dry and then removed (as necessary) by means of heavy equipment and transported to a local landfill for ultimate disposal.

i. Any contaminated structures such as streets, sidewalks, buildings, etc., shall be disinfected by pressure spraying with a 25-ppm sodium hypochlorite (liquid bleach) solution. After providing a contact time of 1 hour, the disinfected structures shall be rinsed with city water, and the wash water vacuumed and disposed of at the City wastewater plant.

    i. BEFORE PRESSURE WASHING CONTAMINATED AREA, ALL CONTAMINATED MATERIALS AND CONTAMINATED SOIL MUST BE REMOVED AND CATCH BASINS MUST BE BLOCKED. VACUUM MUST BE READY TO PICK UP WATER FROM PRESSURE WASHING. No water, sewage or containment materials are to be washed into the storm drain system.

j. Remove sewage from the drainage conveyance system. Locate an access point downstream of the entry point and block it to prevent discharge to surface waters. Use a hydro vac to clean and retrieve sewage from the drainage conveyance system. Coordinate/communicate with drainage conveyance system department for cleaning operations direction.

k. Leave the area as clean as possible picking up rags, papers, etc. Emphasis should be placed on removing all materials that are on or around the contaminated area.

l. Documentation and recording of all pertinent information of the spill shall be completed prior to leaving the site.

6.8 Summary of Notification, Reporting, Monitoring, and Recordkeeping Requirements

The following tables provide a summary of notification, monitoring, reporting, and recordkeeping requirements, by spill category, and for City-owned laterals, for quick reference purposes only.

6.8.1 Notification and Reporting Requirements

Table 6.1: Spill Category 1: Spills to Surface Waters

ELEMENT	REQUIREMENT	METHOD
NOTIFICATION	**Within two (2) hours** of the City's knowledge of a Category 1 spill of 1,000 gallons or greater, discharging or threatening to discharge to surface waters: Notify the California Office of Emergency Services and obtain a notification control number. **Within 24 hours**: Notify RWQCB Region 4, LA County Public Health, and Caltrans District 7 (if applicable).	• Call Cal OES at: **(800) 852-7550** • Call or email RWQCB Region 4 at: **(213) 576-6600 or rb4-sswdr@waterboards.ca.gov** • Call LA County Public Health at: **(888) 700-9995** • Call Caltrans District 7 (if applicable) **(213) 897-3656** See **Appendix F.**
REPORTING	• Submit Draft Spill Report **within three (3) business days** of the City's knowledge of the spill; • Submit Certified Spill Report **within 15 calendar days** of the spill end date; • Submit Technical Report **within 45 calendar days** after the spill end date for a Category 1 spill in which **50,000 gallons or greater** discharged to surface waters; and • Submit Amended Spill Report **within 90 calendar days** after the spill end date.	Enter data into the online CIWQS Sanitary Sewer System Database[1] (http://ciwqs.waterboards.ca.gov/), certified by the Legally Responsible Official[2]. See Appendix F, Section F-1.
WATER QUALITY MONITORING	• Conduct spill-specific monitoring; • Conduct water quality sampling of the receiving water within **18 hours** of initial knowledge of spill of 50,000 gallons or greater to surface waters.	Water quality records shall be maintained and uploaded into CIWQS as a part of Reporting requirement above.
RECORD KEEPING	• Spill event records • Total annual spill records • Collection system telemetry records if relied upon to document and/or estimate spill Volume	Self-maintained records shall be available during inspections or upon request. See Section 6.14.1.

[1] In the event that the CIWQS database is not available, the City will notify SWRCB by electronic mail or fax or e-mail all required information to the RWQCB office in accordance with the time schedules identified above. In such an event, the City will submit the appropriate reports using the CIWQS database when it becomes available. A copy of all documents shall be retained in the spill file.

[2] The City always has at least one LRO. Any change in the LRO(s) including deactivation or a change to contact information, will be submitted to the SWRCB within 30 days of the change by calling (866) 792-4977 or emailing help@ciwqs.waterboards.ca.gov

Table 6.2: Spill Category 2: Spills of 1,000 Gallons or Greater That Do Not Discharge to Surface Waters

ELEMENT	REQUIREMENT	METHOD
NOTIFICATION	**Within two (2) hours** of the City's knowledge of a Category 2 spill of 1,000 gallons or greater, discharging or threatening to discharge to waters of the State: Notify California Office of Emergency Services and obtain a notification control number. **Within 24 hours**: Notify RWQCB Region 4, LA County Public Health, and Caltrans District 7 (if applicable).	• Call or email RWQCB Region 4 at: **(213) 576-6600 or rb4-ssswdr@waterboards.ca.gov** • Call LA County Public Health at: **(888) 700-9995** • Call Caltrans District 7 (if applicable) **(213) 897-3656** See https://www.comptoncity.org/ .
REPORTING	• Submit Draft Spill Report within **three (3) business days** of the City's knowledge of the spill; • Submit Certified Spill Report **within 15 calendar days** of the spill end date; and • Submit Amended Spill Report **within 90 calendar days** after the spill end date.	Enter data into the online CIWQS Sanitary Sewer System Database[3] (http://ciwqs.waterboards.ca.gov/), certified by the Legally Responsible Official(s)[4]. See **Appendix G,** Section G-2.
WATER QUALITY MONITORING	• Conduct spill-specific monitoring;	Water quality records shall be maintained and uploaded into CIWQS as a part of Reporting requirement above.
RECORD KEEPING	• Spill event records • Total annual spill records • Collection system telemetry records if relied upon to document and/or estimate spill Volume	Self-maintained records shall be available during inspections or upon request. See Section 6.14.1.

[3] In the event that the CIWQS database is not available, the City will notify SWRCB by phone and will fax or e-mail all required information to the RWQCB office in accordance with the time schedules identified above. In such an event, the City will submit the appropriate reports using the CIWQS database when it becomes available. A copy of all documents shall be retained in the spill file.

[4] The City always has at least one LRO. Any change in the LRO(s) including deactivation or a change to contact information, will be submitted to the SWRCB within 30 days of the change by calling (866) 792-4977 or emailing help@ciwqs.waterboards.ca.gov

Table 6.3: Spill Category 3: Spills of Equal or Greater than 50 Gallons and Less than 1,000 Gallons That Does Not Discharge to Surface Waters

ELEMENT	REQUIREMENT	METHOD
NOTIFICATION	Not Applicable	Not Applicable
REPORTING	• Submit monthly Certified Spill Report to the online CIWQS Sanitary Sewer System Database **within 30 calendars days** after the end of the month in which the spills occur; and • Submit Amended Spill Reports **within 90 calendar days** after the Certified Spill Report due date.	Enter data into the online CIWQS Sanitary Sewer System Database[5] (http://ciwqs.waterboards.ca.gov/), certified by the Legally Responsible Official(s)[6]. See **Appendix G,** Sections G-3 and G-5.
WATER QUALITY MONITORING	• Conduct spill-specific monitoring;	Water quality records shall be maintained and uploaded into CIWQS as a part of Reporting requirement above.
RECORD KEEPING	• Spill event records • Total annual spill records • Collection system telemetry records if relied upon to document and/or estimate spill Volume	Self-maintained records shall be available during inspections or upon request. See Section 6.14.1.

[5] In the event that the CIWQS database is not available, the City will notify SWRCB by phone and will fax or e-mail all required information to the RWQCB office in accordance with the time schedules identified above. In such an event, the City will submit the appropriate reports using the CIWQS database when it becomes available. A copy of all documents shall be retained in the spill file.

[6] The City always has at least one LRO. Any change in the LRO(s) including deactivation or a change to contact information, will be submitted to the SWRCB within 30 days of the change by calling (866) 792-4977 or emailing help@ciwqs.waterboards.ca.gov

Table 6.4: Spill Category 4: Spills Less Than 50 Gallons That Do Not Discharge to Surface Waters

ELEMENT	REQUIREMENT	METHOD
NOTIFICATION	Not Applicable	Not Applicable
REPORTING	• If, during any calendar month, Category 4 spills occur, certify monthly, the estimated total spill volume exiting the sanitary sewer system, and the total number of all Category 4 spills into the online CIWQS Sanitary Sewer System Database, within 30 days after the end of the calendar month in which the spills occurred. • Upload and certify a report, in an acceptable digital format, of all Category 4 spills to the online CIWQS Sanitary Sewer System Database, by February 1st after the end of the calendar year in which the spills occur.	Enter data into the online CIWQS Sanitary Sewer System Database[7] (http://ciwqs.waterboards.ca.gov/), certified by the Legally Responsible Official(s)[8]. See **Appendix G**, Sections G-4, G-6, and G-7.
WATER QUALITY MONITORING	• Conduct spill-specific monitoring;	Water quality records shall be maintained and uploaded into CIWQS as a part of Reporting requirement above.
RECORD KEEPING	• Individual spill event records • Total annual spill records • Collection system telemetry records if relied upon to document and/or estimate spill Volume	Self-maintained records shall be available during inspections or upon request. See Section 6.14.2.

[7] In the event that the CIWQS database is not available, the City will notify SWRCB by phone and will fax or e-mail all required information to the RWQCB office in accordance with the time schedules identified above. In such an event, the City will submit the appropriate reports using the CIWQS database when it becomes available. A copy of all documents shall be retained in the spill file.

[8] The City always has at least one LRO. Any change in the LRO(s) including deactivation or a change to contact information, will be submitted to the SWRCB within 30 days of the change by calling (866) 792-4977 or emailing help@ciwqs.waterboards.ca.gov

Table 6.5: City Owned and/or Operated Lateral Spills That Do Not Discharge to Surface Waters

ELEMENT	REQUIREMENT	METHOD
NOTIFICATION	**Within two (2) hours** of the City's knowledge of a spill of 1,000 gallons or greater, from a City- owned and/or operated lateral, discharging or threatening to discharge to waters of the State: Notify California Office of Emergency Services and obtain a notification control number. **Within 24 hours**: Notify RWQCB Region 4, LA County Public Health, and Caltrans District 7 (if applicable). Not applicable to a spill of less than 1,000 gallons.	• Call Cal OES at: **(800) 852-7550** • Call or email RWQCB Region 4 at: **(213) 576-6600 or rb4-ssswdr@waterboards.ca.gov** • Call LA County Public Health at: **(888) 700-9995** • Call Caltrans District 7 (if applicable) **(213) 897-3656** See **Appendix F**.
REPORTING	• Upload and certify a report, in an acceptable digital format, of all lateral spills (that do not discharge to a surface water) to the online CIWQS Sanitary Sewer System Database, by February 1st after the end of the calendar year in which the spills occur. • Report a lateral spill of any volume that discharges to a surface water as a Category 1 spill.	Enter data into the online CIWQS Sanitary Sewer System Database[9] (http://ciwqs.waterboards.ca.gov/), certified by the Legally Responsible Official(s)[10]. See **Appendix G**, Sections G-6 and G-7.
WATER QUALITY MONITORING	• Conduct visual monitoring.	Water quality records shall be maintained and uploaded into CIWQS as a part of Reporting requirement above.
RECORD KEEPING	• Individual spill event records • Total annual spill records • Collection system telemetry records if relied upon to document and/or estimate spill Volume	Self-maintained records shall be available during inspections or upon request. See Section 6.14.2.

[9] In the event that the CIWQS database is not available, the City will notify SWRCB by phone and will fax or e-mail all required information to the RWQCB office in accordance with the time schedules identified above. In such an event, the City will submit the appropriate reports using the CIWQS database when it becomes available. A copy of all documents shall be retained in the spill file.

[10] The City always has at least one LRO. Any change in the LRO(s) including deactivation or a change to contact information, will be submitted to the SWRCB within 30 days of the change by calling (866) 792-4977 or emailing help@ciwqs.waterboards.ca.gov

6.9 Notification

Appendix F of this SSMP details the notification requirements for reporting spills.

6.10 Reporting

Appendix G of this SSMP details the reporting requirements for spills.

6.11 Monitoring

The City's Spill Monitoring Plan is included in **Appendix E** of this SSMP Update. This Spill Monitoring Plan will be implemented immediately upon discovery of any Category 1 sewage spill in which an estimated 50,000 gallons or greater are discharged into a surface water.

6.12 Spill-Specific Monitoring Requirements

6.12.1 Spill Location and Spread

The City shall visually assess the spill location(s) and spread using photography, global positioning system (GPS), and other best available tools. The City shall document the critical spill locations, including:

- Photography and GPS coordinates for:
    - The system location where spill originated.
    - For multiple appearance points of a single spill event, the points closest to the spill origin.
- Photography for:
    - Drainage conveyance system entry locations,
    - The location(s) of discharge into surface waters, as applicable,
    - Extent of spill spread, and
    - The location(s) of clean up.

6.12.2 Spill Volume Estimation

To assess the approximate spill magnitude and spread, the City shall estimate the total spill volume using updated volume estimation techniques, calculations, and documentation for electronic reporting. The City is currently in the process of identifying a specific spill volume estimation technique, which will be included in the Change Log when identified. The City shall update its notification and reporting of estimated spill volume (which includes spill volume recovered) as further information is gathered during and after a spill event.

6.13 Public Access and Warning

1. Place notification placards at the site for the public to stay out of the area.
2. Mark affected area with caution tape, traffic cones, or other applicable means.
3. Limit public access to affected areas.

6.14 Investigation and Documentation

For each spill, the City is to:

1. Determine the cause of the spill
2. Investigate to determine the cause of the spill.
3. Document findings of the investigation on the spill Incident Report Form.
4. Determine what, if any, necessary repairs are needed.
5. Budget and schedule repairs, if required.
6. Coordinate and collaborate with storm drain agencies after spills.

6.14.1 Recordkeeping Requirements

The City shall maintain records to document compliance with the provisions of the General Order, and previous General Order 2006-0003-DWQ as applicable, for each sanitary sewer system owned, including any required records generated by a City's contractor(s).

6.14.1.1 Recordkeeping Time Period

The City shall maintain records of this Spill Emergency Response Plan for five (5) years.

6.14.1.2 Availability of Documents

The City shall make the records readily available, either electronic or hard copies, for review by Water Board staff during onsite inspections or through an information request.

6.14.1.3 Spill Reports

The City shall maintain records for each of the following spill-related events and activities:

- Spill event complaint, including but not limited to records documenting how the City responded to notifications of spills. Each complaint record must, at a minimum, include the following information:
    a. Date, time, and method of notification,

b. Date and time the complainant first noticed the spill, if available,

c. Narrative description of the complaint, including any information the caller provided regarding whether the spill has reached surface waters or a drainage conveyance system, if available,

d. Complainant's contact information, if available, and

e. Final resolution of the complaint;

- Records documenting the steps and/or remedial action(s) undertaken by the City, using all available information
- Records documenting how estimate(s) of volume(s) and, if applicable, volume(s) of spill recovered were calculated;
- All California Office of Emergency Services notification records, as applicable; and
- Records, in accordance with the Monitoring Requirements in to be developed as indicated in Section 6.11.

6.14.2 Recordkeeping of Category 4 Spills and Non-Category 1 Lateral Spills

The City must maintain the following records for each individual Category 4 spill and for each individual non-Category 1 City-owned and/or operated lateral spill, and report in accordance with Appendix G section G-6 (Annual Certified Spill Reporting of Category 4 and/or Lateral Spills).

6.14.2.1 Recordkeeping of Individual Category 4 Spill Information:

1. Contact information: Name and telephone number of City contact person to respond to spill-specific questions;
2. Spill location name;
3. Description and GPS coordinates for the system location where the spill originated;
4. Did the spill reach a drainage conveyance system? If Yes:
    a. Description of drainage conveyance system location,
    b. Estimated spill volume fully recovered within the drainage conveyance system, and
    c. Estimated spill volume remaining within the drainage conveyance system;
5. Estimated total spill volume exiting the sanitary sewer system;
6. Spill date and start time;
7. Spill cause(s) (for example, root intrusion, grease deposition, etc.);

8. System failure location (for example, main, pump station, etc.);

9. Description of spill response activities including description of immediate spill containment and cleanup efforts;

10. Description of how the volume estimation was calculated, including, at minimum:

    a. The methodology and type of data relied upon, including supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and

    b. The methodology and type of data relied upon to estimate the spill start time, on-going spill rate at time of arrival (if applicable), and the spill end time;

11. Description of implemented system modifications and operating/maintenance modifications.

6.14.2.2 Recordkeeping of Individual Lateral Spill Information:

1. Date and time the City was notified of, or self-discovered, the spill;

2. Location of individual spill;

3. Estimated individual spill volume;

4. Spill cause(s) (for example, root intrusion, grease deposition, etc.); and

5. Description of how the volume estimations were calculated.

6.14.2.3 Total Annual Spill Information:

1. Estimated total annual spill volume;

2. Description of spill corrective actions, including at minimum:

    a. Local regulatory enforcement action taken against the sewer lateral owner in response to a spill, as applicable, and

    b. System operation, maintenance and program modifications implemented to prevent repeated spill occurrences at the same spill location.

6.14.3 Sewer System Telemetry Records

The City shall maintain the following sewer system telemetry records if used to document compliance with the General Order, and previous General Order 2006-0003-DWQ as applicable, including spill volume estimates:

- Supervisory control and data acquisition (SCADA) system(s);

- Alarm system(s);
- Flow monitoring device(s) or other instrument(s) used to estimate sewage flow rates, and/or volumes;
- Computerized maintenance management system records; and
- Asset management-related records.

6.14.4 Sewer System Management Plan Implementation Records

The City shall maintain records documenting the City's implementation of its Sewer System Management Plan, including documents supporting its Sewer System Management Plan audits, corrections, modifications, and updates to the Sewer System Management Plan.

6.14.5 Audit Records

The City shall maintain, at minimum, the following records pertaining to its Sewer System Management Plan audits, which includes this Spill Emergency Response Plan, and other internal audits:

- Completed audit documents and findings;
- Name and contact information of staff and/or consultants that conducted or involved in the audit; and
- Follow-up actions based on audit findings.

6.14.6 Equipment Records

The City shall maintain a log of all owned and leased sewer system cleaning, operational, maintenance, construction, and rehabilitation equipment.

6.14.7 Work Orders

The City shall maintain record of work orders for operations and maintenance projects.

6.15 Post Spill Assessment

After a spill, the City is to assess their spill response. The City is to analyze:

- The cause of the spill;
- Average and maximum response time;
- Percent of total overflow volume contained or returned to sewer;
- Compliance with notification, monitoring, and reporting requirements;
- Public Notification; and

- What repairs were performed.

This assessment is to be used to update the Spill Emergency Response Plan as necessary and to conduct additional training where needed.

6.16 Annual Review

The City is to annually review and assess the effectiveness of the Spill Emergency Response Plan. Updates to the Spill Emergency Response Plan should be made as necessary based on this review.

6.17 Annual Report

Section G-8 of Appendix G of this SSMP details the reporting requirements for the City's Annual Report.

The City shall update their previous year's Annual Report, by April 1 of each year after the Effective Date of the General Order, for each calendar year (January 1 through December 31).

6.18 Spill Response Equipment

Currently, the City relies on National Plant Services to perform spill response with their own equipment. The City has a vactor truck of their own.

6.19 Training

Training is conducted through the City of Compton's Street Maintenance Division. Staff and contractors are trained on the Spill Emergency Response Plan procedures and practice drills. The City is committed to training sewer staff at least once annually and any contractors utilized for cleaning, CCTV inspection and/or emergency response are to be trained twice per year. The City implements training with staff from sewer and storm to know their part in responding to spills and recognizing areas at risk, develop strategies in containing and preventing spills, and reduce risks of cross contamination.

7 Sewer Pipe Blockage Control Program

This chapter discusses the City's sewer pipe blockage control measures, including identification of problem areas, focused cleaning, and source control.

Requirements:

D.7. SEWER PIPE BLOCKAGE CONTROL PROGRAM: The Sewer System Management Plan must include procedures for the evaluation of the Enrollee's service area to determine whether a sewer pipe blockage control program is needed to control fats, oils, grease, rags and debris. If the Enrollee determines that a program is not needed, the Enrollee shall provide justification in its Plan for why a program is not needed. The procedures must include, at minimum:

- An implementation plan and schedule for a public education and outreach program that promotes proper disposal of pipe-blocking substances;
- A plan and schedule for the disposal of pipe-blocking substances generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of substances generated within a sanitary sewer system service area;
- The legal authority to prohibit discharges to the system and identify measures to prevent spills and blockages;
- Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, best management practices requirements, recordkeeping and reporting requirements;
- Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the fats, oils, and grease ordinance;
- An identification of sanitary sewer system sections subject to fats, oils, and grease blockages and establishment of a cleaning schedule for each section; and
- Implementation of source control measures for all sources of fats, oils, and grease reaching the sanitary sewer system for each section identified above.

The City implements a Sewer Pipe Blockage Control Program. This program prevents the discharge of fats, oils, grease, and debris into the sanitary sewer and storm drain systems, subsequently improving public health and safety and reducing sewer maintenance costs.

The City has disposal methods for fats, oils, grease, and debris accumulated within the collection system during cleaning operations. These substances are taken to the maintenance yard dump bins and eventually taken to the County Sanitation Districts of Los Angeles County (LACSD) facilities.

The City monitors private property spills and ensures proper containment and cleanup. If the spill reaches the public right-of-way, it becomes the City's responsibility to contain the spill.

Installation of sewer and storm water facilities are coordinated to prevent unintentional cross connections. To ensure that cross-connections between the City's sanitary sewer and storm drain systems do not occur, the City plans to maintain detailed records of the alignments of both systems and when they were constructed.

No connections to either system are allowed without a permit being first obtained from the City's Public Works Department. Each such permit issued is to contain the following information:

- Line to which the connection was made
- Location of connection on the line
- Depth of the connection at property line
- When the connection was made

All connections to either system are inspected by a City inspector to ensure that all of the above information is accurate and that the connection is made in accordance with established standards. Building Inspectors are responsible for inspecting all on-site connections, while Public Works inspectors are responsible for inspecting all connections within the public rights-of-way.

After approval of the connection inspection, the applicable inspector permanently files the inspection card and permit in the appropriate City file for perpetual maintenance.

All restaurants are required to install grease interceptors. They are required to be designed per the Uniform Plumbing Code; approved, installed, and operated in a manner to control discharges of fats, oils, grease, into the sanitary sewer system; and to ensure public health and safety. The City expects to create maintenance requirements, best management practices requirements, recordkeeping and reporting requirements, and design standards for the installation of grease interceptors for wastewater discharge permit holders.

If there is a FOG-related problem associated with an industrial waste permit, the DPW will take enforcement action against the permitee, or where applicable, refer the problem to the contract city for enforcement action.

The City using the Fire Department to perform annual FOG inspections at food service establishments (FSEs). The Fire Department has one (1) dedicated staff for inspecting and enforcing the fats, oils, and grease ordinance who performs FSE inspections monthly. The City Fire Department's compliance manager works closely with sewer staff. If the sewer staff notices any problems with the system arising from fats, oils, grease, rags, and debris, the compliance manager is notified to determine the source and coordinate with the discharger to create mitigation strategies. The results of these FOG Control Program inspections are included in the City's quarterly reports to the Water Board.

The City plans to improve tracking of sanitary sewer system sections subject to fats, oils, and grease blockages and ensure a regular cleaning schedule for each section.

The City provides information to the general public on proper disposal of fats, oils, grease, and rags. The City plans to formally provide information regularly to restaurants on proper FOG disposal.

The City conducts routine sewer maintenance, visually inspecting worksites for cracked/deteriorating pipes or leaking joints/seals at manholes. The sewer crew utilizes semiannual manhole inspection of all manholes and the scheduled and unscheduled sewer line cleaning and CCTV inspection of the interior of sewer pipes to identify pipe segments experiencing heavy grease accumulation and in mitigating the problem.

Per the Consent Judgement, the City must implement a root control program. The City has not created a program for this. National Plant Services, who the City is contracted with for CCTV inspection and cleaning, does not treat the City's sewer system for roots; however, roots are mechanically removed if they are encountered during cleaning. The

City plans to consider contracting with NPS to track roots in the sewer system, add to the existing hot spot list, and determine the best method to treat roots within the system.

Per the Consent Judgement, the City must complete routine maintenance (including inspections, cleanings, root control, fats, oils, and grease control, and recordkeeping) within 15 days of discovery from CCTV. The CCTV cleaning that NPS, for the City's contractor for CCTV inspection and cleaning, performs is based on scheduled sections as well as hotspot areas. Cleaning has historically not been performed consistently and is based on available budget. While the City has not been consistent in performing routine maintenance or hot spot inspection within 15 days of discovery from CCTV, the City plans to create a formal schedule for routine maintenance and to complete inspections of hot spots every 90 days, within 15 days of discovery. The City also plans to consider specifically identifying measures to prevent spills and blockages, particularly in hotspot areas.

Per the Consent Judgement, the City is submitting quarterly reports to the Regional Board on their Sewer Pipe Blockage Control Program and root control program according to dates in Judgement Section 8.

The City incorporates different methods to communicate to the public the importance of reducing blockages in the sewer system. The City publishes information about proper disposal of fats, oils, and grease; spill prevention measures; installation of backflow valves; house lateral maintenance through their Annual Report, letters, brochures, newsletters newspapers, and individual notices to property owners. The City has a free program available to residential customer to safely dispose of used oil, with information available on their website for requesting a free pickup.

The City plans to adjust the list of items in their resources that should not be disposed down the drain to include wipes, rags, paper towels, and plastics. The City will evaluate additional outreach opportunities such as utility bill inserts, a website section with updates, and social media. The City is considering holding public awareness events and presentations. The City plans to create a schedule for public education and outreach to ensure this is occurring regularly.

The City utilizes personal contacts with home and business owners by field crews and inspectors. The City distributes door hangers in neighborhoods with sewer lines prone to heavy grease problems. These methods have proven to be very effective in relaying information on proper disposal of proper disposal of fats, oils, and grease and spill prevention measures to stakeholders. DPW is continuously seeking additional ways to communicate with the public. The City plans to utilize their home webpage, use of radio and television announcements, and other means for public information in the future. The City is considering communicating to the public that unauthorized stormwater inflow and infiltration are not allowed in sewer or storm drain system.

Section 2 in Chapter 23 (Sewer and Water) of the City Municipal Code provides the legal authority to prohibit discharges to the system and identify measures to prevent spills and blockages. Section 3 also provides the legal authority for site inspections and enforcement of violations of industrial wastewater discharge regulations.

8 System Evaluation, Capacity Assurance, and Capital Improvements

This chapter discusses the City's capacity management measures, including the most recent Master Plan and recommended capacity improvement projects.

Requirements:

D.8. SYSTEM EVALUATION, CAPACITY ASSURANCE AND CAPITAL IMPROVEMENTS: The Plan must include procedures and activities for:

- Routine evaluation and assessment of system conditions;
- Capacity assessment and design criteria;
- Prioritization of corrective actions; and
- A capital improvement plan.

8.1 System Evaluation and Condition Assessment: The Plan must include procedures to:

- Evaluate the sanitary sewer system assets utilizing the best practices and technologies available;
- Identify and justify the amount (percentage) of its system for its condition to be assessed each year;
- Prioritize the condition assessment of system areas that:
    - Hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies;
    - Are located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas;
    - Are within the vicinity of a receiving water with a bacterial-related impairment on the most current Clean Water Act section 303(d) List;
- Assess the system conditions using visual observations, video surveillance and/or other comparable system inspection methods;
- Utilize observations/evidence of system conditions that may contribute to exiting of sewage from the system which can reasonably be expected to discharge into a water of the State;
- Maintain documents and recordkeeping of system evaluation and condition assessment inspections and activities; and
- Identify system assets vulnerable to direct and indirect impacts of climate change, including but not limited to: sea level rise; flooding and/or erosion due to increased storm volumes, frequency, and/or intensity; wildfires; and increased power disruptions.

8.2. Capacity Assessment and Design Criteria: The Plan must include procedures to identify system components that are experiencing or contributing to spills caused by hydraulic deficiency and/or limited capacity, including procedures to identify the appropriate hydraulic capacity of key system elements for:

- Dry-weather peak flow conditions that cause or contributes to spill events;
- The appropriate design storm(s) or wet weather events that causes or contributes to spill events;
- The capacity of key system components; and
- Identify the major sources that contribute to the peak flows associated with sewer spills.

The capacity assessment must consider:

- Data from existing system condition assessments, system inspections, system audits, spill history, and other available information;

- Capacity of flood-prone systems subject to increased infiltration and inflow, under normal local and regional storm conditions;
- Capacity of systems subject to increased infiltration and inflow due to larger and/or higher-intensity storm events as a result of climate change;
- Increases of erosive forces in canyons and streams near underground and aboveground system components due to larger and/or higher-intensity storm events;
- Capacity of major system elements to accommodate dry weather peak flow conditions, and updated design storm and wet weather events; and
- Necessary redundancy in pumping and storage capacities.

8.3. Prioritization of Corrective Action: The findings of the condition assessments and capacity assessments must be used to prioritize corrective actions. Prioritization must consider the severity of the consequences of potential spills.

8.4. Capital Improvement Plan: The capital improvement plan must include the following items:

- Project schedules including completion dates for all portions of the capital improvement program;
- Internal and external project funding sources for each project; and
- Joint coordination between operation and maintenance staff, and engineering staff/consultants during planning, design, and construction of capital improvement projects; and Interagency coordination with other impacted utility agencies.

8.1 System Evaluation and Condition Assessment

The City's last sewer system master plan was performed in 2008. The master plan included a model of the collection system. This model consisted of existing system condition assessment, compilation of the existing system data, creation of a computerized modeling, and recommendations for a 10-year capital improvements program to improve the existing sewer system to operate effectively and to accommodate future growth. The model identified that 5% of piping was deficient and needed upgrading.

In 2016, the City entered into a Consent Judgement with the Regional Board due to failing to comply with the SSSWDR and violation of the California Water Code. The Judgement indicated several requirements for the City to perform to comply with the Board's requirements, such as CCTV inspecting the sewer system within 2 years, performing routine maintenance within 15 days of discovery, repairing pipes scored with NAASCO PACP Conditions of Grades 5 and 4, and submitting regular reports to the Board. Projects related to these items are to be added to a future capital improvement program.

Currently, the City has contracted with National Plant Services (NPS) to CCTV and perform cleaning of the sewer collection system. However, this effort has not been performed consistently. Cleaning and CCTV inspection has been performed based on available budget rather than on a regular schedule. If a problem is identified in the CCTV inspection, this is to be tracked so that it can be scheduled for repair. The City plans to utilize CCTV evaluation to assess their sewer system, identify deficiencies in their system, and identify potential repair and replacement projects (note, this is currently being done as part of the 2024 Sewer Master Plan Update). The City should ensure they are obtaining CCTV inspection reports regular inspection by NPS for the City for annual condition assessment review to identify projects for future CIPs. The City plans to establish a regular CCTV inspection and cleaning program with a goal to CCTV inspect and clean the entire system every five (5) years (or 20% a year).

The City has contracted with Dudek to develop a 2024 sewer system master plan update, and this is currently in development. This master plan will utilize CCTV evaluation to assess the City's sewer system, identify deficiencies in

their system, and identify potential repair and replacement projects. All project requirements and timelines from the Consent Judgement will be taken into consideration and included.

The master plan will also include condition assessment and determining pipe segments to be replaced or rehabilitated. Problem areas identified in the existing CCTV inspection by NPS will also be added to the upcoming master plan so that it can be scheduled for repair. Pipe segments scored with NAASCO PACP Conditions of Grades 5 and 4 which the City have not already repaired will be included. As indicated in the Consent Judgement, pipes scored with NAASCO PACP Conditions of Grade 5, the sewer shall be repaired by 2022 (within 6 years of Judgement) or 1 year of detection. For pipes scored with NAASCO PACP Conditions of Grade 4, the sewer shall be repaired by 2026 (within 10 years of Judgement) or 2 years of detection. If the City cannot meet these schedules for repairs, they must meet and confer with Regional Board to attempt to modify schedule.

The upcoming master plan will identify, evaluate, and prioritize, to the best of its ability given available data, the condition assessment of system areas that: hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies; are located in or within the vicinity of existing or new surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas; are within the vicinity of a receiving water with a bacterial-related impairment on the most current Clean Water Act section 303(d) List. The master plan will also prioritize corrective actions considering the severity and consequences of potential spills.

The City is to establish and maintain an internal system to track the City's scheduled preventive maintenance, repair, cleaning, and CCTV database beginning in 2025. This should be regularly reviewed to ensure maintenance and repairs of the entire system are being performed and tracked by the City and according to deadlines in the Consent Judgement. The City should formally track all requirements in the Consent Judgement to ensure compliance with the Regional Board's ruling.

The City is currently not aware of the existing issues that their system is experiencing, other than aging infrastructure. As more data comes in, the City is committed tracking any other issues in the system, such as manhole corrosion or infiltration & inflow (I/I) and plans to address these issues in a subsequent master plan to determine possible solutions. Additionally, the City will evaluate parts of the sewer system that are more likely to impact public health, waters of the State, and any drainage conveyance system in the event of a system failure.

City staff plans to improve consistency of documenting their cleaning and CCTV inspections in electronic format and perform thorough documentation of all maintenance activities. The City intends to add this information to their GIS database once established. The City plans to document and monitor system deficiencies with recurrent issues based off complaints, field inspections, and CCTV inspection results so these can be added to a future sewer master plan.

The City plans to evaluate system components that are vulnerable to climate change. The City is aware that heavy rains and earthquakes may impact their system. The City will look at storm volumes, frequency, and intensity as a part of this future analysis. The City plans to determine solutions to protect their sewer system from these elements.

The City plans to track implementation of capital improvements. The City identifies that recordkeeping enhancements are needed and plans to electronically track recordkeeping. The City plans to improve internal coordination with operations, maintenance, engineering, and stormwater. The City also plans develop system-specific procedures to proactively prioritize O/M, condition assessments, and repair/rehabilitation.

The City requires for new developments that propose to connect to the City system to provide a sewer area or capacity study prior to connection to the County sewer trunk. This is to ensure these developments do not exceed the City's design criteria listed in the 2024 master plan. Sewer plans for construction must be prepared by registered

civil engineers and submitted to the DPW for plan check. This will reduce the occurrence of spills or system failures in the future due to capacity issues.

8.2 Capacity Assessment and Design Criteria

The City's last sewer system master plan performed in 2008 identified that only 5% of piping was deficient in capacity, including the additional loads due to the forecasted growth, and needed upgrading. However, the 2008 master plan did not perform sewer flow metering and rather used water demand data to load the sewer model, assuming a 100% return rate to the sewer system, which is overly conservative. Therefore, the results of the hydraulic model are not deemed accurate. The 2008 hydraulic model was not made available for the 2024 sewer master plan.

The 2024 sewer system master plan included manhole surveys and development of phase 1 of a hydraulic model that evaluated a portion of the sewer system's ability to convey existing and future peak flows. Flow monitoring was performed in five locations in 2023 and used to calibrate the hydraulic model. The model was used to identify areas with limited capacity and the need for system improvements and rehabilitation based on capacity issues. The 2024 master plan effort also included updating the City's current SSMP to comply with the 2022 WDR. Per Consent Judgement, a flow and capacity study must be done by 2028 (within 12 years of Judgement). This portion of the master plan will satisfy this requirement.

The master plan identified capacity-related improvement projects for the collection system. Dry-weather peak flow conditions that cause or contributes to potential spill events were identified.

Future master plans will augment the City's sewer hydraulic model and further evaluate the City's sewer system to identify any possible capacity limitations and/or potential spill locations due to hydraulic deficiencies.

8.3 Prioritization of Corrective Action

The City contracted with Dudek to develop their 2024 sewer system master plan, which is currently in development. This master plan utilized CCTV inspection data to assess condition of the City's sewer system, identify condition deficiencies in their system, and identify potential repair and replacement projects. All project requirements and timelines from the Consent Judgement will be taken into consideration and included. All prior CIP and master plan projects indicated in Exhibit B of the Consent Judgement and their due dates will be incorporated as part of this recommended CIP.

Problem areas identified in the existing CCTV inspection by NPS were added to the upcoming master plan so that repairs can be scheduled. Pipe segments scored with NAASCO PACP Conditions of Grades 5 and 4 which the City have not already repaired were included. As indicated in the Consent Judgement, pipes scored with NAASCO PACP Conditions of Grade 5, the sewer shall be repaired by 2022 (within 6 years of Judgement) or 1 year of detection. For pipes scored with NAASCO PACP Conditions of Grade 4, the sewer shall be repaired by 2026 (within 10 years of Judgement) or 2 years of detection. If the City cannot meet these schedules for repairs, they must meet and confer with Regional Board to attempt to modify schedule.

In the 2024 sewer system master plan, projects will be prioritized into different categories based on their need for repair and replacement. This priority list will be utilized to determine a schedule for completing these projects.

Per the Consent Judgement, the City is to submit a report on all completed CIP and master plan projects to the Regional Board once complete; submit a report on CCTV data, maintenance, and repairs to the Regional Board once complete; and continue to submit quarterly reports to the Regional Board on projects, CCTV, repairs, and maintenance according to dates in Judgement Section 8. The City will continue to track these items as well as other requirements in the Consent Judgement to ensure compliance with the Regional Board's ruling.

8.4 Capital Improvement Plan

For capital improvements, the City has currently been performing rehabilitation and replacement projects as issues arise. There has not been a consistent and regular plan of CCTV inspections and cleanings that are translated into rehabilitation and replacement.

The City completed two projects from their 2008 sewer master plan. These include the Wilmington/Alondra Area Sewer Restoration, approximately 13,000 LF of pipe, and Compton/Wilmington Area Sewer Replacement, approximately 10,000 LF of pipe. The City is to submit a report on these completed projects to the Board per the Consent Judgement. Per Consent Judgement, the City is to complete all CIP and master plan projects by specific due dates. Some of these due dates have already passed. The City is to submit a report on all completed projects to the Board. The City is also to submit quarterly reports to the Board on projects, CCTV, repairs, and maintenance according to dates in Judgement Section 8.

A capital improvement plan will be developed as part of the 2024 sewer system master plan, which will comply with the Consent Judgement. Once potential projects are identified, these will be prioritized into different categories based on their need for repair and replacement. This priority list will be utilized to determine a schedule for completing these projects. Funding sources will also be identified in the master plan. All projects and due dates from the Consent Judgement will be included. Any coordination necessary between operation and maintenance staff, and engineering staff/consultants during planning, design, and construction of capital improvement projects will be outlined.

9 Monitoring, Measurement and Program Modifications

This section of the SSMP discusses parameters the City tracks to monitor the success of the SSMP and how the City plans to keep the SSMP current.

Requirements:

D.9. MONITORING, MEASUREMENT AND PROGRAM MODIFICATIONS: The Plan must include an Adaptive Management section that addresses Plan-implementation effectiveness and the steps for necessary Plan improvement, including:

- Maintaining relevant information, including audit findings, to establish and prioritize appropriate Plan activities;
- Monitoring the implementation and measuring the effectiveness of each Plan Element;
- Assessing the success of the preventive operation and maintenance activities;
- Updating Plan procedures and activities, as appropriate, based on results of monitoring and performance evaluations; and
- Identifying and illustrating spill trends, including spill frequency, locations and estimated volumes.

In the past, the City has not formally tracked the success of SSMP elements, nor did they have a regular schedule to evaluate whether SSMP elements are current. As issues arose and elements changed, the City tracked certain segments of each element of the SSMP such as organizational changes, system mapping, and standard details and specifications for construction. Currently, the City plans to be proactive about spill prevention and understand how tracking their SSMP elements will improve efficacy of this goal.

The City should formally track all requirements in the Consent Judgement to ensure compliance with the Regional Board's ruling.

The City intends to regularly track whether the SSMP elements are being performed and their effectiveness. The City will develop a database, or similar tool, to maintain specific information related to the SSMP, as a central repository for changes to the SSMP and regularly track the success of SSMP elements, including the preventative maintenance activities noted above. The City will evaluate whether SSMP elements have changed so that changes can be documented in a Change Log to include the specific change, the date of the change and the name of the person making the change. The Change Log is included in **Appendix H**. Procedures and activities will be updated based on these tracking and assessment methods described. The City plans to update plan procedures and activities based on monitoring and performance evaluations. Table 9.1 details a schedule for evaluating the Monitoring, Measurement, and Program Modifications.

Table 9.1: SSMP Update Schedule

Milestones	Frequency	DATES
Evaluate whether SSMP elements have changed	Annually	8/1/2025 and annually thereafter
Track the Success of SSMP Elements	Annually	8/1/2025 and annually thereafter
Assess the Preventative Operation and Maintenance Activities	Annually	8/1/2025 and annually thereafter

The City has a renewed interest to improved tracking and updating their procedures and activities as needed. SSMP Audit findings will also be tracked and used to determine any necessary SSMP modifications. Table 9.2 describes the monitoring parameters for tracking the effectiveness of each Plan Element, which the City will also review during the SSMP Audit, in addition to the schedule depicted in Table 9.1.

Table 9.2: SSMP Monitoring Parameters, by SSMP Element

SSMP Element	Summary of Element Purpose	Parameters for Tracking Effectiveness (Annual)
SSMP Goal and Introduction	Provide a plan and schedule to: (1) properly manage, operate, and maintain all parts of the City's sanitary sewer system(s), (2) reduce and prevent spills, and (3) contain and mitigate spills that do occur.	• City is following SSMP Update Schedule • Periodically review section
Organization	Document LRO(s), organization of City staff, contact information, and chain of communication for spill response.	• Periodically review section
Legal Authority	Ensure the City has sufficient legal authority required to implement the SSMP plans and procedures.	• Periodically review section
Operations and Maintenance Program	Minimize blockages and spills; properly manage, operate, and maintain all parts of the sanitary sewer system; ensure system operators (including employees, contractors, or other agents) are adequately trained	• Percentage of gravity sewer lines cleaned • Percentage of sewer lines inspected by televising • Number of pipe failures • Regular training related to SSMP requirements • Equipment inventory tracked • Periodically review section

SSMP Element	Summary of Element Purpose	Parameters for Tracking Effectiveness (Annual)
Design and Performance Provisions	Maintain updated design and construction standards & specifications for new sewer systems, pump stations, and other appurtenances, and for the rehabilitation and repair of existing sewer systems.	• Periodically review section
Spill Emergency Response Plan	Provide timely and effective response, detection, mitigation, clean up, investigation, and documentation to spill emergencies; and comply with regulatory reporting requirements	• Average and maximum response time • Percent of total spill volume contained or returned to sewer • Compliance with notification, monitoring, and reporting requirements • Staff and contractors are implementing the Spill Emergency Response Plan • Perform regular training on the Spill Emergency Response Plan. • Contain any spills and prevent/minimize discharge to waters of the State or any drainage conveyance system • Minimize and remediate public health impacts and adverse impacts on beneficial uses of waters of the State • Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters • Spill events are documented and reported as required in the General Order • Spill responses and assessed • Conduct annual review of Spill Emergency Response Plan • Periodically review section

SSMP Element	Summary of Element Purpose	Parameters for Tracking Effectiveness (Annual)
Sewer Pipe Blockage Control Plan	Incorporating sewer pipe blockage control measures, including identification of problem areas, focused cleaning, and source control.	• Number of blockages due to FOG, rags, debris, etc. • Number of overflows due to FOG, rags, debris, etc. • Number of FOG producing facilities inspected • Number of enforcement measures at FOG producing facilities • An identification of sanitary sewer system sections subject to fats, oils, and grease blockages and establishment of a cleaning schedule • Implementation of source control measures • Plan and schedule for a public education and outreach program • Periodically review section

SSMP Element	Summary of Element Purpose	Parameters for Tracking Effectiveness (Annual)
System Evaluation, Capacity Assurance, and Capital Improvements	Evaluate procedures and activities for: (1) routine evaluation and assessment of system conditions; (2) capacity assessment and design criteria; (3) prioritization of corrective actions; and (4) a capital improvement plan.	• Number of spills due to capacity limitations or wet weather • Date of completion of most recent sewer master plan, including flow metering and/or hydraulic modeling • 3-year backlog for capacity improvement projects • Utilize CCTV inspection and assessment and tracking system deficiencies • Prioritize projects based on their need for repair and replacement • Evaluate system deficiencies with recurrent issues and how these can be turned into rehabilitation or replacement projects. • Creation of a schedule to complete these projects • Document system evaluation and condition assessment inspections and activities • Determine solutions to address infiltration & inflow (I/I), aging infrastructure, corrosion due to sulfuric acid, and sags in the system due to unstable soil • Determine solutions to protect from heavy rains, earthquakes, and other impacts of climate change • Determine funding sources • Periodically review section

SSMP Element	Summary of Element Purpose	Parameters for Tracking Effectiveness (Annual)
Monitoring, Measurement and Program Modifications	Evaluate effectiveness of SSMP, keep SSMP up-to-date, and identify necessary changes	• Document SSMP information • Follow schedule for reviewing SSMP information • Determine effectiveness of each Plan Element • Assess the success of preventive operation and maintenance activities; • Update Plan procedures and activities based on evaluation • Identify and illustrate spill trends • Periodically review section
Internal Audits	Formally identify SSMP effectiveness, limitations, and necessary changes	• Date of completion of last annual audit • Audits are occurring during original audit cycle • Audit is uploaded to CIWQS within 6 months of due date • Deficiencies found during the audit are addressed and corrected • Periodically review section
Communication Program	Communicate with the public and satellite agencies.	• SSMP is uploaded/updated on City's website & CIWQS • Plan and schedule for a public education and outreach program • Notification program to the public for sewer system management and information on spills and discharges • Periodically review section

The City will use the specific monitoring parameters listed in Table 9.2 and documented on the tracking sheet included in **Appendix I** to assist in completion of the annual SSMP Audit described in Plan Element 10. The City will also continue to collect data for all performance measures currently tracked. This additional information that the City collects, such as customer complaints and length of pipe cleaned, will be used to support or further evaluate the success and limitations of the SSMP as needed.

The City plans to improve tracking of scheduled preventative maintenance, repairs, and cleaning activities and to improve on the consistency of this tracking, including beginning to track system deficiencies with recurrent issues so that this information can be evaluated is determine how this impacts the success of the SSMP. The City tracks the components listed in Table 9.3 to quantitatively determine the effectiveness of preventive operation and maintenance activities. Using this data and comparing it to spill data shown in Table 9.4, the current preventative operation and maintenance activities will be used to assess the City's program in reducing spills. Once the City establishes a regular CCTV inspection and cleaning program, they are confident this will ensure spills are further minimized by reaching their goal to CCTV inspect and clean the entire system every five (5) years (or 20% a year), as well as performing regular and timely rehabilitation and replacement projects to rectify condition- and capacity-deficient pipelines and infrastructure.

Table 9.3: Preventive Operation and Maintenance Activities to Track

DESCRIPTION OF WORK EVENT
Total length of gravity sewer lines cleaned
Percentage of gravity sewer lines cleaned
Total number of manhole inspections
Total length of sewer lines inspected by televising
Percentage of sewer lines inspected by televising

Table 9.4 shows the spill trends for the City. If spills do occur in the future, the City will include data related to spill frequency, locations, and estimated volumes.

Table 9.4: Spill Trends from 2014 to 2023

Year	No. of Spills				
	Category 1	Category 2	Category 3	Category 4[1]	Total Spills
2014	6	0	2	N/A	8
2015	2	0	4	N/A	6
2016	4	0	2	N/A	6
2017	1	0	1	N/A	2
2018	2	1	0	N/A	3
2019	1	0	3	N/A	4
2020	0	0	0	N/A	0
2021	0	0	0	N/A	0
2022	1	0	0	0	1
2023	0	0	0	0	0

Note:

[1] Category 4 spills were introduced as part of the reissued 2022 WDR.

10 Internal Audits

This chapter discusses the City's SSMP auditing program.

Requirements:

D.10. INTERNAL AUDITS: The Plan shall include internal audit procedures, appropriate to the size and performance of the system, for the Enrollee to comply with section 5.4 (Sewer System Management Plan Audits) of the General Order.

The reissued State Water Resources Control Board's Order Number WQ 2022-0103-DWQ requires that an agency conduct an internal audit of its SSMP at least once every three (3) years and include a summary of revisions based on Audit findings. The audit is to evaluate how the City has developed and implemented each of the eleven elements of the SSMP and how each element is functioning to assist in the prevention of sanitary sewer spills. The audit report shall be kept on file at the City offices, certified by the LRO, and uploaded to the online California Integrated Water Quality System (CIWQS) database within 6 months after the end of the 3-year audit period. Any deficiencies found during the audit are addressed and corrected.

The due dates for the City's SSMP and SSMP audits can be found here using the City's WDID (4SSO10378): https://www.waterboards.ca.gov/water_issues/programs/sso/lookup/.

In 2023, the City contracted with Dudek to work closely with the City's staff to review the SSMP, its implementation, and the effectiveness of the City's efforts in reducing spills. Before this, the City had not consistently performed audits of its SSMP.

The City plans to complete audit requirements and due dates corresponding to the original audit cycle. The City's next SSMP audit is to be completed within 6 months of 8/2/2027. During this next audit, the City will review the progress of SSMP elements and their success, areas of improvement in implementing the SSMP and preventing spills, evaluate whether they are tracking monitoring, measurement, and program modifications under Element 9, provide a description of system improvements from the previous year, and provide a description and schedule of system improvements for the upcoming year. Audit findings and recommendations will be incorporated into future SSMP Updates.

Future Audits must: be sized/scaled to system, evaluate implementation and effectiveness of SSMP in preventing spills, identify necessary modifications to SSMP for correcting deficiencies, and include a proposed schedule for correcting deficiencies.

A log of the latest audit recommendations is included in **Appendix J** of this SSMP Update.

11 Communication Program

This section of the SSMP discusses the City's communications with the public.

Requirements:

D.11. COMMUNICATION PROGRAM: The Plan must include the following items as appropriate and applicable to the Enrollee's system:

The Plan must include procedures for the Enrollee to communicate with:

- The public for:
  - Spills and discharges resulting in closures of public areas, or that enter a source of drinking water, and
  - The development, implementation, and update of its Plan, including opportunities for public input to Plan implementation and updates.
- Owners/operators of systems that connect into the Enrollee's system, including satellite systems, for:
  - System operation, maintenance, and capital improvement-related activities.

The City maintains a website (https://www.comptoncity.org) to inform the public about City activities. The City's website is an effective communication channel for providing alerts and news to the public. The main page of the website provides important announcements, agendas and minutes for City Council meetings, Community meetings, and other key information for City residents.

Once approved, the City will maintain its SSMP on the City website (https://www.comptoncity.org). The link to the document on the City's website will include a link for including opportunities for public input on plan implementation and updates. The City currently allows public comment on the SSMP at City council meetings. The SSMP will be certified by the City Council during a public City council meeting.

The City incorporates different methods to communicate to the public the importance of reducing blockages in the sewer system. The City publishes information about proper disposal of fats, oils, and grease and the installation of backflow vales, house lateral maintenance, etc. through their Annual Report, letters, brochures, newsletters, newspapers, and individual notices to property owners. The City has a free program available to residential customer to safely dispose of used oil, with information available on their website for requesting a free pickup.

The City provides information to restaurants and food service establishments (FSEs) regarding proper fats, oils, and grease disposal and education to not dispose of these items down the drain on their website. The City plans to adjust the list of items in their resources that should not be disposed down the drain to include wipes, rags, paper towels, and plastics. The City will evaluate additional outreach opportunities such as utility bill inserts, a website section with updates, and social media. The City is considering holding public awareness events and presentations. The City plans to create a schedule for public education and outreach to ensure this is occurring regularly. The City plans to develop communications procedures with the public and operators connected to the sewer system.

The City dedicates a section of their website for their Project Pollution Prevention (https://www.comptoncity.org/departments/public-works/documents-and-reports). This includes a sewage spill reference brochure, proper disposal of household hazardous waste, along with other informational brochures on handling of different kinds of discharge.

The City will use a section of the website to notify the public of important upcoming activities related to sewer system management in addition to information on spills and discharges requiring closures of public areas or that enter a source of drinking water. The City plans to develop a formal procedure for communicating to the public regarding information on the SSMP.

12 Supporting Documentation

Appendix A

The Reissued WDR: Order Number WQ 2022-0103-DWQ

Appendix B

2016 Consent Judgement

Appendix C

Chapter 23 (Sewer and Water) of the City Municipal Code

Appendix D
Sewer Collection System Map

Appendix E

Sanitary Spill Monitoring Plan

Appendix F
Notification Requirements

NOTIFICATION REQUIREMENTS

F-1 Notification of Spills of 1,000 Galloons or Greater to the California Office of Emergency Services

Per Water Code section 13271, for a spill that discharges in or on any waters of the State, or discharges or is deposited where it is, or probably will be, discharged in or on any waters of the State, the City shall notify the California Office of Emergency Services and obtain a California Office of Emergency Services Control Number as soon as possible but no later than two (2) hours after:

- The City has knowledge of the spill; and
- Notification can be provided without substantially impeding cleanup or other emergency measures.

The notification requirements in this section apply to individual spills of 1,000 gallons or greater, from a City-owned and/or operated laterals, to a water of the State.

The control number must be referred to in all communication, oral and written.

F-2 Spill Notification Information

The City shall provide the following spill information to the California Office of Emergency Services before receiving a Control Number, as applicable:

- Name and phone number of the person notifying the California Office of Emergency Services;
- Estimated spill volume (gallons);
- Estimated spill rate from the system (gallons per minute);
- Estimated discharge rate (gallons per minute) directly into waters of the State or indirectly into a drainage conveyance system;
- Spill incident description:
    - Brief narrative of the spill event, and
    - Spill incident location (address, city, and zip code) and closest cross streets and/or landmarks;
- Name and phone number of contact person on-scene;
- Date and time the City was informed of the spill event;
- Name of sanitary sewer system causing the spill;
- Spill cause or suspected cause (if known);
- Amount of spill contained;

- Name of receiving water body receiving or potentially receiving discharge; and
- Description of water body impact and/ or potential impact to beneficial uses.

F-3 Notification of Spill Report Updates

Following the initial notification to the California Office of Emergency Services and until such time that the City certifies the spill report in the online CIWQS Sanitary Sewer System Database, the City shall provide updates to the California Office of Emergency Services regarding substantial changes to:

- Estimated spill volume (increase or decrease in gallons initially estimated);
- Estimated discharge volume discharged directly into waters of the State or indirectly into a drainage conveyance system (increase or decrease in gallons initially estimated); and
- Additional impact(s) to the receiving water(s) and beneficial uses.

Appendix G
Reporting Requirements

REPORTING REQUIREMENTS

All reporting required in the General Order must be submitted electronically to the online CIWQS Sanitary Sewer System Database (https://ciwqs.waterboards.ca.gov), unless specified otherwise in the General Order. Electronic reporting may solely be conducted by a Legally Responsible Official or Data Submitter(s) previously designated by the Legally Responsible Official, as required in section 5.8 (Designation of Data Submitters) of the General Order.

The City shall report any information that is protected by the Homeland Security Act, by email to SanitarySewer@waterboards.ca.gov, with a brief explanation of the protection provided by the Homeland Security Act for the subject report to be protected from unauthorized disclosure and/or public access, and for official Water Board regulatory purposes only.

G-1 Reporting Requirements for Individual Category 1 Spill Reporting

G-1-1 Draft Spill Report for Category 1 Spills

Within three (3) business days of the City's knowledge of a Category 1 spill, the City shall submit a Draft Spill Report to the online CIWQS Sanitary Sewer System Database.

The Draft Spill Report must, at minimum, include the following items:

1. Contact information: Name and telephone number of City contact person to respond to spill-specific questions;
2. Spill location name;
3. Date and time the City was notified of, or self-discovered, the spill;
4. Operator arrival time;
5. Estimated spill start date and time;
6. Date and time the City notified the California Office of Emergency Services, and the assigned control number;
7. Description, photographs, and GPS coordinates of the system location where the spill originated;
    a. If a single spill event results in multiple appearance points, provide GPS coordinates for the appearance point closest to the failure point and describe each additional appearance point in the spill appearance point explanation field;
8. Estimated total spill volume exiting the system;
9. Description and photographs of the extent of the spill and spill boundaries;
10. Did the spill reach a drainage conveyance system? If Yes:

a. Description of the drainage conveyance system transporting the spill;

b. Photographs of the drainage conveyance system entry location(s);

c. Estimated spill volume fully recovered from the drainage conveyance system;

d. Estimated spill volume remaining within the drainage conveyance system;

11. Description and photographs of all discharge point(s) into the surface water;

12. Estimated spill volume that discharged to surface waters; and

13. Estimated total spill volume recovered.

G-1-2 Certified Spill Report for Category 1 Spills

Within 15 calendar days of the spill end date, the City shall submit a Certified Spill Report for Category 1 spills, to the online CIWQS Sanitary Sewer System Database.

Upon completion of the Certified Spill Report, the online CIWQS Sanitary Sewer System Database will issue a final spill event identification number.

The Certified Spill Report must, at minimum, include the following mandatory information in addition to all information in the Draft Spill Report per section 3.1.1 (Draft Spill Report for Category 1 Spills) above:

1. Description of the spill event destination(s), including GPS coordinates if available, that represent the full spread and reach of the spill;

2. Spill end date and time;

3. Description of how the spill volume estimations were calculated, including at a minimum:

    a. The methodology, assumptions and type of data relied upon, such as supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and

    b. The methodology(ies), assumptions and type of data relied upon for estimations of the spill start time and the spill end time;

4. Spill cause(s) (for example, root intrusion, grease deposition, etc.);

5. System failure location (for example, main, lateral, pump station, etc.);

6. Description of the pipe material, and estimated age of the pipe material, at the failure location;

7. Description of the impact of the spill;

8. Whether or not the spill was associated with a storm event;

9. Description of spill response activities including description of immediate spill containment and cleanup

efforts;

10. Description of spill corrective action, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the spill, and a schedule of major milestones for those steps;

11. Spill response completion date;

12. Detailed narrative of investigation and investigation findings of cause of spill;

13. Reasons for an ongoing investigation (as applicable) and the expected date of completion;

14. Name and type of receiving water body(s);

15. Description of the water body(s), including but not limited to:

    a. Observed impacts on aquatic life,

    b. Public closure, restricted public access, temporary restricted use, and/or posted health warnings due to spill,

    c. Responsible entity for closing/restricting use of water body, and

    d. Number of days closed/restricted as a result of the spill.

16. Whether or not the spill was located within 1,000 feet of a municipal surface water intake; and

17. If water quality samples were collected, identify sample locations and the parameters the water quality samples were analyzed for. If no samples were taken, Not Applicable shall be selected.

G-1-3 Spill Technical Report for Individual Category 1 Spill in which 50,000 Gallons or Greater Discharged into a Surface Water

For any spill in which 50,000 gallons or greater discharged into a surface water, **within 45 calendar days** of the spill end date, the City shall submit a Spill Technical Report to the online CIWQS Sanitary Sewer System Database. The Spill Technical Report, at minimum, must include the following information:

1. Spill causes and circumstances, including at minimum:

    a. Complete and detailed explanation of how and when the spill was discovered;

    b. Photographs illustrating the spill origin, the extent and reach of the spill, drainage conveyance system entrance and exit, receiving water, and post-cleanup site conditions;

    c. Diagram showing the spill failure point, appearance point(s), the spill flow path, and ultimate destinations;

    d. Detailed description of the methodology employed, and available data used to calculate the discharge volume and, if applicable, the recovered spill volume;

    e. Detailed description of the spill cause(s);

f. Description of the pipe material, and estimated age of the pipe material, at the failure location;

g. Description of the impact of the spill;

h. Copy of original field crew records used to document the spill; and

i. Historical maintenance records for the failure location.

2. City's response to the spill:

   a. Chronological narrative description of all actions taken by the City to terminate the spill;

   b. Explanation of how the Sewer System Management Plan Spill Emergency Response Plan was implemented to respond to and mitigate the spill; and

   c. Final corrective action(s) completed and a schedule for planned corrective actions, including:

      i. Local regulatory enforcement action taken against an illicit discharge in response to this spill, as applicable,

      ii. Identifiable system modifications, and operation and maintenance program modifications needed to prevent repeated spill occurrences, and

      iii. Necessary modifications to the Emergency Spill Response Plan to incorporate lessons learned in responding to and mitigating the spill.

3. Water Quality Monitoring, including at minimum:

   a. Description of all water quality sampling activities conducted;

   b. List of pollutant and parameters monitored, sampled and analyzed; as required in Appendix H;

   c. Laboratory results, including laboratory reports;

   d. Detailed location map illustrating all water quality sampling points; and

   e. Other regulatory agencies receiving sample results (if applicable).

4. Evaluation of spill impact(s), including a description of short-term and long-term impact(s) to beneficial uses of the surface water.

G-1-4 Amended Certified Spill Reports for Individual Category 1 Spills

The City shall update or add additional information to a Certified Spill Report **within 90 calendar days** of the spill end date by amending the report or by adding an attachment to the Spill Report in the online CIWQS Sanitary Sewer System Database. The City shall certify the amended report.

After 90 calendar days, the City shall contact the State Water Board at SanitarySewer@waterboards.ca.gov to request to amend a Spill Report. The Legally Responsible Official shall submit justification for why the additional information was not reported within the Amended Spill Report due date.

G-2 Reporting Requirements for Individual Category 2 Spill Reporting

G-2-1 Draft Spill Report for Category 2 Spills

Within three (3) business days of the City's knowledge of a Category 2 spill, the City shall submit a Draft Spill Report to the online CIWQS Sanitary Sewer System Database.

The Draft Spill Report must, at minimum, include the following items:

1. Contact information: Name and telephone number of City contact person to respond to spill-specific questions;
2. Spill location name;
3. Date and time the City was notified of, or self-discovered, the spill;
4. Operator arrival time;
5. Estimated spill start date and time;
6. Date and time the City notified the California Office of Emergency Services, and the assigned control number;
7. Description, photographs, and GPS coordinates of the system location where the spill originated;

   If a single spill event results in multiple appearance points, provide GPS coordinates for the appearance point closest to the failure point and describe each additional appearance point in the spill appearance point explanation field;
8. Estimated total spill volume exiting the system;
9. Description and photographs of the extent of the spill and spill boundaries;
10. Did the spill reach a drainage conveyance system? If Yes:
    a. Description of the drainage conveyance system transporting the spill;
    b. Photographs of the drainage conveyance system entry location(s);
    c. Estimated spill volume fully recovered from the drainage conveyance system;
    d. Estimated spill volume remaining within the drainage conveyance system;
    e. Estimated spill volume discharged to a groundwater infiltration basin or facility, if applicable; and
11. Estimated total spill volume recovered.

G-2-2 Certified Spill Report for Category 2 Spills

Within 15 calendar days of the spill end date, the City shall submit a Certified Spill Report for the Category 2 spill, to the online CIWQS Sanitary Sewer System Database (https://ciwqs.waterboards.ca.gov). Upon completion of the Certified Spill Report, the online CIWQS Sanitary Sewer System Database will issue a final spill event identification number.

The Certified Spill Report must, at minimum, include the following mandatory information in addition to all information in the Draft Spill Report per section 3.2.1 (Draft Spill Report for Category 2 Spills) above:

1. Description of the spill event destination(s), including GPS coordinates if available, that represent the full spread and reach of the spill;
2. Spill end date and time;
3. Description of how the spill volume estimations were calculated, including at a minimum:
    a. The methodology, assumptions and type of data relied upon, such as supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and
    b. The methodology(ies), assumptions and type of data relied upon for estimations of the spill start time and the spill end time;
4. Spill cause(s) (for example, root intrusion, grease deposition, etc.);
5. System failure location (for example, main, pump station, etc.);
6. Description of the pipe/infrastructure material, and estimated age of the pipe material, at the failure location;
7. Description of the impact of the spill;
8. Whether or not the spill was associated with a storm event;
9. Description of spill response activities including description of immediate spill containment and cleanup efforts;
10. Description of spill corrective action, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the spill, and a schedule of major milestones for those steps;
11. Spill response completion date;
12. Detailed narrative of investigation and investigation findings of cause of spill;
13. Reasons for an ongoing investigation (as applicable) and the expected date of completion; and
14. Whether or not the spill was located within 1,000 feet of a municipal surface water intake.

G-2-3 Amended Certified Spill Reports for Individual Category 2 Spills

The City shall update or add additional information to a Certified Spill Report **within 90 calendar days** of the spill end date by amending the report or by adding an attachment to the Spill Report in the online CIWQS Sanitary Sewer System Database. The City shall certify the amended report.

After 90 calendar days, the City shall contact the State Water Board at SanitarySewer@waterboards.ca.gov to request to amend a Spill Report. The Legally Responsible Official shall submit justification for why the additional information was not reported within the Amended Spill Report due date.

G-3 Monthly Certified Spill Reporting for Category 3 Spills

The City shall report and certify all Category 3 spills to the online CIWQS Sanitary Sewer System Database **within 30 calendar days** after the end of the month in which the spills occurred. (For example, all Category 3 spills occurring in the month of February shall be reported and certified by March 30th). After the Legally Responsible Official certifies the spills, the online CIWQS Sanitary Sewer System Database will issue a spill event identification number for each spill.

The monthly reporting of all Category 3 spills must include the following items for each spill:

1. Contact information: Name and telephone number of City contact person to respond to spill-specific questions;
2. Spill location name;
3. Date and time the City was notified of, or self-discovered, the spill;
4. Operator arrival time;
5. Estimated spill start date and time;
6. Description, photographs, and GPS coordinates where the spill originated:
    a. If a single spill event results in multiple appearance points, provide GPS coordinates for the appearance point closest to the failure point and describe each additional appearance point in the spill appearance point explanation field;
7. Estimated total spill volume exiting the system;
8. Description and photographs of the extent of the spill and spill boundaries;
9. Did the spill reach a drainage conveyance system? If Yes:
    a. Description of the drainage conveyance system transporting the spill;
    b. Photographs of the drainage conveyance system entry locations(s);
    c. Estimated spill volume fully recovered from the drainage conveyance system; and
    d. Estimated spill volume discharged to a groundwater infiltration basis or facility, if applicable.

10. Estimated total spill volume recovered;

11. Description of the spill event destination(s), including GPS coordinates, if available, that represent the full spread and reaches of the spill;

12. Spill end date and time;

13. Description of how the spill volume estimations were calculated, including, at minimum:

    a. The methodology and type of data relied upon, including supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and

    b. The methodology and type of data relied upon to estimate the spill start time, on-going spill rate at time of arrival (if applicable), and the spill end time;

14. Spill cause(s) (for example, root intrusion, grease deposition, etc.);

15. System failure location (for example, main, pump station, etc.);

16. Description of the pipe/infrastructure material, and estimated age of the pipe/infrastructure material, at the failure location;

17. Description of the impact of the spill;

18. Whether or not the spill was associated with a storm event;

19. Description of spill response activities including description of immediate spill containment and cleanup efforts;

20. Description of spill corrective actions, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the spill, and a schedule of the major milestones for those steps; including, at minimum:

    a. Local regulatory enforcement action taken against an illicit discharge in response to this spill, as applicable, and

    b. Identifiable system modifications, and operation and maintenance program modifications needed to prevent repeated spill occurrences at the same spill event location, including:

        i. Adjusted schedule/method of preventive maintenance,

        ii. Planned rehabilitation or replacement of sanitary sewer asset,

        iii. Inspected, repaired asset(s), or replaced defective asset(s),

        iv. Capital improvements,

        v. Documentation verifying immediately implemented system modifications and operating/maintenance modifications,

vi. Description of spill response activities,

vii. Spill response completion date, and

viii. Ongoing investigation efforts, and expected completion date of investigation to determine the full cause of spill;

21. Detailed narrative of investigation and investigation findings of cause of spill.

G-4 Monthly Certified Spill Reporting for Category 4 Spills

The City shall report and certify the estimated total spill volume exiting the sanitary sewer system, and the total number of all Category 4 spills to the online CIWQS Sanitary Sewer System Database, **within 30 calendar days** after the end of the month in which the spills occurred.

G-5 Amended Certified Spill Reports for Category 3 Spills

Within 90 calendar days of the certified Spill Report due date, the City may update or add additional information to a certified Spill Report by amending the report or by adding an attachment to the Spill Report in the online CIWQS Sanitary Sewer System Database. The City shall certify the amended report.

After 90 calendar days, the Legally Responsible Official shall contact the State Water Board at SanitarySewer@waterboards.ca.gov to request to amend a certified Spill Report. The Legally Responsible Official shall submit justification for why the additional information was not reported within the 90-day timeframe for amending the certified Spill Report, as provided above.

G-6 Annual Certified Spill Reporting of Category 4 and/or Lateral Spills

For all Category 4 spills and spills from its owned and/or operated laterals that are caused by a failure or blockage in the lateral and that do not discharge to a surface water, the City shall:

- Maintain records per section 6.14;

  The City shall provide records upon request by State Water Board or Regional Water Board staff.

- Annually upload and certify a report, in an appropriate digital format, of all recordkeeping of spills to the online CIWQS Sanitary Sewer System Database, **by February 1st** after the end of the calendar year in which the spills occurred.

A spill from a City-owned and/or operated lateral that discharges to a surface water is a Category 1 spill; the City shall report all Category 1 spills per section 12.1 of Appendix G.

G-7 Monthly Certification of "No-Spills" or "Category 4 Spills" and/or "Non-Category 1 Lateral Spills"

If either (1) no spills occur during a calendar month or (2) only Category 4, and/or City-owned and/or operated lateral spills (that do not discharge to a surface water) occur during a calendar month, the City shall certify, **within 30 calendar days** after the end of each calendar month, either a "No-Spill" certification statement, or a "Category 4 Spills" and/or "Non-Category 1 Lateral Spills" certification statement, in the online CIWQS Sanitary Sewer System Database, certifying that there were either no spills, or Category 4 and/or Non-Category 1 Lateral Spills that will be reported annually (per section 12.6 of Appendix G) for the designated month.

If a spill starts in one calendar month and ends in a subsequent calendar month, and the City has no further spills of any category, in the subsequent calendar month, the City shall certify "no-spills" for the subsequent calendar month.

If the City has no spills from its systems during a calendar month, but the City voluntarily reported a spill from a private lateral or a private system, the City shall certify "no-spills" for that calendar month.

If the City has spills from its owned and/or operated laterals during a calendar month, the City shall not certify "no spills" for that calendar month.

G-8 Annual Report (Previously termed as Collection System Questionnaire in General Order 2006-0003-DWQ)

The City shall update their previous year's Annual Report, **by April 1 of each year after the Effective Date of the General Order**, for each calendar year (January 1 through December 31).

The Annual Report must be entered directly into the online CIWQS Sanitary Sewer System Database. The City's Legally Responsible Official shall certify the Annual Report as instructed in CIWQS;

The Annual Report must address, and update as applicable, the following items:

- Population served;
- Updated sewer system service area boundary map, if service area boundary has changed from original map submitted per section 5.14 (Electronic Sanitary Sewer System Service Area Boundary Map) of the General Order;
- Number of system operation and maintenance staff:
    - Entry level (less than two years of experience),
    - Journey level (greater than two years of experience),
    - Supervisory level, and
    - Managerial level;
- Number of operation and maintenance staff certified as a certified collection system operator by the California Water Environmental Association (CWEA), with:

  - Corresponding number of certified collection system operator grade levels (Grade I, II, III, IV, and V);

- System information:
  - Miles of system gravity and force mains,
  - Number of upper and lower service laterals connected to system,
  - Estimated number of upper and lower laterals owned and/or operated by the City,
  - Portion of laterals that is City's responsibility,
  - Average age the major components of system infrastructure,
  - Number and age of pump stations, and
  - Estimated total miles of the system pipeline not accessible for maintenance;
- Name and location of the treatment plant(s) receiving sanitary sewer system's waste;
- Name of satellite sewer system tributaries;
- Number of system's gravity sewer above or underground crossings of water bodies throughout system;
- Number of force main (pressurized pipe) above or underground crossings of water bodies throughout system;
- Number of siphons used to convey waste throughout the sewer system;
- Miles of sewer system cleaned;
- Miles of sewer system video inspected, or comparable (i.e., video closed-circuit television or alternative inspection methods);
- System Performance Evaluation as specified in section 5.11 (System Performance Analysis) of the General Order;
- Major spill causes (for example, root intrusion, grease deposition);
- System infrastructure failure points (for example, main, pump station, lateral, etc.);
- Ongoing spill investigations; and
- Actions taken to address system deficiencies.

Appendix H

Sewer System Management Plan Change Log

City of Compton
SSMP Change Log

DATE	SSMP ELEMENT	DESCRIPTION OF CHANGE/REVISION MADE	CHANGE AUTHORIZED BY

DATE	SSMP ELEMENT	DESCRIPTION OF CHANGE/REVISION MADE	CHANGE AUTHORIZED BY

Appendix I

SSMP Monitoring Parameters

City of Compton
SSMP Monitoring Parameters

SSMP Element	Parameters for Tracking Effectiveness (Annual)	Date	Evaluation of plan element implementation and effectiveness	Reviewed by
SSMP Goal and Introduction	• City is following SSMP Update Schedule • Periodically review section			
Organization	• Periodically review section			
Legal Authority	• Periodically review section			
Operations and Maintenance Program	• Percentage of gravity sewer lines cleaned • Percentage of sewer lines inspected by televising • Number of lift station failures • Number of pipe failures • Regular training related to SSMP requirements • Equipment inventory tracked • Periodically review section			
Design and Performance Provisions	• Periodically review section			

SSMP Element	Parameters for Tracking Effectiveness (Annual)	Date	Evaluation of plan element implementation and effectiveness	Reviewed by
Spill Emergency Response Plan	• Average and maximum response time • Percent of total overflow volume contained or returned to sewer • Compliance with notification, monitoring, and reporting requirements • Staff and contractors are implementing the Spill Emergency Response Plan • Perform regular training on the Spill Emergency Response Plan. • Contain any spills and prevent/minimize discharge to waters of the State or any drainage conveyance system • Minimize and remediate public health impacts and adverse impacts on beneficial uses of waters of the State • Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters • Spill events are documented and reported as required in the General Order • Spill responses and assessed • Conduct annual review of Spill Emergency Response Plan • Periodically review section			

SSMP Element	Parameters for Tracking Effectiveness (Annual)	Date	Evaluation of plan element implementation and effectiveness	Reviewed by
Sewer Pipe Blockage Control Plan	• Number of blockages due to FOG, rags, debris, etc. • Number of overflows due to FOG, rags, debris, etc. • Number of FOG producing facilities inspected • Number of enforcement measures at FOG producing facilities • An identification of sanitary sewer system sections subject to fats, oils, and grease blockages and establishment of a cleaning schedule • Implementation of source control measures • Plan and schedule for a public education and outreach program • Periodically review section			

SSMP Element	Parameters for Tracking Effectiveness (Annual)	Date	Evaluation of plan element implementation and effectiveness	Reviewed by
System Evaluation, Capacity Assurance, and Capital Improvements	• Number of spills due to capacity limitations or wet weather • Date of completion of most recent sewer master plan, including flow metering and/or hydraulic modeling • 3-year backlog for capacity improvement projects • Utilize CCTV inspection and assessment and tracking system deficiencies • Prioritize projects based on their need for repair and replacement • Evaluate system deficiencies with recurrent issues and how these can be turned into rehabilitation or replacement projects. • Creation of a schedule to complete these projects • Document system evaluation and condition assessment inspections and activities • Determine solutions to address infiltration & inflow (I/I), aging infrastructure, corrosion due to sulfuric acid, and sags in the system due to unstable soil • Determine solutions to protect from heavy rains, earthquakes, and other impacts of climate change • Determine funding sources • Periodically review section			

SSMP Element	Parameters for Tracking Effectiveness (Annual)	Date	Evaluation of plan element implementation and effectiveness	Reviewed by
Monitoring, Measurement and Program Modifications	• Document SSMP information • Follow schedule for reviewing SSMP information • Determine effectiveness of each Plan Element • Assess the success of preventive operation and maintenance activities; • Update Plan procedures and activities based on evaluation • Identify and illustrate spill trends • Periodically review section			
Internal Audits	• Date of completion of last annual audit • Audits are occurring during original audit cycle • Audit is uploaded to CIWQS within 6 months of due date • Deficiencies found during the audit are addressed and corrected • Periodically review section			
Communication Program	• SSMP is uploaded/updated on City's website & CIWQS • Plan and schedule for a public education and outreach program • Notification program to the public for sewer system management and information on spills and discharges • Periodically review section			

Appendix J

SSMP Audit Recommendation Log

July 15, 2025

TO: **HONORABLE MAYOR AND CITY COUNCIL MEMBERS**

FROM: **BRYAN SPRAGG, DIRECTOR OF RECREATION**

SUBJECT: **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GREENFIELDS OUTDOOR FITNESS INC., TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GREENFIELDS OUTDOOR FITNESS INC., AND ESTABLISH A PURCHASE ORDER FOR THE WILSON PARK OUTDOOR FITNESS EQUIPMENT REPLACEMENT PROJECT FOR THE AMOUNT OF $277,961.44.**

SUMMARY

The resolution authorizes the City Manager to proceed with the Wilson Park Outdoor Fitness Equipment Replacement Project. This involves accepting an estimate of Two Hundred Fifty-Two Thousand Six Hundred Ninety-Two Dollars and Twenty-Two Cents, ($252,692.22) from Greenfields Outdoor Fitness Inc., a reputable contractor specializing in outdoor fitness equipment installation. The City Manager will enter into a construction contract with the company to provide the specified construction services.

In addition to the contract amount, a 10% contingency of Twenty-Five Thousand Two Hundred Sixty-Nine Dollars and Twenty-Two Cents, ($25,269.22) is authorized. This contingency fund is set aside to cover any unforeseen costs or changes during the project, ensuring that the project can be completed without financial interruptions.

Furthermore, the resolution establishes a purchase order for Greenfields Outdoor Fitness Inc., for the total amount of Two Hundred Seventy-Seven Thousand Nine Hundred Sixty-One Dollars and Forty-Four Cents, ($277,961.44). This includes both the contract amount and the contingency amount; providing a comprehensive budget framework for the project's execution.

The City of Compton is a Sourcewell participating agency. As a participating agency with Sourcewell, the City of Compton does not need to complete the bidding process.

BACKGROUND

The City of Compton’s Recreation Department provides resources which meet the needs of the community through highly accessible, enjoyable and varied opportunities for learning and recreation. More specifically, the parks within the City of Compton offer a

source of recreation for the community. Wilson Park, located within the City of Compton, has outdoor fitness equipment. The outdoor fitness equipment requires replacement. In order to replace the equipment, the City of Compton must contract with a professional provider. The City has partnered with Greenfields Outdoor Fitness Inc., a Sourcewell company.

Greenfields Outdoor Fitness Inc. brings over 15 years of experience in creating fun, interactive exercise areas. They are well established, a Sourcewell member, and are a professional representative firm serving cities across the country.

STATEMENT OF ISSUE

The Parks Maintenance Department does not employ personnel with the skills or qualifications to replace the outdoor fitness equipment; thus, staff researched Sourcewell for this project to secure a qualified contractor and selected Greenfields Outdoor Fitness Inc., a Sourcewell company.

Sourcewell is a State of Minnesota local government agency and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to Federal, State/Province, and Municipal Governmental entities, higher education, K-12 education, nonprofit, tribal government, and other public entities located in the United States and Canada.

FISCAL IMPACT

The total cost for the outdoor fitness replacement project during Fiscal Year 2025-2026 is $277,961.44. The funds for these expenditures are available in the following account:

Account Name	Account Number	Amount
Measure A	2688-840-000-4266	$252,692.22
Measure A 10% Contingency	2688-840-000-4266	$25,269.22

As a Measure A qualifying project, the City of Compton will be reimbursed, on a perpetuitous bases, for the expenses related to the replacement of the outdoor fitness equipment at Wilson Park, as claims are filed with the Los Angeles County Regional Park and Open Space District. Measure A funds will also be utilized for any unexpected costs. In anticipation of additional costs, the City has included a 10% contingency of the total contract price.

RECOMMENDATION

Staff recommends the City Council adopt the attached Resolution establishing, and authorizing, the City Manager to enter into a construction contract with Greenfields Outdoor Fitness Inc., and to open a Purchase Order to secure outdoor fitness equipment replacement services for Wilson Park within the City of Compton during the fiscal year 2025-2026.

BRYAN SPRAGG
DIRECTOR OF PARKS & RECREATION

APPROVED FOR FORWARDING:

WILLIE A HOPKINS JR.
CITY MANAGER

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GREENFIELDS OUTDOOR FITNESS INC., TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GREENFIELDS OUTDOOR FITNESS INC., AND ESTABLISH A PURCHASE ORDER FOR THE WILSON PARK OUTDOOR FITNESS EQUIPMENT REPLACEMENT PROJECT FOR THE AMOUNT OF $277,961.44.

WHEREAS, the City of Compton's Recreation Department provides resources which meet the needs of the community through highly accessible, enjoyable and varied opportunities for learning and recreation; and

WHEREAS, more specifically, the parks within the City of Compton offer a source of recreation for the community. Wilson Park, located within the City of Compton, has outdoor fitness equipment. The outdoor fitness equipment requires replacement; and

WHEREAS, to replace the outdoor fitness equipment staff researched Sourcewell for this project to secure a qualified contractor and selected Greenfields Outdoor Fitness Inc., a Sourcewell company; and

WHEREAS, the City of Compton is a Sourcewell participating agency. As a participating agency with Sourcewell, the City of Compton does not need to complete the bidding process; and

WHEREAS, City Council approval is needed to secure outdoor fitness equipment replacement services for Wilson Park, located within the City of Compton; and

WHEREAS, the Department of Recreation is requesting authorization to secure outdoor fitness equipment replacement services in the amount of $252,692.22; and

WHEREAS, the total cost for Fiscal Year 2025-2026 is $277,961.11. The total amount includes the estimate of $252, 692.22, and a 10% contingency of $25,269.22 for any unexpected costs. The funds for these expenditures are available in the following accounts:

Account Name	Account Number	Amount
Measure A	2688-840-000-4266	$252,692.22
Measure A 10% Contingency	2688-840-000-4266	$25,269.22

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. That the City Manager, is hereby authorized, on the advice and approval of the City Attorney, to enter into a construction contract, in the amount of $252,692.22, for outdoor fitness equipment replacement services for Wilson Park, located within the City of Compton, with Greenfields Outdoor Fitness Inc.

SECTION 2. That a ten percent (10%) contingency amount, ($25,269.22) is hereby authorized.

SECTION 3. That the City Manager is authorized to open a Purchase Order with Greenfields Outdoor Fitness Inc. for $277,961.44 to secure outdoor fitness equipment replacement services for Wilson Park, located within the City of Compton.

SECTION 4. The funds for these expenditures are available in the Recreation Department's 2025-2026 fiscal year budget. Specifically, funds are available in the Measure A account number 2688-840-000-4266. As a Measure A qualifying project, the City of Compton will be reimbursed, on a perpetuitous bases, for the expenses related to outdoor fitness equipment replacement services, as claims are filed with the Los Angeles County Regional Park and Open Space District.

SECTION 5. That a copy of this Resolution shall be filed in the offices of the City Clerk, City Attorney, City Manager, City Controller , and the Recreation Department.

SECTION 6. That the Mayor shall sign and the City Clerk shall attest to the adoption of this Resolution.

ADOPTED this _____day of _____, 2025

_____
EMMA SHARIF
MAYOR OF THE CITY OF COMPTON

ATTEST:

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF COMPTON: SS

I, Satra D. Zurita, City Clerk of the City of Compton, hereby certify that the foregoing resolution was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the Clerk at a regular meeting thereof held on the _____day of _____, 2025.

That said Resolution was adopted by the following vote, to wit:

AYES: COUNCILMEMBERS-
NOES: COUNCILMEMBERS-
ABSTAIN: COUNCILMEMBERS-
ABSENT: COUNCILMEMBERS-

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

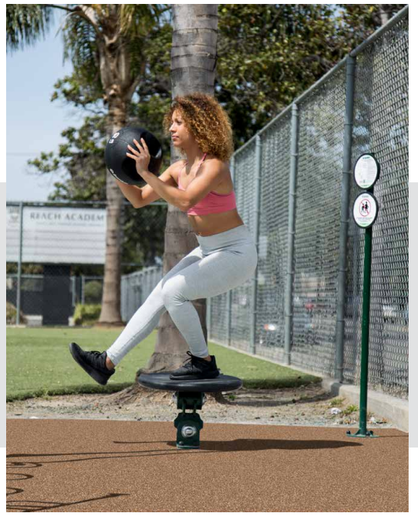
Greenfields Outdoor Fitness®

PROPOSED FITNESS ZONE

Wilson Park 2024

Compton, CA

VERSION1 REV1 2024-10-10



Greenfields Outdoor Fitness

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08	**Unit Selection**
09	**Critical Fall Heights**
10-11	**Project Layout**
12	**Color Proof**
13-20	**Unit Details**
21-22	**Signage**
24-27	**Installation & Maintenance**
28	**Warranty**

INTRODUCING THE GREENFIELDS OUTDOOR FITNESS APP!

see page23 for details

Why Greenfields Outdoor Fitness?

It's never been more important to get everyone in the community exercising! Since 2007, Greenfields Outdoor Fitness has led the way in creating fun, interactive exercise areas available to the public 24/7.

CUSTOMIZE IT!

Need to modify one of our packages to your project's needs? Our design team is ready to help. Looking for custom colors? Just let us know what you need.

FITNESS FOR YOUR COMMUNITY

There's no one-size-fits-all approach to fitness! We specialize in making sure that everyone – from teens to adults to seniors, and even people in wheelchairs – can exercise on equipment that's suited to their needs. By helping people overcome the obstacles in their journey to becoming healthier, Greenfields is improving the quality of life for people across the world.

PEACE OF MIND

Our industry-leading warranty means you should expect no out-of-pocket maintenance costs for at least the first five years. Greenfields' equipment in installed across the U.S. from Alaska to Miami, and even overseas. In case of any issues, our expert support team is just a phone call away.

Greenfields' units are designed to accommodate the majority of users age 14 and above; however, due to the nature of outdoor fitness equipment, units are "one size fits most." This document is for presentation purposes only, not for construction. Before you begin installation, please contact Greenfields at (888) 315-9037 or csc@greenfieldsfitness.com for up to date installation instructions. This presentation has been designed for printing on tabloid (11"x17") sized paper.

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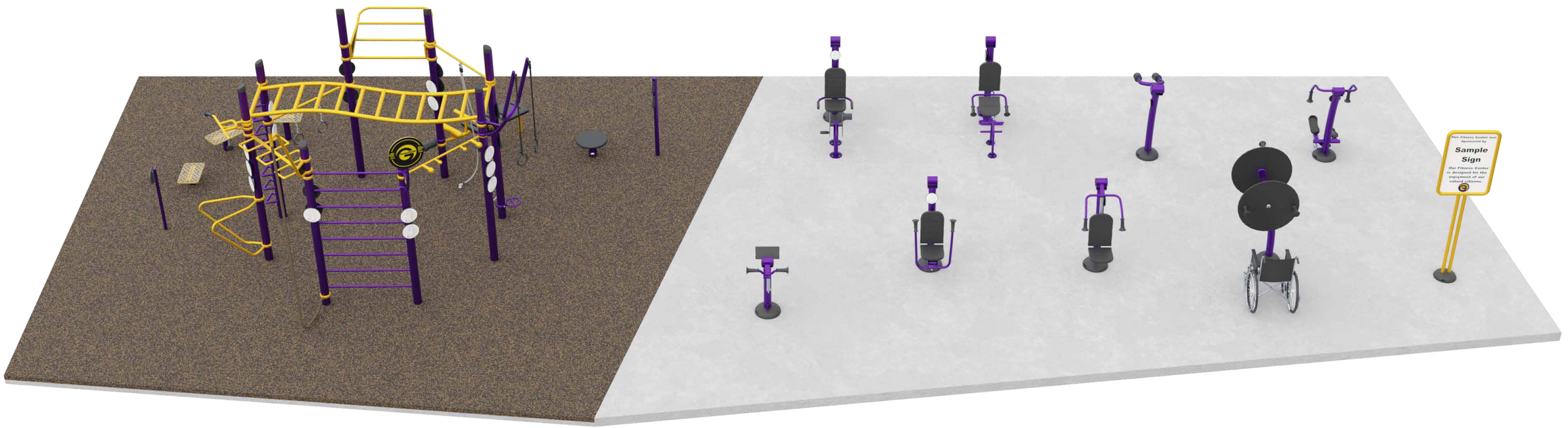

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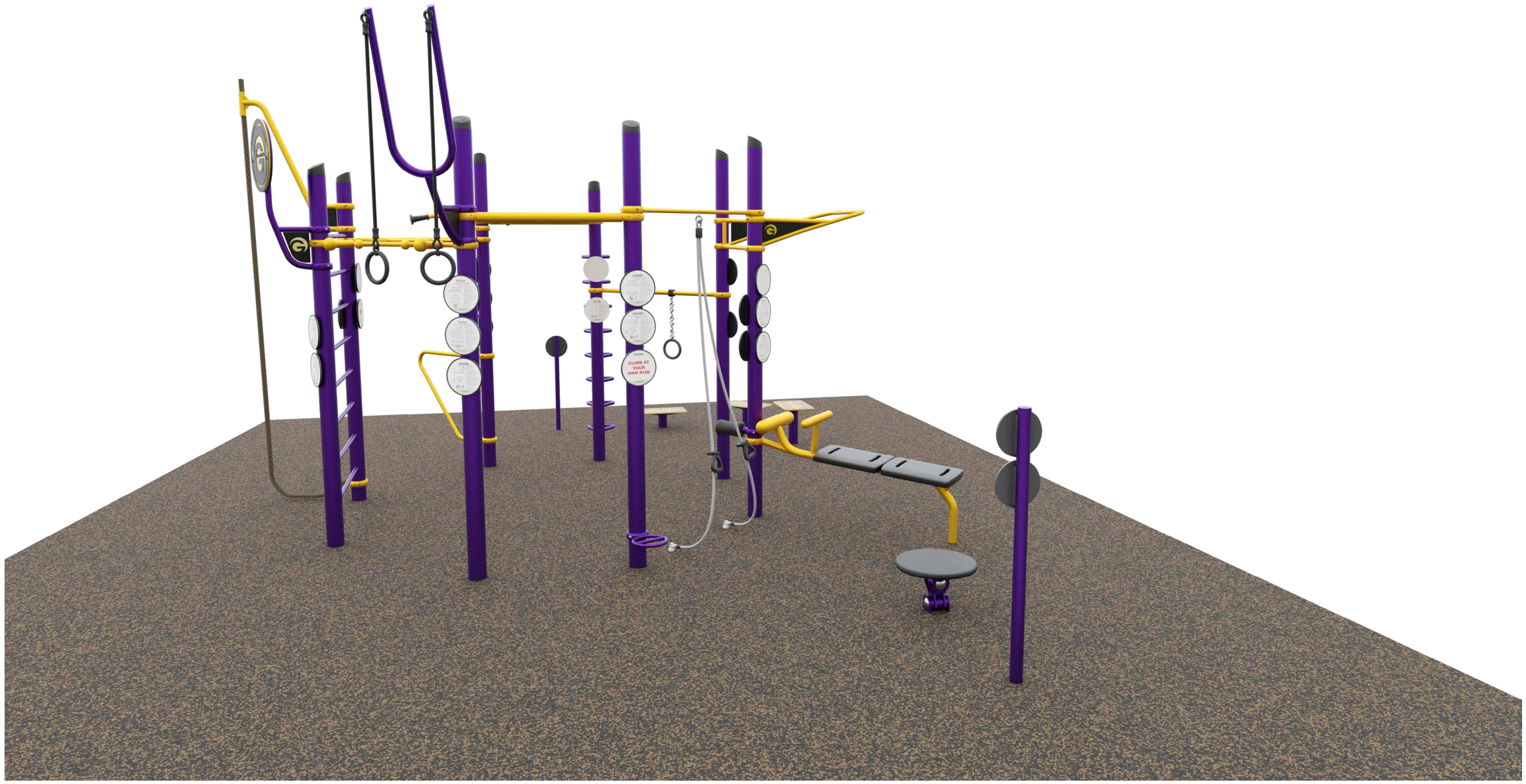

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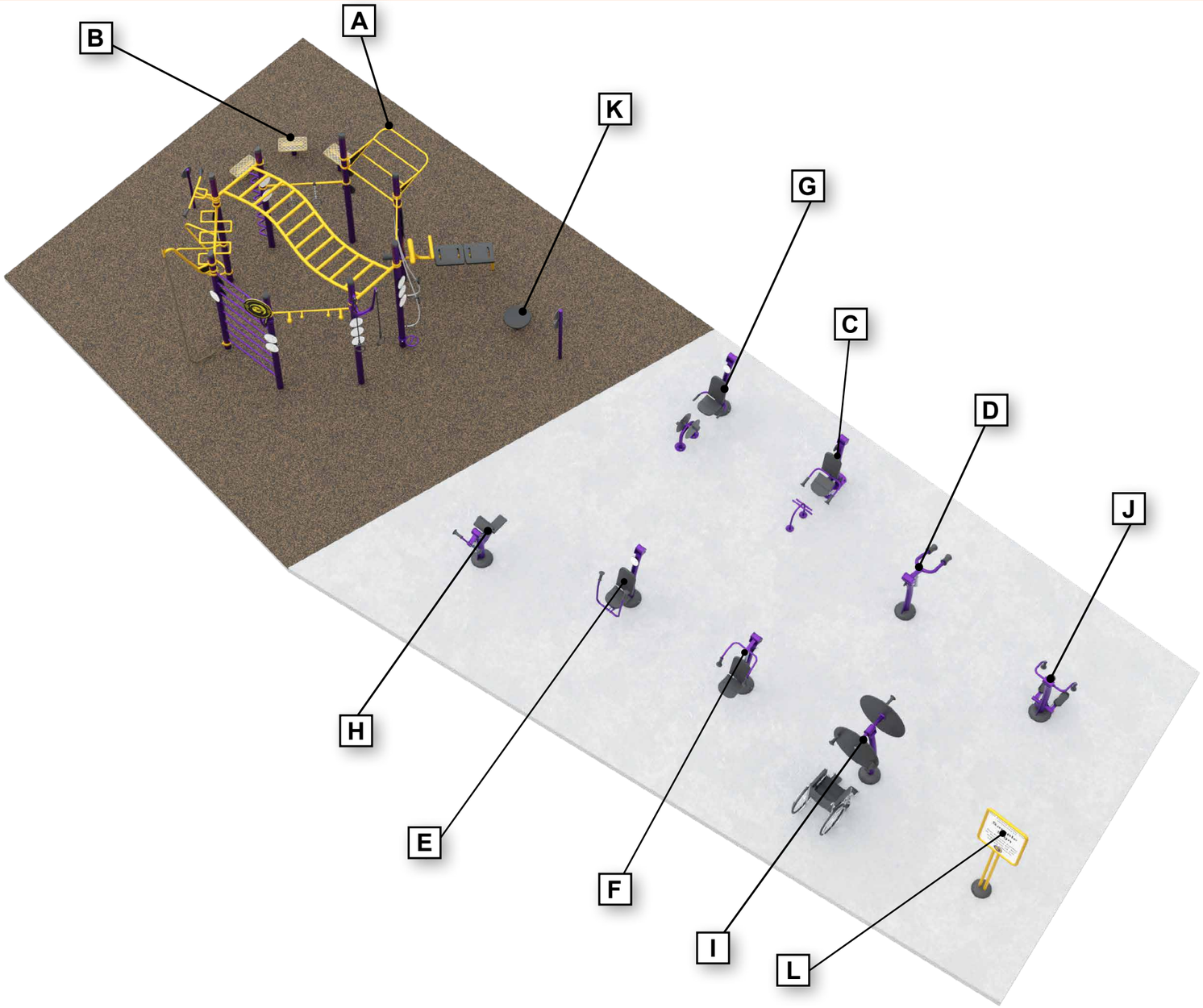

UNITS

A	SHP515	Functional Fitness Rig
B	SHP724	Plyometric Steps (Set of 3)
C	UBX215	Leg Press (adjustable resistance)
D	UBX217	Squat (adjustable resistance)
E	UBX246	Chest Press (adjustable resistance)
F	UBX247	Vertical Press (adjustable resistance)
G	UBX249	Recumbent Bike (with resistance)
H	UBX255	Arm Curl (adjustable resistance)
I	UBX286	2-Person Accessible Shoulder Wheel
J	UBX292	Stepper (adjustable resistance)
K	UBX360	Balancing Plate
L	SGR105	Customized Announcement Sign

These 11 units may serve up to 27 people at a time.

In order to honor our commitment to quality and safety, Greenfields Outdoor Fitness reserves the right to make changes and revise the design specifications without notice. The equipment shown in this document is a representation only; exact product ordered and shipped may differ from designs shown. Should there be a discrepancy between items listed or depicted in this document and items listed or depicted in Greenfields' estimates and order confirmations, the information listed in estimates and order confirmations will prevail.

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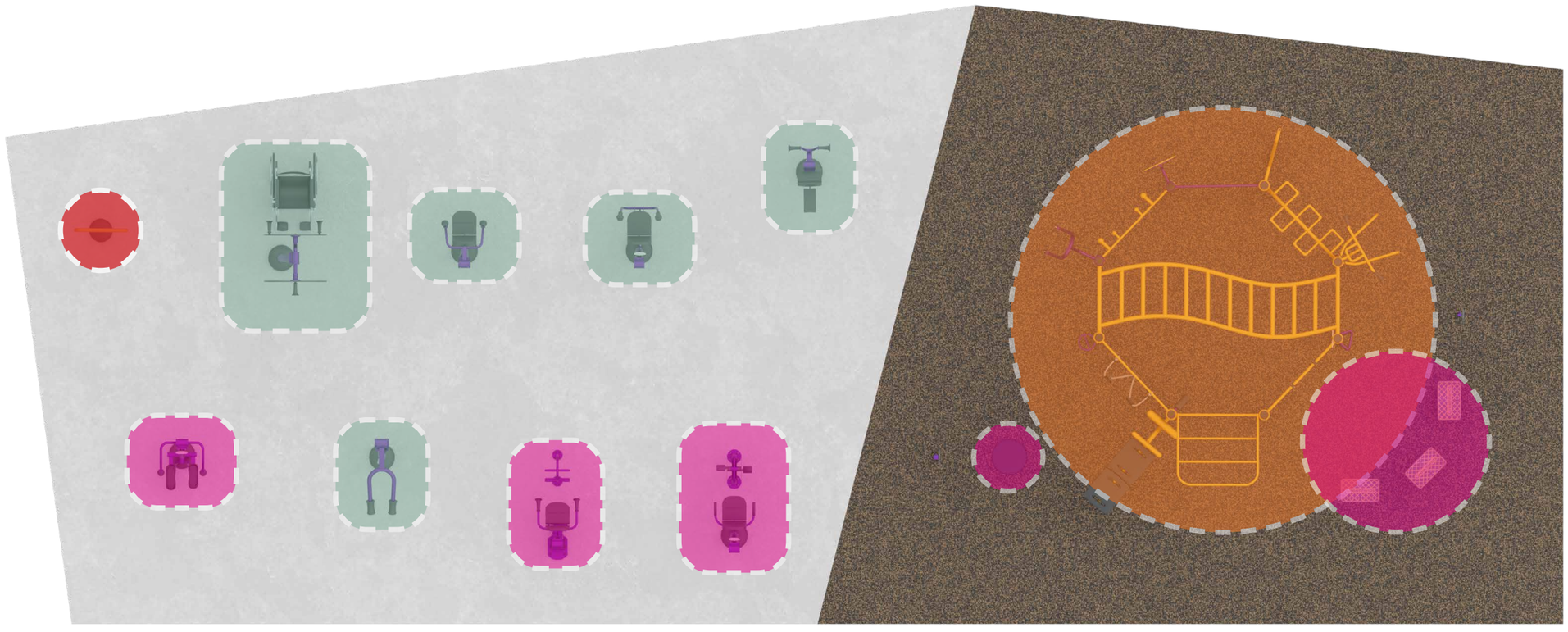

< 24” CFH

96” CFH

N/A

Maximum critical fall height (CFH) is defined as the distance between the designated use surface and the surface beneath it.

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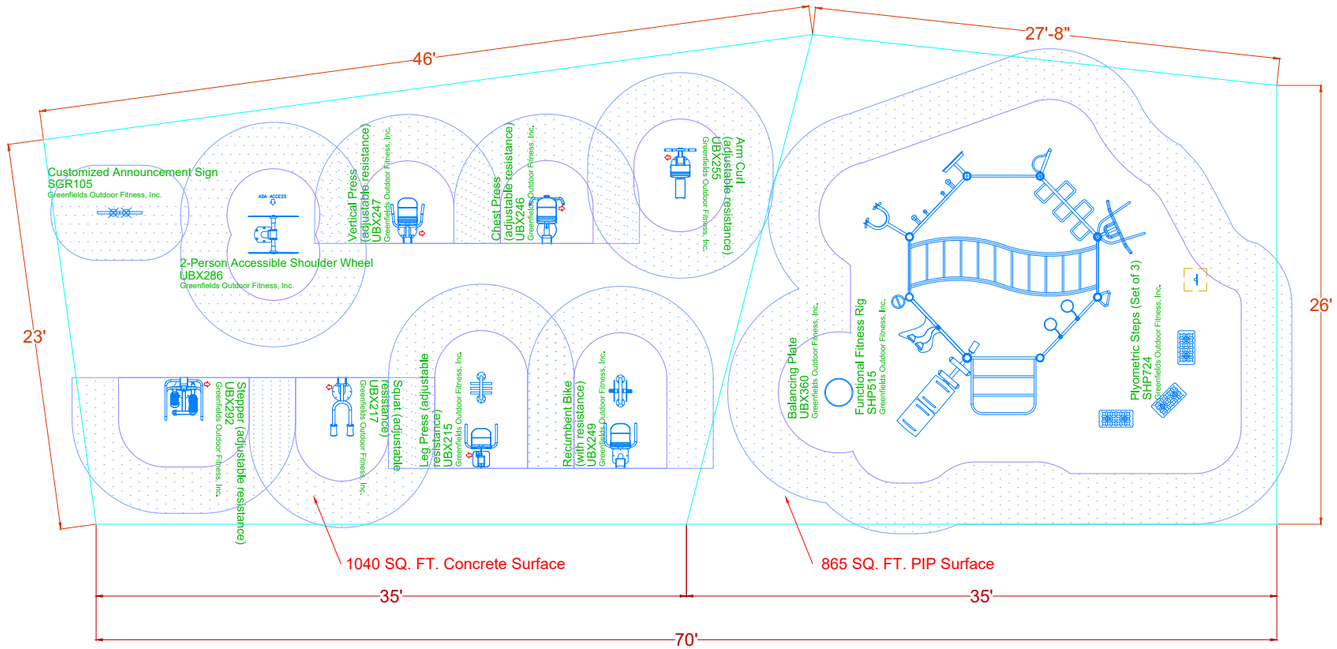

SCALE IN FEET:

0' 5' 10' 20'

Wilson Park

Compton, CA

V. 1 - Rev. 1

THIS OUTDOOR FITNESS EQUIPMENT IS DESIGNED FOR AGES 14 AND UP UNLESS OTHERWISE NOTED ON THE PLAN.

IT IS THE OPINION OF THE MANUFACTURER THAT THIS OUTDOOR FITNESS AREA CONFORMS TO A. D. A. ACCESSIBILITY STANDARDS, ASSUMING AN A. D. A. ACCESSIBLE COMPLIANT SURFACING IS USED.

THIS CONCEPTUAL PLAN WAS CREATED BASED ON THE INFORMATION AVAILABLE TO US. PRIOR TO CONSTRUCTION, DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY, EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, AND UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL THE DIMENSIONS OF THE OUTDOOR FITNESS EQUIPMENT AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING.

FOR THE NEED OF FALL-ATTENUATING SURFACING, PLEASE CONSULT YOUR PROJECT MANAGER.

TOTAL AREA IN SQUARE FEET OF SURFACING IS

DESIGNED BY:
FV

COPYRIGHT: 10/3/2024
GREENFIELDS OUTDOOR FITNESS, INC.
2617 W. WOODLAND DR.
ANAHEIM, CA 92801
PH: 888-315-9037 FAX: 866-308-9719

DATE	DRAWING #	INITIALS

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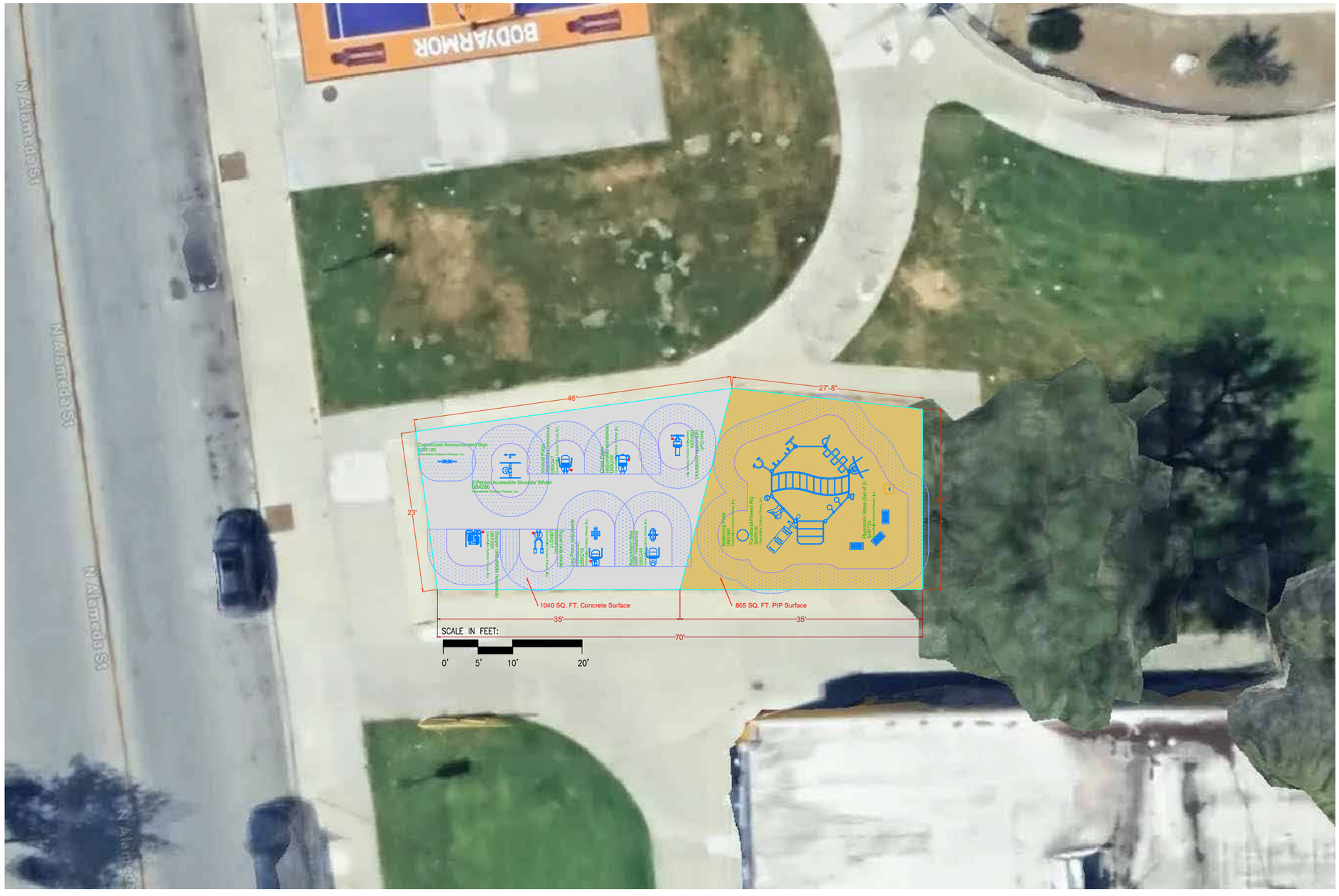

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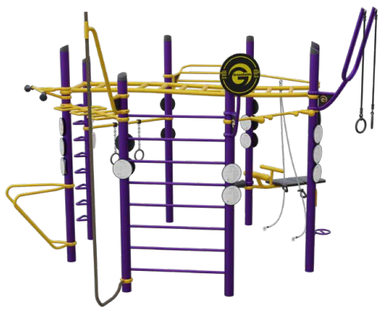
California - Compton - Wilson Park 2024

VERSION1 REV1 - 2024-10-10

GREENFIELDS PROPOSED OUTDOOR FITNESS ZONE



SHP515 - Functional Fitness Rig

SHP724 - Plyometric Steps

UBX215 - Leg Press

UBX217 - Squat

UBX246 - Chest Press

UBX247 - Vertical Press

UBX249 - Vertical Press

UBX255 - Arm Curl

UBX286 - 2-Person Accessible Shoulder Wheel

UBX292 - Stepper

UBX360 - Balancing Plate

SGR105 - Announcement Board

Custom Color

RAL Color Scheme

Name: _____ **Date:** _____

Signature: _____

Purple	Yellow	Black LLDPE, HDPE	Rubber Components, Baseplates, Post caps

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Functional Fitness Rig

SHP515

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Functional Fitness Rig

SHP515

This unit offers the following:

1. Split Squats
2. Incline Ladder
3. Sit-Ups
4. S-Ladder
5. Lat Pull-Ups
6. Ball Target*
7. Stretching Post
8. S-Shaped Pull-Ups
9. Leg Raises
10. Dips
11. Swedish Ladder
12. Cannonball Pull-Ups
13. Ring Rows
14. Battle Ropes*
15. High Rings
16. Suspension Trainers
17. Rope Climb

*This feature requires an optional add-on accessory for use.

A fall-attenuating surface is required for this unit.

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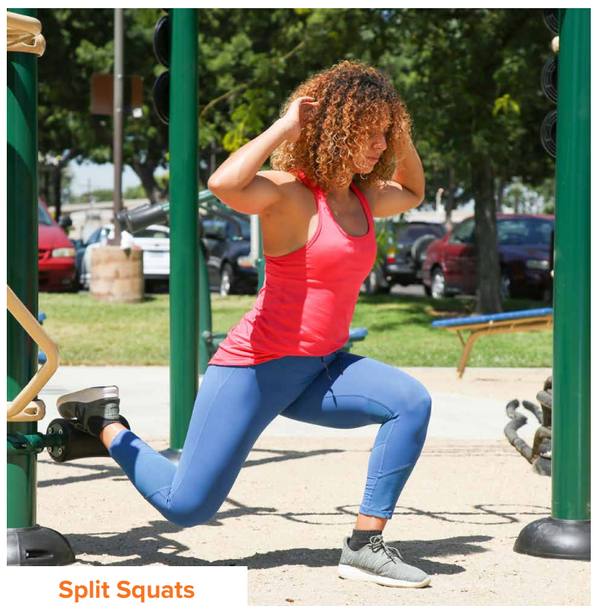
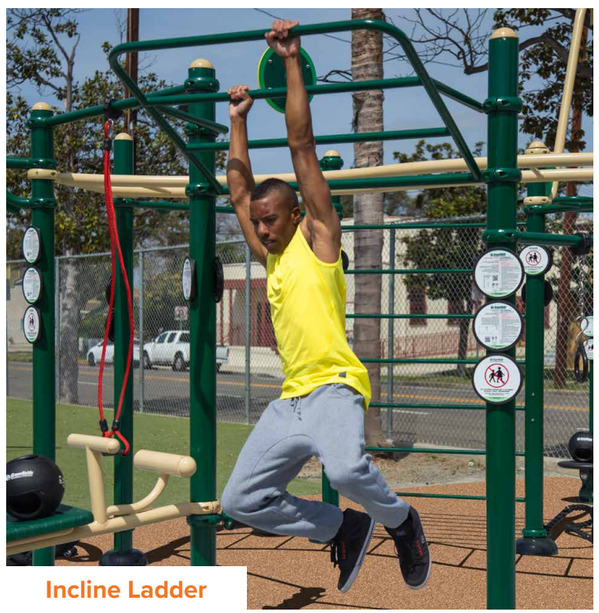
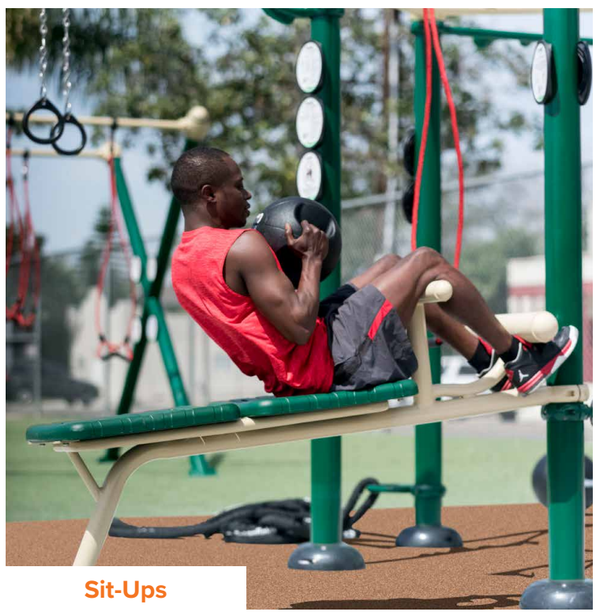


Split Squats

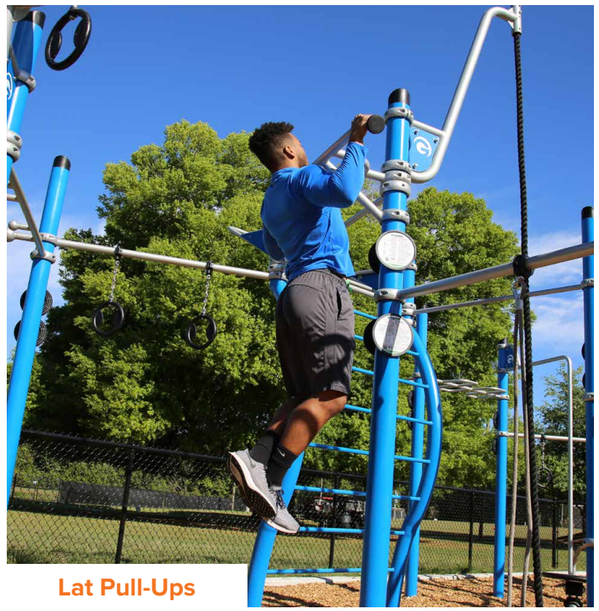


Incline Ladder



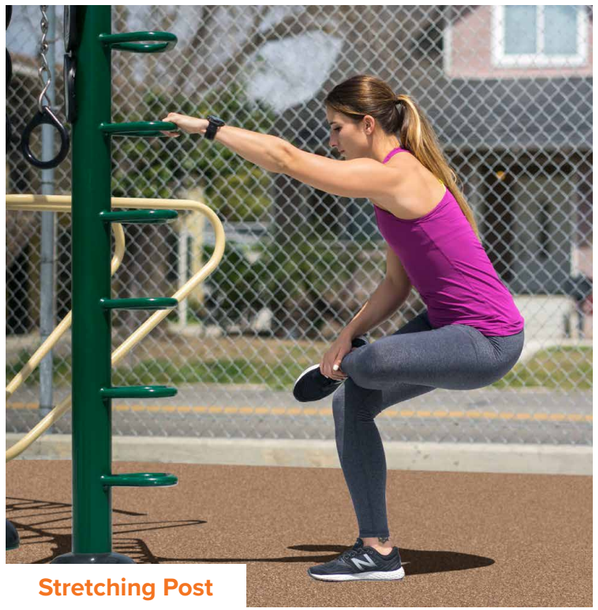
Sit-Ups

S-Ladder

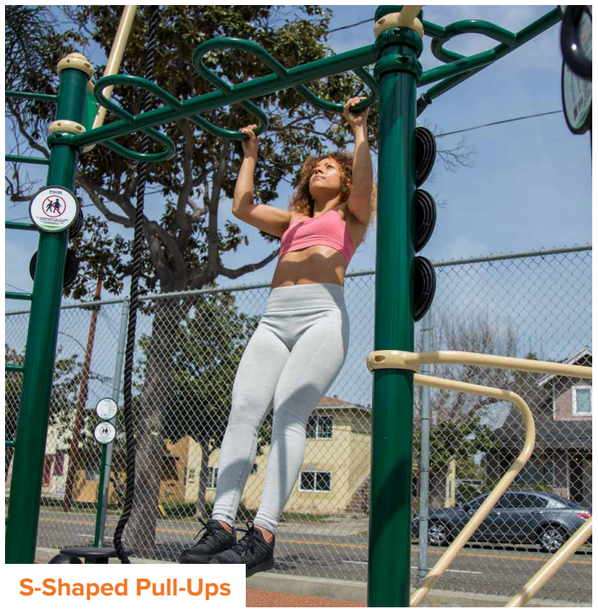


Lat Pull-Ups

Ball Target



Stretching Post



S-Shaped Pull-Ups

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California - Compton - Wilson Park 2024

VERSION1 REV1 - 2024-10-10

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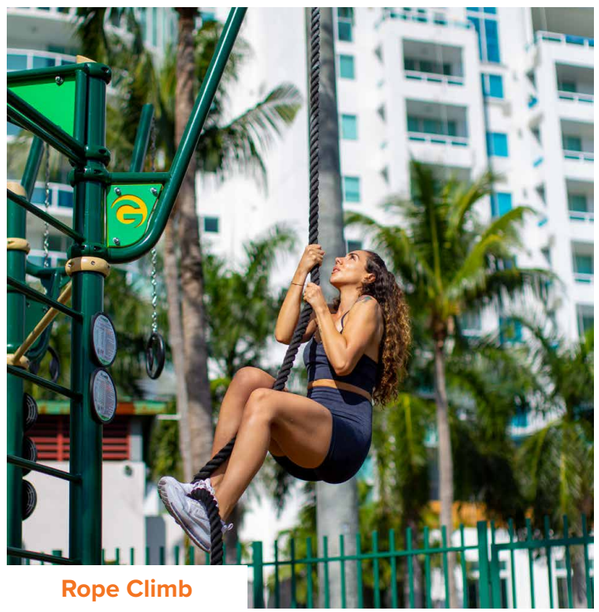
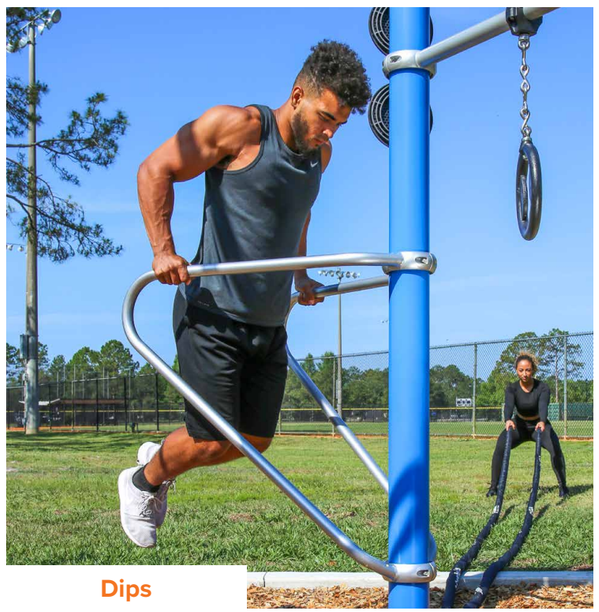


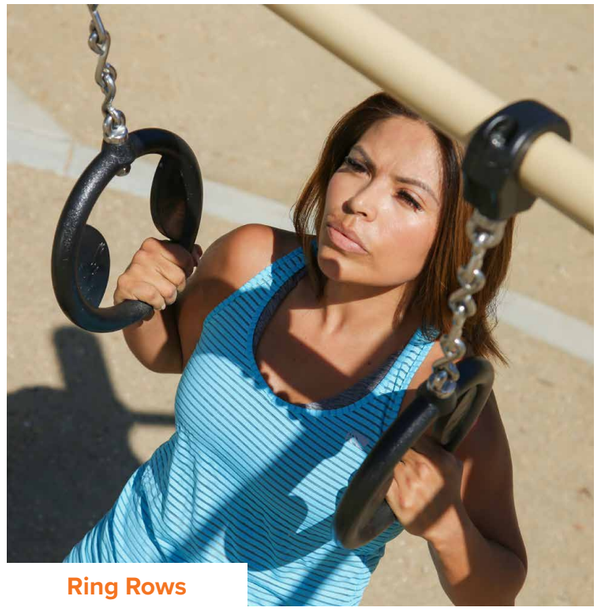
Rope Climb



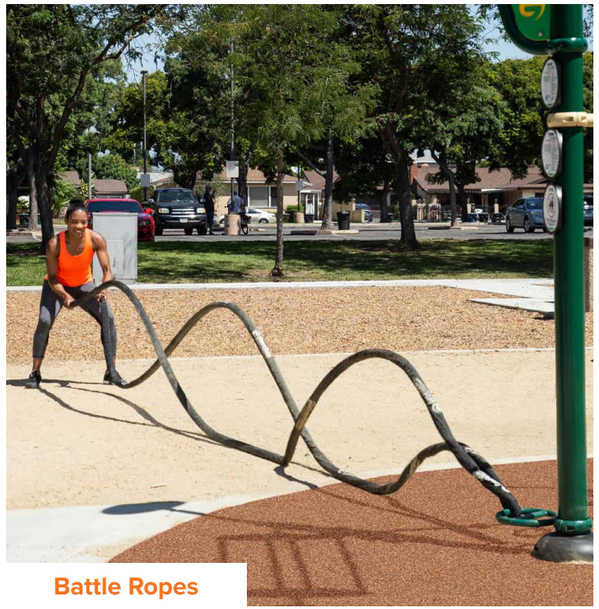
Dips

Swedish Ladder

Cannonball Pull-Ups

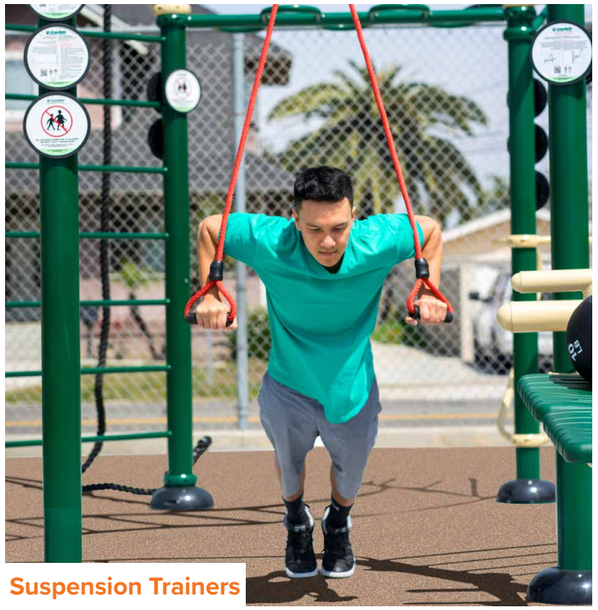


Ring Rows



Battle Ropes

High Rings



Suspension Trainers

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Leg Press (adjustable resistance)
UBX215

Plyometric Steps (Set of 3)
SHP724

Squat (adjustable resistance)
UBX217

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Chest Press (adjustable resistance)
UBX246

Vertical Press (adjustable resistance)
UBX247

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Recumbent Bike (with resistance)
UBX249

Arm Curl (adjustable resistance)
UBX255

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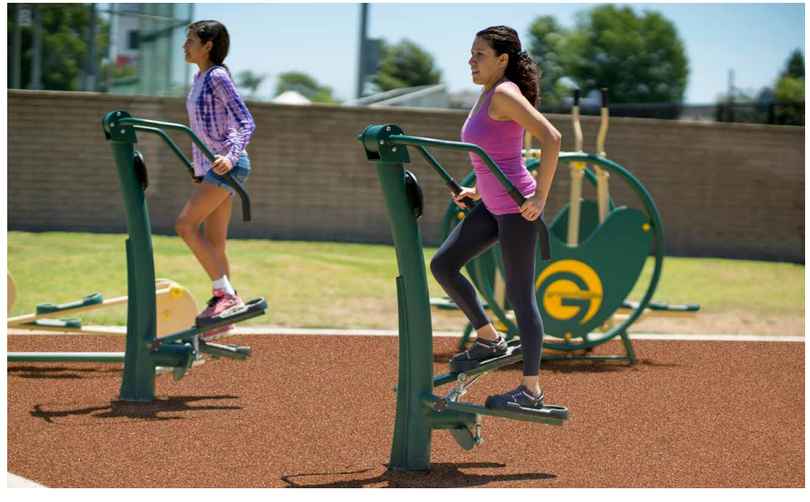
Balancing Plate
UBX360

2-Person Accessible Shoulder Wheel
UBX286



Stepper (adjustable resistance)
UBX292

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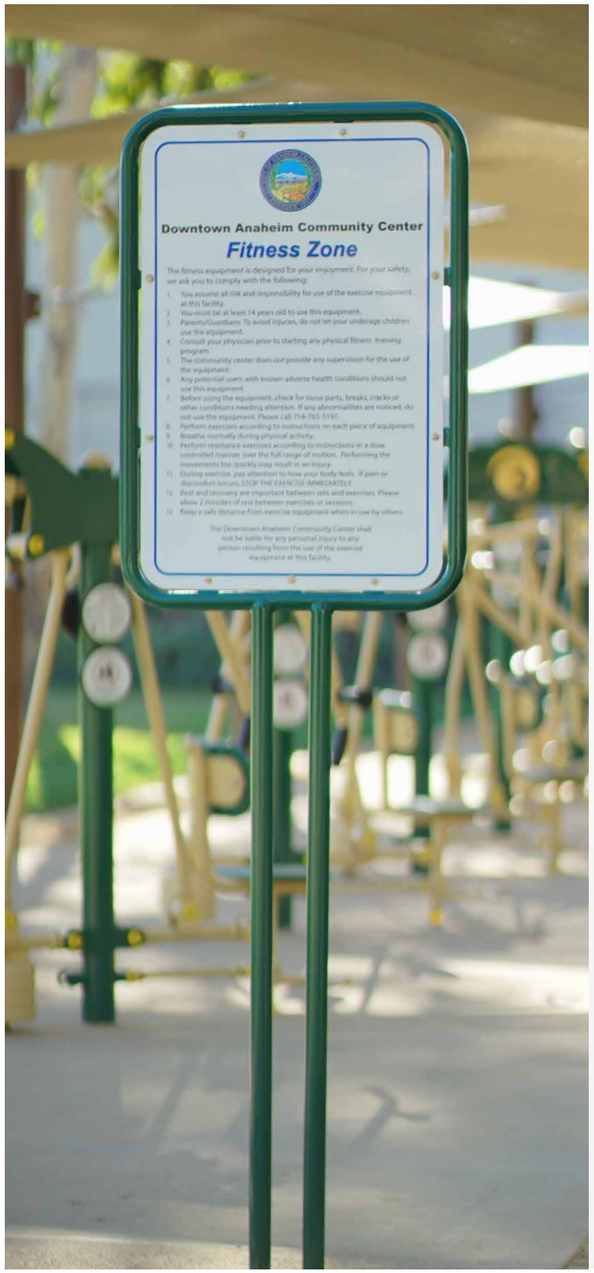


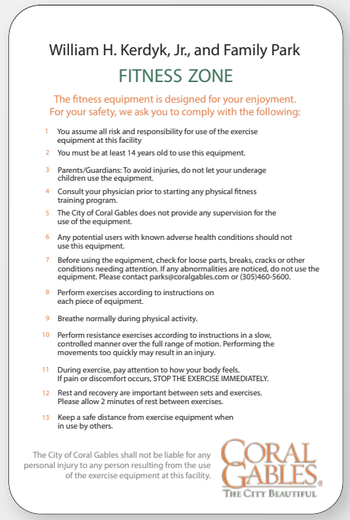
CUSTOMIZED ANNOUNCEMENT BOARD **SGR105**

This announcement board can be used to:

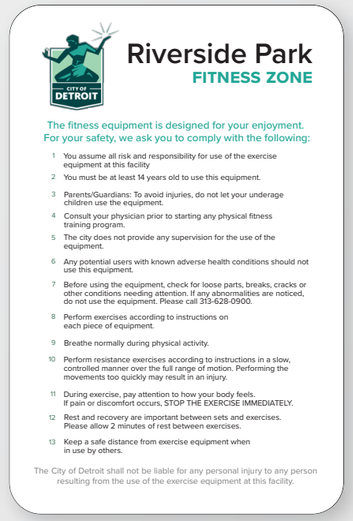
- State safety guidelines
- Acknowledge project donors/sponsors
- Encourage healthy lifestyle choices
- Provide sample workouts

Customization available at no charge (text, logos, etc.)

FRONT



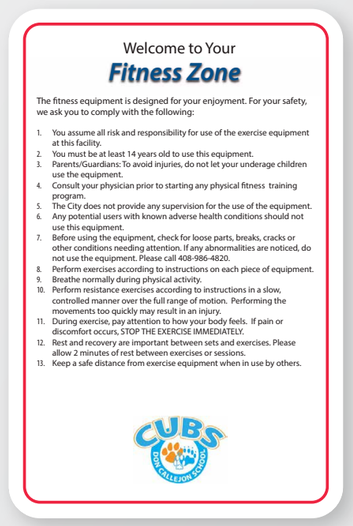
BACK



FRONT

BACK

FRONT



BACK

EXAMPLES OF COMPLETED SIGNS

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UNIT LABELS

Unit labels feature safety guidelines, exercise instructions and more!

ADA Label included on units from Greenfields' Signature Accessible™ line

Greenfields' units are designed to accommodate the majority of users age 14 and above; however, due to the nature of outdoor fitness equipment, units are "one size fits most." This document is for presentation purposes only, not for construction. Before you begin installation, please contact Greenfields at (888) 315-9037 or csc@greenfieldsfitness.com for up to date installation instructions. This presentation has been designed for printing on tabloid (11"x17") sized paper.

THE GREENFIELDS OUTDOOR FITNESS APP

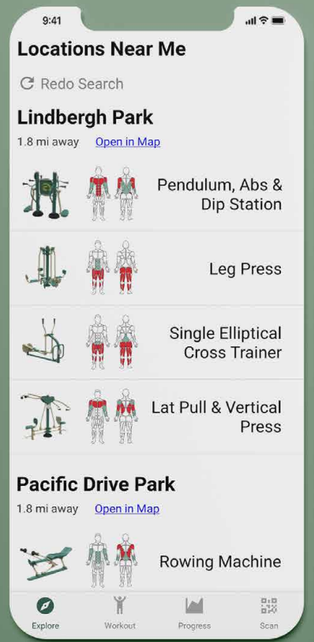
The Greenfields App is the perfect companion to our multigenerational outdoor gyms, giving users the ability to search for gyms near their location, explore exercises available on Greenfields units, create workouts, and log their progress.

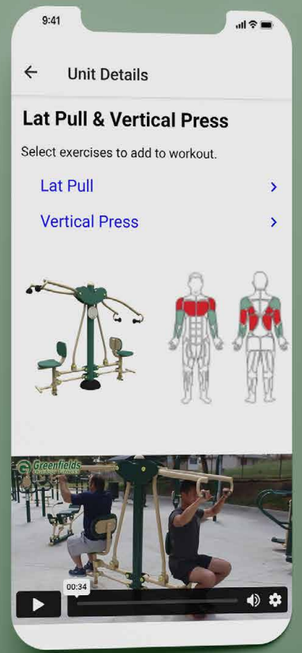
Now available on iOS and Android.

greenfieldsfitness.com/app-download/

EXPLORE

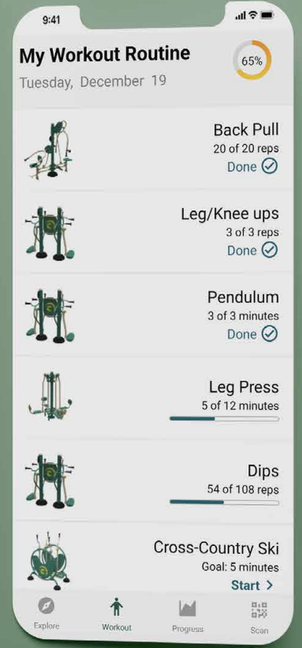
Search for gyms near you.

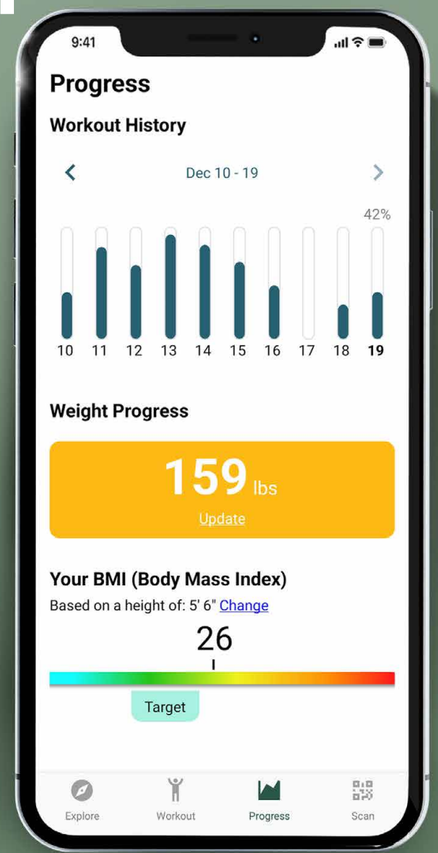




WORKOUT

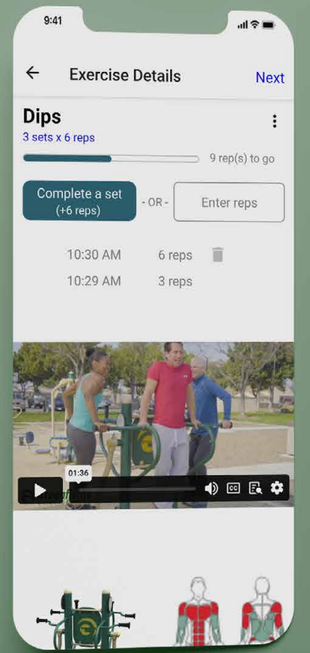
Customize your routine.





SCAN

Quickly find videos & more.



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General Installation Instructions:

Surface Mount

Greenfields Outdoor Fitness.

Questions? Please call 888-315-9037 x105

The following information for contractors, maintenance personnel and supervisory staff will help ensure an accurate, safe and problem-free installation. **UNITS ARE HEAVY** (up to 450 lbs.) When unloading and handling, please exercise extra care to prevent injury or damage to the equipment. For installation, epoxy is not included in shipment and must be provided by installer.

Video Demo: http://www.greenfieldsfitness.com/surface-mount-installation/

Tools Needed:

Concrete pad must be fully cured before anchoring begins.

1. Concrete drill
2. 1/2" carbide tipped drillbit
3. Angle grinder
4. Compressor with blow tip
5. Sledge hammer
6. 3/4" socket
7. Torque wrench

Parts Included:

Wedge Anchors - 4 1/2" x 1/2"

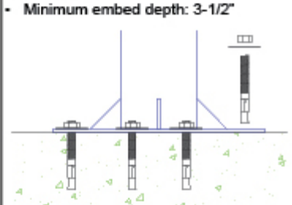
Black Plastic Covers

Black Plastic Caps

Metal Shims

Specifications:

- Concrete: 3250 PSI (minimum)
- Aggregate mix: 1:3 3/8" to 3/4"
- Concrete mix: 1:3:2.5 concrete, aggregate, and sand mix
- #3 rebar with 12" spacing
- When pouring a single pad for multiple units, use concrete thickness 6"
- When pouring standalone pads, concrete thickness minimum 8"
- Bolt Size: 1/2"
- Bolt Length: 4-1/2" (minimum)
- Hardware: Wedge Anchor Stainless Steel
- Minimum embed depth: 3-1/2"



Basic Installation Guidelines:

1. Place unit on concrete pad and mark holes. Mark all holes. Make a mark on the unit and the ground to make sure unit lines up with holes.

2. Drill all holes with concrete drill. Drill to a depth of 5-6" deep.

3. Using compressor or blower, blow out concrete dust from holes.

4. Fill holes with epoxy, making sure not to overfill. (Epoxy is not included in shipment and must be provided by installer).

In order to honor our commitment to quality and safety, Greenfields Outdoor Fitness reserves the right to make changes and revise the design specifications without notice.
LU21x03x24
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General Installation Instructions:

Surface Mount

Greenfields Outdoor Fitness.

Questions? Please call 888-315-9037 x105

The following information for contractors, maintenance personnel and supervisory staff will help ensure an accurate, safe and problem-free installation.

Basic Installation Guidelines (cont'd)

5. Place unit over holes and make sure it lines up with mark.
6. Thread nuts onto anchors just until they are flush with the top of the anchors.
7. Hammer anchors into holes.
8. Install shims to plumb posts.
9. Tighten anchors until snug, and wait 24 hours to tighten to 80-90ft/lbs.
10. Cut off extra bolt length, if any.
11. Follow unit-specific installation instructions for installation of base plate covers and black caps.

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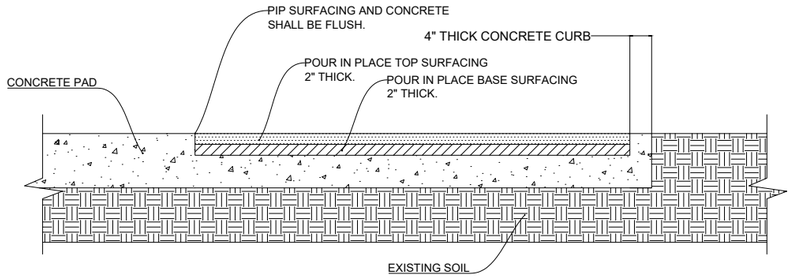
FOR PRESENTATION PURPOSES ONLY.
NOT FOR CONSTRUCTION.



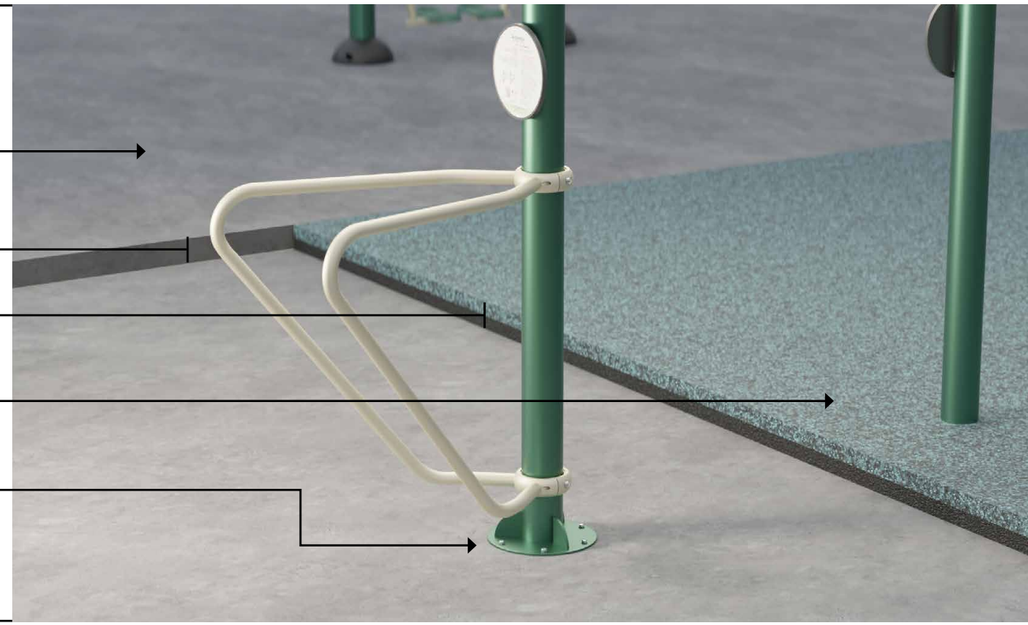
Concrete Pad

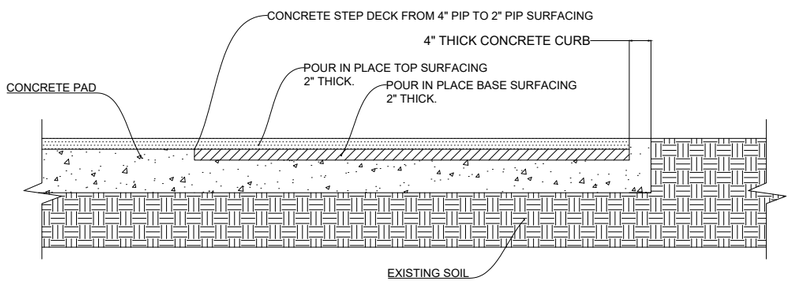
4” Concrete Step

4” PIP Surfacing

PIP Surfacing

Unit to be mounted directly on concrete





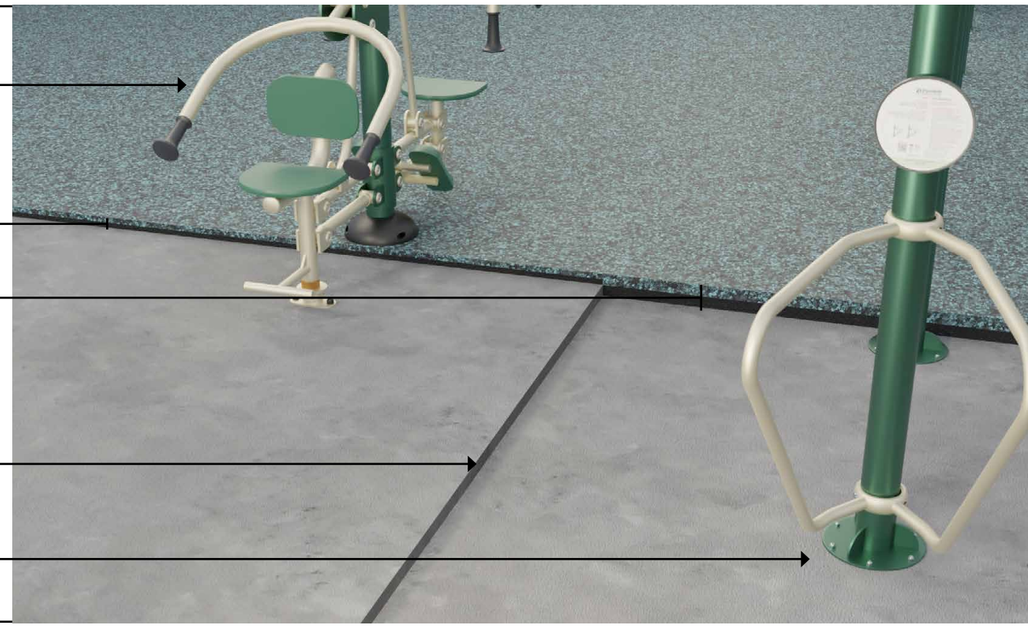
Upper body units to be mounted on no more than 1.75” PIP Surfacing

2” PIP Surfacing

4” PIP Surfacing

2” Concrete Step-Deck

Unit to be mounted directly on concrete



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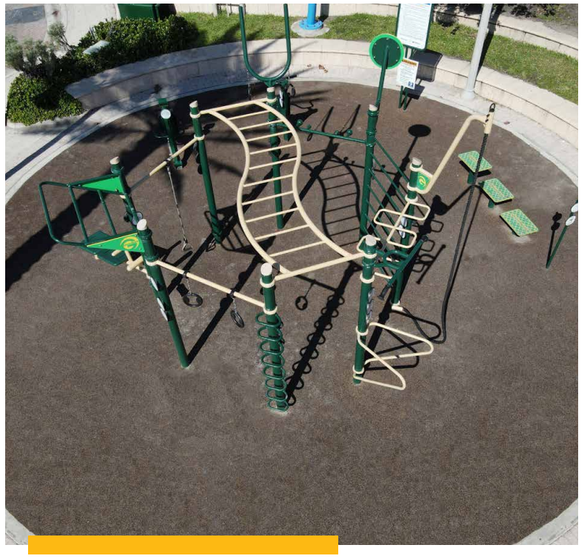
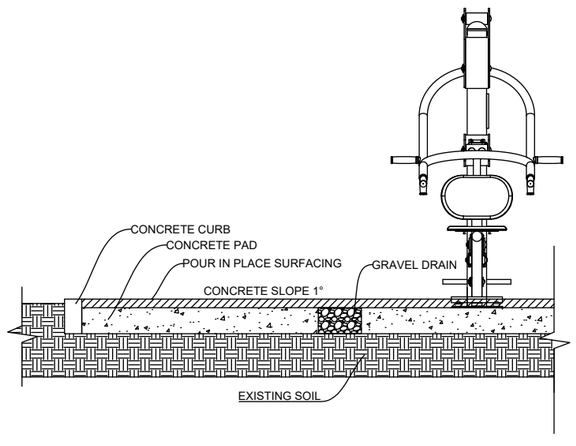
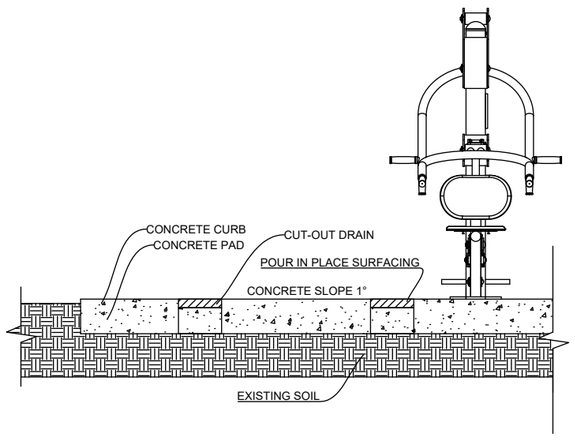
SURFACE MOUNT WITH PIP DRAINAGE OPTIONS

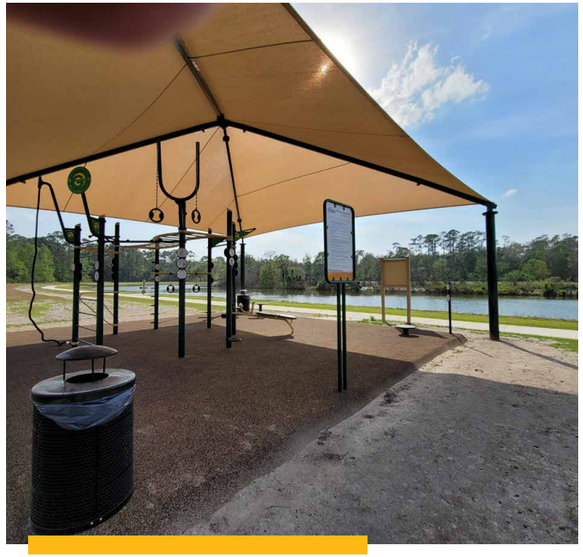


French Drain #1

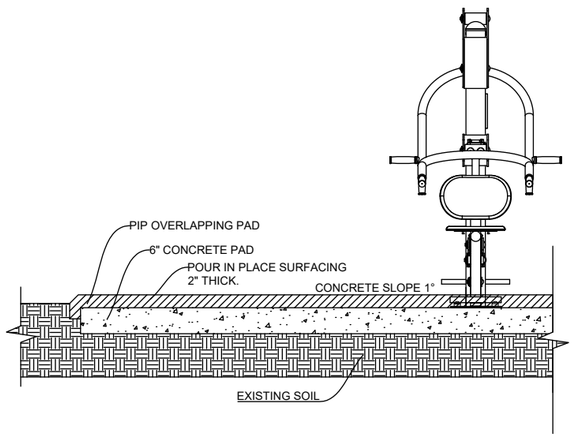


Curb Cutouts

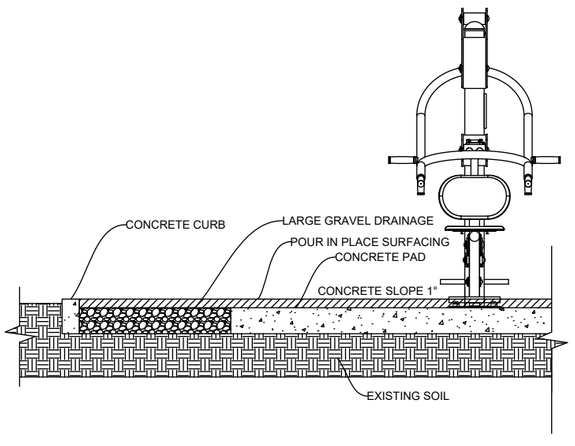




PIP Wrap-Around



French Drain #2



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Inspection Checklist

General Guidelines for Outdoor Fitness Equipment

Greenfields Outdoor Fitness

Questions? Please call 888-315-9037 x105

The following document is supplied as a general inspection document to be performed during regular park inspections. Our support team can be reached at (888) 315-9037 x105 or csc@greenfieldsfitness.com.

Inspection process

- ❑ Visual Inspection
- ❑ Internal Inspection
- ❑ Documentation
- ❑ Reporting

Visual Inspection

- ❑ Check all plastic footrests, backrests, seats, etc. for any cracks. If items are cracked in an unsafe manner, take photos and contact Greenfields to order new pieces.
- ❑ Check all rubber grips for any signs of wear, and make sure they are functioning correctly. If grips are torn or cut, exposing handlebars, take photos and report to Greenfields.
- ❑ Inspect welds for any signs of wear. If there is any damage, take photos and report to Greenfields.
- ❑ Check round safety labels for any signs of wear or vandalism, and send photos if there is.
- ❑ If unsafe for public use, please wrap portion of that unit with a caution-tape to prevent use while maintenance is in progress.

Internal Inspection

- ❑ Engage moving parts and ensure full, uninhibited functionality. If units are making noises when in use, do NOT lubricate the bearings. Check for any metal on metal contact and send photos to Greenfields for review.
- ❑ Inspect bolts and caps to ensure equipment is fully tightened. If screws are loose or missing, tighten or install new screws using a thread-locking compound. If new screws are needed, take photos of the location they are needed and contact Greenfields to order new screws.
- ❑ If unsafe for public use, please wrap portion of that unit with caution tape to prevent use while maintenance is in progress.

Documentation

- ❑ Greenfields takes great pride in providing amazing outdoor fitness gyms that are intended for use by the unsupervised masses in public settings. We do realize that left unattended, units may be subject to improper use or even abuse. We rely on the local maintenance staff to provide the necessary support in order to keep all units and parts in optimal operating condition for years to come.
- ❑ Please use the inspection log provided.

Reporting

- ❑ Greenfields Customer Support Center is available to help with all inquiries. **Please feel free to contact us at: csc@GreenfieldsFitness.com or 888-315-9037 x 105**
- ❑ Please be sure to include photos and name of the park, city, state, country and on-site contact person with whom to communicate.

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Safety and Upkeep Information

Greenfields Outdoor Fitness

Greenfields Outdoor Fitness equipment is intended to be used by the unsupervised public in a variety of outdoor settings. Greenfields is extremely proud of the safe and durable design of its products, which are built to surpass their warranty under normal usage. Installations throughout the hemisphere prove this equipment's success in both hot and cold climates, as well as dry and humid conditions. While the units are designed to be, for the most part, maintenance free, Greenfields recognizes that heavy and constant usage will require a minimal level of maintenance.

Greenfields recommends periodic visual inspections of all outdoor fitness equipment to ensure that each unit is functioning normally and safely. In environments prone to vandalism, local maintenance teams should inspect more frequently. Periodic inspection is at the owners' discretion. Greenfields' Inspection Checklist is a suggestion only and is not intended to replace owners' own internal inspection system.

The following information is intended to provide some guidance for local maintenance teams:

Age Appropriate Use

This fitness equipment is classified as Adult Fitness Equipment and is designed to be used by individuals 14 years or older. Please take necessary precautionary steps to prevent use (and mis-use) by individuals younger than 14. Parental supervision should be enforced.

Normal Wear & Tear

As with any equipment, certain parts may wear more rapidly due to the type and frequency of usage. Most of Greenfields' replacement parts are designed to be installed easily—with specific instructions provided as needed. Every owners' manual contains a detailed replacement parts list for each unit purchased. [Please be advised that the use of decomposed granite (DG) is known to increase the normal wear of footrests and platforms. DG particles attach to the soles of shoes and, like sandpaper, grind these surfaces continually.]

Surface Touch-up

During handling and/or installation, the various surfaces of the equipment may become scratched or disfigured. Greenfields provides touch-up paint with each shipment, and a "Touch-up Guide" is included in this manual. Greenfields' support staff is always available to answer questions regarding the above.

Vandalism

Greenfields' equipment is installed in all types of environments. In some cases, these installations face the challenges of vandalism, graffiti, theft, etc. In some instances touch-up paint is a simple remedy; in other cases a replacement part may have to be purchased. While the warranty does not cover cases of vandalism, Greenfields' customer service team will strive to resolve issues quickly and fairly.

Improper Usage

Since Greenfields' equipment is used without supervision, it may be subject to improper use—that for which it was not designed. Over the years, through its R&D efforts, Greenfields has been able to modify the equipment design to minimize damages caused by improper use. Nevertheless, improper use may compromise a unit's integrity, leading to unnecessary repair expense and/or unsafe conditions. Signs of improper use can sometimes be detected through visual inspections.

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Warranty

- Limited 10-year warranty on main posts and metal structures
- Limited 5-year warranty on moving parts, bearings, seats, backrests, and HDPE panels
- Limited 3-year warranty on hydraulic pistons
- Limited 2-year warranty on footrests, armrests, rubber parts, chains, rings, other grips, and polyurethane components
- Limited 1-year warranty on battle ropes, climbing ropes, suspension trainers, and cargo nets

All warranties cover failure due to natural deterioration or manufacturing defects and do not include any cosmetic issues or wear and tear from normal use. This warranty does not cover cosmetic items such as scratches, dents, marring, fading, discoloring, weathering, wear and tear, or normal level of rusting. Warranty is valid only if the equipment is installed and maintained in conformity with Greenfields' installation and maintenance procedures furnished by Greenfields Outdoor Fitness. Equipment should not be exposed to any irrigation, especially with reclaimed water, as this will void the warranty. Equipment must be installed on a surface with proper drainage and or slope to prevent water buildup around the base of the equipment. Equipment should not be installed in basins or in low-lying areas which result in equipment being submerged. Equipment should be installed in a timely fashion after delivery; however, if the equipment must be stored for an extended period of time, crates should be stored in a dry, indoor environment.

OTHER PRODUCT INFORMATION

Greenfields will continue to develop its line of products and therefore reserves the right to change the design specifications without notice. The equipment is designed for use by individuals weighing up to 300 pounds. The equipment is NOT intended to be used by individuals younger than 14 years of age unless supervised by adults. Greenfields' units are designed to accommodate the majority of users age 14 and above; however, due to the nature of outdoor fitness equipment, units are regarded as "one size fits most, but not all."

CUSTOMER SUPPORT

Upon written notification (email or fax) to Greenfields of a product's failure to conform to any of the aforementioned warranties during the applicable warranty period, Greenfields shall correct such failure/nonconformity by repairing the defective part(s) or providing replacement part(s) within 60 calendar days of receipt of the notification. Greenfields shall ship the required replacement part(s) to the site free of charge, but will not be responsible for providing labor or the cost of labor for removing defective part(s) or installing replacement part(s). Greenfields will warranty the replacement part(s) for the remainder of the original warranty period. Furthermore, no representation, oral or written, of any individual may be substituted for this exclusive limited warranty. To the extent permitted by law, Greenfields shall not be liable for any direct, indirect, special, incidental or consequential damages, which are expressly excluded from the sale of its product. To make claims under the terms of this warranty, please contact Greenfields' Customer Support Center at CSC@GreenfieldsFitness.com. Please include photos or video.

INSTALLATION

Greenfields' equipment is constructed from heavy steel pipes and is subject to heavy forces and torques when in use as intended. Extra care must be taken to ensure that the equipment is securely installed so that it can be safely enjoyed for years to come. There are two methods of installation for the equipment:

• Surface mount installation with posts bolted to a reinforced concrete slab a minimum of 6"-8" thick (please refer to Installation Instructions & Video for detailed guidelines)

888-315-9037 | greenfieldsfitness.com Updated 1/29/2024

• Permanent in-ground installation in which the equipment post extensions are placed in concrete footings and use provided rebar pegs (please refer to Installation Instructions & Video for detailed guidelines)

Installers and project managers are encouraged to contact Greenfields' Customer Support Center with any questions before, during, and/or after installation. Detailed installation instructions are available for all products and are included in the crates for every order. Often the installation of Greenfields' products is assigned to the lowest bidding contractor. The contractor may not have been in contact with Greenfields prior to the project or seen the detailed Installation Instructions. It is the responsibility of the project manager to ensure installing contractor is provided with the most updated set of Greenfields' Installation Instructions & Installation Video to ensure the validity of the warranty. Should the project installer need a copy of the Installation Instructions, please contact Greenfields' Customer Support Center at 888-315-9037 x105 or by email at CSC@GreenfieldsFitness.com.

SAFETY STANDARDS

This adult outdoor fitness equipment is not intended for use by unsupervised individuals younger than 14 years of age. ASTM recently adopted ASTM F3101–21A Standard Specification for Unsupervised Public Use Outdoor Fitness Equipment. While playgrounds are subject to laws in various states requiring compliance with ASTM and/or Consumer Product Safety Commission (CPSC) guidelines, at time of this publication, and to the best knowledge of Greenfields Outdoor Fitness, there are no state laws requiring compliance with standards set forth by ASTM for outdoor fitness equipment (nor with CPSC guidelines, as none currently exist.) Play equipment can be certified to be in compliance with ASTM by the International Playground Equipment Manufacturers Association (IPEMA), and many agencies have a requirement that they only purchase equipment that is IPEMA certified. However, at this time, this is not possible with outdoor fitness equipment, as IPEMA does not currently certify compliance of outdoor fitness equipment. In addition, at this time there are no programs in place to train certified inspectors for outdoor fitness equipment. Without a state law that requires compliance, specifications are voluntary only. However, Greenfields Outdoor Fitness strives to comply with all of the voluntary specifications of ASTM F3101-21A. Greenfields recommends adding a customized sign to each project to limit liability.

SURFACING MATERIALS

Over the years, Greenfields' product has been installed using the following various types of surfacing. ASTM 3101-21A suggests impact attenuating surfacing for some scenarios. The type of surfacing used is ultimately the choice of the owner and their project manager. When it comes to Functional Fitness, Challenge Course and any other apparatus with an overhead structure, it is advised to use fall attenuating surfacing. Greenfields does not promote the use of one type of surfacing over another – the decision is ultimately up to project owners and their architects / engineers. For project specific information, please contact a Greenfields project manager.

MAINTENANCE & EQUIPMENT UPKEEP

Greenfields Outdoor Fitness equipment is intended to be used by the unsupervised public in a variety of outdoor settings. Greenfields is extremely proud of the safe and durable design of its products, which are built to surpass their warranty under normal usage. Installations worldwide prove this equipment's success in both hot and cold climates, as well as dry and humid conditions. While the units are designed to require, for the most part, little to no maintenance, Greenfields recognizes that heavy and constant usage will require a minimal level of maintenance which will be scheduled based on the specific nature of each project. Installation on an ocean front, or with a direct line of sight to the ocean, will expose the units to salt and will require additional maintenance which is not required at inland sites or in dry climates. Such installations will require a regular freshwater rinse to remove the salt from the units (do not use reclaimed water - exposing the equipment to reclaimed water will void warranty). Greenfields recommends periodic inspection by a maintenance team to ensure each and every apparatus functions as intended. Please refer to the Periodic Inspection Checklist provided with the O&M Owner's Manuals. For project specific information, please contact a Greenfields project manager.

Estimate

Order #	Date
S29349	06/04/2025

Greenfields Outdoor Fitness,Inc

2617 West Woodland Drive
Anaheim, CA 92801
Phone: 888-315-9037
Fax: 866-308-9719
Email: orders@greenfieldsfitness.com

Bill To:	Ship To:
CA - City of Compton - Wilson Park City of Compton 301 North Tamarind Avenue Compton, CA 90220	CA - City of Compton - Wilson Park City of Compton 301 North Tamarind Avenue Compton, CA 90220
Customer: CA - City of Compton - Wilson Park	Contact: CA - City of Compton - Wilson

Sales Rep	Payment Terms	FOB Point	Carrier	Date Scheduled
FJV	50% Deposit/ Balance	Origin	Freight	06/04/2025

Item #	Number	Description	Color	Unit Price	Qty	Total Price
1	Sourcewell Contract #	Sourcewell Contract# 010721-GRN City of Compton Sourcewell Account #21015		$0.00	1 ea	$ 0.00
2		IN GROUND INSTALLATION METHOD				
3	SHP515-11K	Functional Fitness Rig (formerly SHP2009-5-15)	CUSTOM	$39,995.00	1 ea	$ 39,995.00
21	SHP724-11KIG	IN GROUND Plyometric Steps (Set of 3) (formerly SHP2009-7-24)	Green	$3,695.00	1 ea	$ 3,695.00
26	UBX360-11KIG	IN GROUND Balancing Plate	CUSTOM	$2,695.00	1 ea	$ 2,695.00
29		IN GROUND RETROFIT				
30	P00118-00	Inground Extension Large Plate 8 Holes		$185.00	11 ea	$ 2,035.00
31	P00119-00	Inground Extension Medium Plate 6 Holes		$140.00	1 ea	$ 140.00
32	P00122-00	Inground Rebar	N/A	$6.00	27 ea	$ 162.00
33	P00141-00	UBX360 Balancing Plate Inground Extension		$185.00	1 ea	$ 185.00
34	IG Installation	All units will be retrofitted for In-Ground Direct Bury installation method, installation NOT in...	N/A	$0.00	1 ea	$ 0.00
35		SURFACE MOUNT INSTALLATION METHOD				
36	UBX215-11	Leg Press	CUSTOM	$6,595.00	1 ea	$ 6,595.00
37	UBX217-11	Squat Adjustable Resistance	CUSTOM	$6,595.00	1 ea	$ 6,595.00
38	UBX246-11	Chest Press Adjustable Resistance	CUSTOM	$6,595.00	1 ea	$ 6,595.00
39	UBX247-11	Vertical Press Adjustable Resistance	CUSTOM	$6,595.00	1 ea	$ 6,595.00
40	UBX249-11K	Recumbent Bike (with resistance)	CUSTOM	$2,895.00	1 ea	$ 2,895.00
43	UBX255-11	Arm Curl Adjustable Resistance	CUSTOM	$6,595.00	1 ea	$ 6,595.00
44	UBX286-11	2 Person Wheelchair Accessible Shoulder Wheel Stretching Station	CUSTOM	$3,295.00	1 ea	$ 3,295.00
45	UBX292-11	Cardio Stepper Adjustable Resistance	CUSTOM	$7,695.00	1 ea	$ 7,695.00
46	SGR105-11K	Customized Announcement Sign (formerly SGR2005-1-105)	CUSTOM	$1,795.00	1 ea	$ 1,795.00
49	SM Installation	All units are Surface Mount installation method, installation NOT included and done by others		$0.00	1 ea	$ 0.00

Estimate

Order #	Date
S29349	06/04/2025

Greenfields Outdoor Fitness,Inc

2617 West Woodland Drive
Anaheim, CA 92801
Phone: 888-315-9037
Fax: 866-308-9719
Email: orders@greenfieldsfitness.com

Item #	Number	Description	Color	Unit Price	Qty	Total Price
50	Custom Paint	Custom Paint request are subject to an upcharge and delay of 4-6 weeks in normal delivery time Custom Colors: Yellow RAL- 1018 Purple RAL- 4008 Seats & Footrests - Black		$25,340.50	1 ea	$ 25,340.50
51	Installation	Installation Scope of Work - Remove & Dispose of (6) Existing Units and (1) Announcement Sign Offload Crates & Dispose of Packaging - Provide Temporary Construction Fencing Remove & Dispose of DG/Dirt at 6" Depth - Remove & Dispose of DG/Dirt at 7.5" Depth - Install Fitness Rig, Balance Plate, and Plyometric Steps - Supply & Install Compacted Subbase 4" Thick - Construct 6" Finished Concrete Pad - Supply & Install Rubber Surfacing Pour-In-Place - 865 SF - Install Surface Mount (8)UBX Units and (1) Sign Site - Clean Up & Touch Up Units	N/A	$117,597.00	1 ea	$ 117,597.00
52		Subtotal				$ 240,499.50
53	Sourcewell Member Discount	Sourcewell Member Discount 7%				-$ 16,834.97
54	Shipping & Handling	Ships in large crates - forklift is needed to unload		$4,500.00	1 ea	$ 4,500.00
55	Terms for Bidders	50% deposit with a signed order; Balance due upon receipt; Without payment bond, prepaid terms apply		$0.00	1 hr	$ 0.00

Prices are valid for 60 days from the Estimate date.
CUSTOMER APPROVAL: I hereby approve this order, the item selection, color selection, and overall Terms & Conditions. I understand should collection of this agreement become necessary, I agree to pay all collection fees and attorney fees/ court costs, etc. The undersigned customer authorizes Greenfields to ship items on this estimate and pay Greenfields the amount specified per payment terms listed on this estimate.

Subtotal:	**$228,164.53**
Sales Tax:	**$24,527.69**
Total:	**$252,692.22**

Approval signature: :_____ Date:_____

Signed by (print name) _____

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GREENFIELDS OUTDOOR FITNESS INC., TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GREENFIELDS OUTDOOR FITNESS INC., AND ESTABLISH A PURCHASE ORDER FOR THE WILSON PARK OUTDOOR FITNESS EQUIPMENT REPLACEMENT PROJECT FOR THE AMOUNT OF $277,961.44.

WHEREAS, the City of Compton's Recreation Department provides resources which meet the needs of the community through highly accessible, enjoyable and varied opportunities for learning and recreation; and

WHEREAS, more specifically, the parks within the City of Compton offer a source of recreation for the community. Wilson Park, located within the City of Compton, has outdoor fitness equipment. The outdoor fitness equipment requires replacement; and

WHEREAS, to replace the outdoor fitness equipment staff researched Sourcewell for this project to secure a qualified contractor and selected Greenfields Outdoor Fitness Inc., a Sourcewell company; and

WHEREAS, the City of Compton is a Sourcewell participating agency. As a participating agency with Sourcewell, the City of Compton does not need to complete the bidding process; and

WHEREAS, City Council approval is needed to secure outdoor fitness equipment replacement services for Wilson Park, located within the City of Compton; and

WHEREAS, the Department of Recreation is requesting authorization to secure outdoor fitness equipment replacement services in the amount of $252,692.22; and

WHEREAS, the total cost for Fiscal Year 2025-2026 is $277,961.11. The total amount includes the estimate of $252, 692.22, and a 10% contingency of $25,269.22 for any unexpected costs. The funds for these expenditures are available in the following accounts:

Account Name	Account Number	Amount
Measure A	2688-840-000-4266	$252,692.22
Measure A 10% Contingency	2688-840-000-4266	$25,269.22

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. That the City Manager, is hereby authorized, on the advice and approval of the City Attorney, to enter into a construction contract, in the amount of $252,692.22, for outdoor fitness equipment replacement services for Wilson Park, located within the City of Compton, with Greenfields Outdoor Fitness Inc.

SECTION 2. That a ten percent (10%) contingency amount, ($25,269.22) is hereby authorized.

SECTION 3. That the City Manager is authorized to open a Purchase Order with Greenfields Outdoor Fitness Inc. for $277,961.44 to secure outdoor fitness equipment replacement services for Wilson Park, located within the City of Compton.

SECTION 4. The funds for these expenditures are available in the Recreation Department's 2025-2026 fiscal year budget. Specifically, funds are available in the Measure A account number 2688-840-000-4266. As a Measure A qualifying project, the City of Compton will be reimbursed, on a perpetuitous bases, for the expenses related to outdoor fitness equipment replacement services, as claims are filed with the Los Angeles County Regional Park and Open Space District.

SECTION 5. That a copy of this Resolution shall be filed in the offices of the City Clerk, City Attorney, City Manager, City Controller , and the Recreation Department.

SECTION 6. That the Mayor shall sign and the City Clerk shall attest to the adoption of this Resolution.

ADOPTED this _____day of _____, 2025

_____
EMMA SHARIF
MAYOR OF THE CITY OF COMPTON

ATTEST:

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF COMPTON: SS

I, Satra D. Zurita, City Clerk of the City of Compton, hereby certify that the foregoing resolution was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the Clerk at a regular meeting thereof held on the _____day of _____, 2025.

That said Resolution was adopted by the following vote, to wit:

AYES: COUNCILMEMBERS-
NOES: COUNCILMEMBERS-
ABSTAIN: COUNCILMEMBERS-
ABSENT: COUNCILMEMBERS-

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

SERVICE AGREEMENT BETWEEN THE CITY OF COMPTON AND GREENFIELDS OUTDOOR FITNESS INC. REGARDING THE OUTDOOR FITNESS EQUIPMENT REPLACEMENT SERVICES AT WILSON PARK

This **AGREEMENT** is made by and between the **CITY OF COMPTON**, a municipal corporation of the State of California (hereinafter referred to as **"CITY"**) located at 205 South Willowbrook Avenue, Compton, California 90220, and **GREENFIELDS OUTDOOR FITNESS INC. (**hereinafter referred to as "**CONTRACTOR")** located at 2617 West Woodland Drive, Anaheim, CA 92701, pursuant to Resolution No. XX,XXX, adopted by the City Council on Month, Day, 2025.

WITNESSETH:

That the City and Contractor, for the consideration, terms and conditions herein described, mutually agree as follows:

1. Services to be performed by Contractor: Contractor shall perform, in a professional manner, everything required to be performed, shall provide and furnish all the labor, materials, necessary tools, expendable equipment and all utility and transportation services for providing outdoor fitness equipment replacement/installation at Wilson Park in the City of Compton. Specifically, Contractor shall provide and perform the following services at the park aforementioned:

SCOPE OF SERVICES

- Contractor will provide installation and removal services for the outdoor fitness equipment project at Wilson Park, located in Compton, CA.
- Remove & dispose of (6) existing units and (1) announcement sign
- Offload crates, and dispose of packaging
- Provide temporary construction fencing
- Remove and dispose DG/Dirt at 6"
- Remove and dispose of DG//Dirt at 7.5" depth
- Install fitness rig, balance plate, and plyometric steps
- Supply and install compacted subbase 4" thick
- Construct 6" finished concreate pad
- Supply and install rubber surfacing, pour-in-place, 865 square feet
- Install surface mount (8) UBX units and (1) sign site
- Clean-up and Touch-up units
- All equipment and measurements are noted on the invoice supplied by the contractor.

Contractor agrees to perform all the said work and furnish all the said materials at its own cost and expense, as are necessary to complete in a good worker-like and substantial manner and to the satisfaction of the City**.** Contractor shall bear all costs associated with this work, including, but not limited to all professional, technical, clerical services, materials, tools, equipment, transportation, telephone, etc., used by Contractor in connection with this work.

Contractor will be responsible for employing or engaging all persons necessary to perform the services. All of Contractor's staff will be qualified by training and experience to perform their assigned tasks. Contractor will give its personal attention to the fulfillment of the provisions of this Agreement by all of its employees and subcontractors, if any, and will keep the services under its control.

1.1 Key Personnel.

a) **Contractor's Representative.** Contractor hereby designates **Sam Mendelsohn, President and CEO** as Contractor's Representative, who shall be deemed to be Contractor's agent with express authority to bind Contractor with respect to all matters requiring Contractor's approval or authorization.
b) **City's Representative.** City hereby designates **Bryan Spragg**, **Director of the Parks and Recreation Department** or his/her designated representative as City's Representative for this Agreement.

2. <u>Term of Agreement.</u> Contractor agrees to commence the services provided for herein upon written Notification to Proceed from the City and to continue in a diligent and professional manner for the duration of the term of this agreement from July 2025 to September 2025; unless this Agreement is terminated as provided herein.

Contractor will generally adhere to the schedule set forth within Contractor's Proposal provided that City will grant reasonable extensions of time for the performance of the services occasioned by unusually lengthy governmental reviews of Contractor's work product or other unavoidable delays occasioned by unforeseen circumstances; provided, further that such unavoidable delay will not include strikes, lockouts, work stoppages, or other labor disturbances conducted by, or on behalf of Contractor's officers or employees.

Contractor acknowledges the importance to City of Compton's project schedule and agrees to put forth its best professional efforts to perform the services in a manner consistent with the schedule. City understands, however, that Contractor's performance must be governed by sound practices. Contractor will work such overtime or engage such personnel and equipment as necessary to maintain the schedule, without additional compensation.

3. Compensation. Contractor agrees to provide all professional services at the following rate: $252,692.22 total compensation for services rendered. The method of payment for these services will be billed on an invoice basis, paid at the completion of each task/phase of the project or at the completion of services. The total price paid the Contractor will include compensation for all work, including travel, materials, supplies, vendor services, expenses and subcontracted work. The fees charged by the Contractor shall include compensation for all work and labor, including travel, materials, supplies, vendor services, expenses and subcontracted work. No additional compensation will be paid to the Contractor, unless there is a change in the scope of the work or the scope of the project.

In the instance of a change in the scope of work or scope of the project, adjustment to the total compensation will be negotiated between the Contractor and the City. Adjustment in the total compensation will not be effective until authorized by written approval by the City and Contractor. Progress payments may be made in arrears for services provided by the Contractor. If Contractor fails to complete the work according to schedule and as agreed, the City shall have the right to delay payment and/or terminate this Agreement in accordance with the provisions noted herein.

Contractor shall be reimbursed within thirty (30) days, or as promptly as fiscal procedures may permit, upon receipt by the City of itemized invoice(s) for all services completed. Invoice(s) shall be submitted no later than 45 calendar days after the performance of work for which the Contractor is billing. Invoice(s) shall be delivered or mailed to the City Controller Department at the following address: **City of Compton, 205 South Willowbrook Avenue, Compton, California 90220.**

The Contractor is required to comply with all federal, state and local laws and ordinances applicable to the work.

For the work agreed to be performed pursuant to this Agreement, it is understood between the parties that the maximum compensation payable to the Contractor for any and all services rendered during the term of this Agreement is limited to **Two Hundred Fifty-two Thousand Six Hundred Ninety-two Dollars and Twenty-two Cents, ($252,692.22).**

In the event of termination, the Contractor shall be entitled to non-disputed compensation for the reasonable value of services performed to the effective date of termination; provided, however, that the City may condition payment of such compensation upon the Contractor's delivery to the City of any and all City property, documents, reports, records and material associated with the performance of this Agreement.

4. Safety.

4.1 Contractor shall have overall responsibility for safety precautions and programs in the performance of the services.

4.2 Contractor shall seek to avoid injury, loss or damage to persons or property by taking reasonable steps to protect:

a) Employees and all other persons at the location where services are rendered ("Site"); and

b) Materials and equipment stored on the Site or off the Site at locations for use in performance of the work; and

c) The assigned project Site and all property located at the Site, whether or not said property or structures are part of the project or involved in the work.

4.3 Contractor shall designate an individual at the Site of the assigned project in the employ of Contractor who shall act as Contractor's designated safety representative with a duty to prevent accidents.

4.4 Losses not insured under property insurance which may arise from the performance of the work, to the extent of the negligence attributed to such acts or omissions of Contractor or anyone for whose acts Contractor may be liable, shall be promptly remedied by Contractor at Contractor's cost and without reimbursement by City as a cost of work, or in any other manner.

4.5 If City deems any part of the work or Site unsafe, City may require Contractor, without assuming responsibility for Contractor's safety program, to immediately stop performance of the work or take corrective measures. Neither City's order nor Contractor's action in response thereto shall be the basis for adjustment in the contract price or contract time.

4.6 Contractor shall immediately notify the City of any illegal dumping of hazardous materials and other emergency public safety issues observed at the Sites were services are performed.

5. **Indemnity.** Contractor shall indemnify and save harmless the City**,** its officials, officers, employees, agents and volunteers (collectively hereafter the "CITY") against any and all damages to property or injuries to or death of any person or persons, including property and employees or agents of the City and shall defend, indemnify and save the City from any and all liability or expense, including defense costs and legal fees, and claims, demands, suits, actions or proceedings of any kind or nature, including Worker's Compensation claims, of or by anyone whomsoever in any way resulting from or arising out of the negligent or intentional acts or omissions of the Contractor in the performance of this Contract, including operations of subcontractors and acts or omissions of employers or agents of the Contractor or its subcontractors.

This indemnification, and hold harmless obligation, does not extend to claims arising out of the sole negligence or willful misconduct of the City.

6. **Insurance.** The Contractor shall not commence work under this Contract until it has provided evidence satisfactory to the City that it has secured all insurance required under this section. In addition, Contractor shall not allow any subcontractor to commence work on any subcontract until it has secured all insurance required under this section.

As a condition precedent to the effectiveness of this Contract for work to be performed hereunder and without limiting the Contractor's indemnification of the City, Contractor shall provide and maintain at its own expense during the term of this Agreement the following program(s) of insurance covering its operations hereunder. ***Failure on the part of the Contractor to procure or maintain insurance shall constitute a material breach upon which the City may immediately terminate this Agreement.*** Contractor agrees to suspend and cease all operations hereunder during such period of time as the required insurance coverage is not in effect and evidence of insurance has not been furnished to the City.

6.1 Minimum Scope of Insurance. Insurance coverage specified herein constitutes the minimum requirements and said requirements shall in no way lessen or limit the liability of the Contractor under the terms of the Agreement. Contractor shall procure and maintain, at its own costs and expense, any additional kinds and amounts of insurance that, in its own judgment, may be necessary for its proper protection of the work.

All insurance required hereunder shall be primary with respect to any insurance maintained by the City and shall not call on the City's program for contributions. Program(s) of insurance shall include:

a) **Commercial General Liability.** Contractor shall provide and maintain at its own expense during the term of this Agreement a policy of Commercial General Liability Insurance, inclusive of personal injury liability and broad form property damage coverage, in an amount not less than **Two Million Dollars ($2,000,000.00)** per occurrence. The coverage shall be written on an occurrence basis. Claims made coverage is not acceptable.
b) **Automobile Liability.** When applicable, a program of insurance with a limit of liability of not less than **One Million Dollars ($1,000,000.00)** for each accident. Such insurance shall include coverage for all "owned", "hired" and "non-owned" vehicles, or coverage for "any auto".
c) **Workers' Compensation.** Workers' Compensation Insurance, as required by the State of California and Employer's Liability Insurance, with a limit of not less than **One Million Dollars ($1,000,000.00)** per accident for bodily injury and disease. Workers' Compensation and Employer's Liability insurance may not be required if Contractor has no employees and provides, to City's satisfaction, a declaration stating this.

6.2 Endorsements. Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the City for approval.

a) The policy of insurance required by Section 6.1.a (Commercial General Liability) shall be endorsed to provide the following:

(1) Additional Insured: The City, its officials, officers, employees, agents, and volunteers shall be named as ***"additional insured"*** with regard to liability and defense of suits or claims arising out of the performance of the Agreement.

(2) Cancellation: Required insurance policies shall not be canceled or the coverage reduced until a thirty (30) day written notice of cancellation has been served upon the City, except ten (10) days written notice shall be provided for non-payment of premium.

b) The policy of insurance required by Section 6.1.b (Automobile Liability) shall be endorsed to provide the following:

(1) Cancellation: Required insurance policies shall not be canceled or the coverage reduced until a thirty (30) day written notice of cancellation has been served upon the City, except ten (10) days written notice shall be provided for non-payment of premium.

c) The policy or policies of insurance required by Section 6.1.c (Workers' Compensation) shall be endorsed to provide the following:

(1) Waiver of Subrogation: A waiver of subrogation stating that the insurer waives all rights of subrogation against the indemnified parties.

(2) Cancellation: Required insurance policies shall not be canceled or the coverage reduced until a thirty (30) day written notice of cancellation has been served upon the City, except ten (10) days written notice shall be provided for non-payment of premium.

6.3 Waiver of Subrogation. Required insurance coverages shall not prohibit Contractor from waiving the right of subrogation prior to a loss. Contractor shall waive all subrogation rights against the indemnified parties. Policies shall contain or be endorsed to contain such provisions.

6.4 Deductible. Any deductible or self-insured retention must be approved in writing by the City and shall protect the indemnified parties in the same manner and to the same extent as they would have been protected had the policy or policies not contained a deductible or self-insured retention.

6.5 Evidence of Insurance. The Contractor, concurrently with the execution of the Contract, and as a condition precedent to the effectiveness thereof, shall deliver certified copies of the required policies to the City. The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf. At least fifteen (15) days prior to the expiration of any such policy, evidence of insurance showing that such insurance coverage has been renewed or extended shall be filed with the City. If such coverage is cancelled or reduced, Contractor shall, within ten (10) days after receipt of written notice of such cancellation or reduction of coverage, file with the City evidence of insurance showing that the required insurance has been reinstated or has been provided through another insurance company or companies.

6.6 Acceptability of Insurers. Each such policy shall be from a company or companies with a current A.M. Best's rating of no less than A:VII and authorized to do business in the State of California, or otherwise allowed to place insurance through surplus line brokers under applicable provisions of the California Insurance Code or any federal law.

6.7 Insurance for Subcontractors. All subcontractors shall be included as additional insureds under the Contractor's policies, or the Contractor shall be responsible for causing subcontractors to purchase the appropriate insurance in compliance with the terms of these Insurance Requirements, including adding the City as an ***"additional insured"*** to the subcontractor's policies.

7. Nondiscriminatory Employment Practices. During the performance of this Contract, the Contractor agrees not to discriminate against any employee or applicant for employment because of race, sex, creed, color, religion, age, sexual orientation, marital status, national origin, political affiliation, handicap or belief in accordance with requirements of City, State or Federal laws and regulations. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, sex, creed, color, religion, age, sexual orientation, marital status, national origin, political affiliation, handicap or belief. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoffs or termination; rates of pay or other forms of compensation and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth provisions of this nondiscrimination clause.

In the event of the Contractor's noncompliance with the nondiscrimination clauses of this Contract, this Contract may be canceled, terminated or suspended in whole or in part.

8. Successor and Assigns. City and the Contractor each binds themselves, their partners, successors, assigns and legal representatives to the other party hereto and to partners, successors, assigns and legal representatives of such other party in respect to all covenants, agreements and obligations contained in the Contract Documents. Neither party to the Agreement shall assign the Contract or sublet it in whole or part without the written consent of the other, nor shall the Contractor assign any monies due or to become due to it hereunder, without the previous written consent of the City. Any attempted assignment of this Contract without the written consent of both parties is void.

9. Independent Contractor Status. Contractor, its officers, employees, subcontractors, agents and volunteers (collectively hereinafter the "Contractor"), is a wholly independent Contractor and not an officer, employee, subcontractor or agent of the City. Neither the City nor any of its officers, employees, agents or volunteers shall have any control over the conduct of the Contractor, except as expressly set forth in this Agreement. Contractor expressly warrants that while engaged in carrying out and complying with any terms and conditions of this Agreement that Contractor shall not at any time or in any manner, represent that Contractor is in any manner officers, employees, agents or volunteers of the City. Contractor shall obtain no rights to retirement, health care or any other benefit that accrue to City officials, officers, or employees. Contractor expressly waives any claim to such rights.

10. Subcontracting. Except as may be agreed to by the City, Contractor will not subcontract any portion of the services without prior written approval of City Manager or his/her designee. If Contractor subcontracts any of the services, Contractor will be fully responsible to City for the acts, errors and omissions of Contractor's subcontractor and of the persons either directly or indirectly employed by the subcontractor, as Contractor is for the acts and omissions of persons directly employed by Contractor. Nothing contained in this Agreement will create any contractual relationship between any subcontractor of Contractor and City. Contractor will be responsible for payment of subcontractors. Contractor will bind every subcontractor and every subcontractor of a subcontractor by the terms of this Agreement applicable to Contractor's work unless specifically noted to the contrary in the subcontract and approved in writing by City.

11. Other Contractors. The City reserves the right to employ other Contractors in connection with the services.

12. Permits and Licenses. Contractor, at its sole expense, shall obtain and maintain during the term of this Agreement, all appropriate business and professional permits, licenses and certificates that may be required in connection with the performance of services by Contractor.

Prior to, or at the time of execution of this Agreement, the Contractor shall purchase a business license permit in conformance with *Section 9-1.2* of the *Compton Municipal Code*.

13. Termination. Notwithstanding any other provisions of this Agreement, this Agreement may be terminated as follows:

13.1 If the Contractor becomes insolvent; that is, it has ceased to pay its debts in the ordinary course of business or cannot pay its debts as they become due, whether or not it has committed an act of bankruptcy, and whether or not insolvent within the meaning of the federal Bankruptcy law, then, the City may, without prejudice to any other right or remedy and after giving the Contractor five (5) days written notice, terminate this Agreement.

13.2 If the Contractor persistently or repeatedly refuses or fails, except in cases for which extensions of time are provided, to supply enough properly skilled workers, property or material, or if he fails to make prompt payment to subcontractors or for materials or labor, or he persistently disregards laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, then, the City may, without prejudice to any other right or remedy and after giving the Contractor five (5) days written notice, terminate this Agreement.

13.3 If the Contractor fails to perform or breaches any material obligation under this Agreement, then, the City may, without prejudice to any other right or remedy and after giving the Contractor five (5) days written notice, terminate this Agreement.

If the City gives notice of termination, Contractor shall cease immediately all work in progress unless otherwise directed in writing by the City. Upon termination, Contractor shall furnish to the City a final invoice for work performed.

14. Force Majeure. In the event that performance by either party is rendered impossible (permanently or temporarily) due to acts of war, acts of terrorism, fires, floods, epidemics, quarantine restrictions, or other natural occurrences, strikes, work slowdowns, lockouts (other than lockout by Contractor or any of Contractor's subcontractors), or other similar acts to those described above or other causes beyond the reasonable control of such party, and without fault or negligence, said event shall excuse performance by such party, or in the case of temporary impossibility, shall excuse performance only for a period commensurate with the period of impossibility. Notwithstanding the foregoing, City shall have the right to terminate this Contract upon any event that renders performance impossible. In such case, City shall be responsible for payment of all expenses incurred to the point at which this Contract is terminated.

15. Waivers. A waiver by either party to this Agreement of any breach of any term, covenant or condition contained herein shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant or condition contained herein, whether of the same or a different character.

16. Amendments. This Agreement may be modified or amended only by written document executed by both Contractor and City's City Manager and approved as to form by the City Attorney. Such document shall expressly state that it is intended by the parties to amend the terms and conditions of this Agreement.

17. Notice. All notices, demands or requests to be given under this Agreement shall be given in writing and conclusively shall be deemed received when: (a) delivered personally, or (b) on the fifth day after the deposit thereof in the United States mail, postage prepaid and addressed as hereinafter provided, or (c) one business day after sent by facsimile transmission.

Contractor:	**Greenfields Outdoor Fitness, Inc.** **2617 West Woodland Drive** **Anaheim, CA 92801** **(888) 315-9037**
City:	**City of Compton** **205 South Willowbrook Avenue** **Compton, CA 90220** **Attn: Bryan Spragg, Director of Recreation** **(310) 605-3060**
With copy to:	**City of Compton** **205 South Willowbrook Avenue** **Compton, California 90220** **Attn: City Manager**

18. Contractor's Books and Records. Contractor shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to work, services, expenditures and disbursements charges to the City for the period and to the extent required by laws relating to audits of public agencies and their expenditures.

Contractor shall maintain all documents and records which demonstrate performance under this Agreement for the period and to the extent required by laws relating to audits of public agencies and their expenditures.

Any records or documents required to be maintained pursuant to this Agreement shall be made available for inspection or audit, at any time during regular business hours, upon written request by the City or a designated representative. Copies of such documents shall be provided to the City**,** at its expenses, for inspection when it is practical to do so. Otherwise, unless an alternative is mutually agreed upon, the records shall be available at Contractor's address indicated for receipt of notices in this Agreement.

19. Examination and Audit. This Contract shall be subject to examination and audit of the City**,** State Auditor of the State of California and/or any duly authorized representative of the federal government, at the request of the City, or as part of any audit of the City, for a period of three (3) years, or longer if required by law, after final payment under this Agreement.

20. Extent of Agreement. This Agreement and any attachments hereto, constitute the entire understanding and agreement of the parties. This Agreement integrates all of the terms and conditions mentioned herein or incidental hereto and supersedes all negotiations or previous agreements between the parties with respect to all and any part of the subject matter hereof. Neither party has been induced to make or enter into this Agreement by reason of promise, agreement, representation, statement or warranty other than as herein contained. Nothing in this Agreement shall create any contractual relations between any subcontractor and the City.

21. Governing Law, Jurisdiction and Venue. This Agreement shall be governed by and construed under the laws of the State of California. In the event of litigation between the parties, venue shall lie exclusively in a court of competent jurisdiction in the County of Los Angeles, state of California, and the Parties waive all provisions of law providing for a change of venue in these proceedings to any other county.

Should any part of this Agreement be declared by a final decision by a court or tribunal of competent jurisdiction to be unconstitutional, invalid, or beyond the authority of either party to enter into or carry out, such decision shall not affect the validity of the remainder of this Agreement, which shall continue in full force and effect, provided that the remainder of this Agreement, absent the unexcised portion, can be reasonably interpreted to give effect to the intentions of the parties.

22. Waiver of Jury Trial. Contractor voluntarily waives its right to a jury trial of any cause of action, claim, counter-claim or cross-complaint in any action, proceeding or hearing on any matter whatsoever arising out of, or in any way connected with, this Agreement, the relationship between City and Contractor, Contractor's performance on each project, or the enforcement of any remedy under any law, statute or regulation now or hereafter in effect. Contractor shall include this provision for waiver of jury trial right in its contracts with its subcontractors who provide work on any assigned projects, waiving the right of a jury trial in any action involving City as a party, whether by joinder, consolidation, counter-claim, cross-complaint or otherwise.

23. Federal and State Withholding Taxes. Contractor shall be responsible for paying when due all federal and state income withholding taxes for all earning under this Agreement. Contractor agrees to indemnify City for any claims, costs, losses, fees, penalties, interest, or damages suffered by City resulting from Contractor's failure to comply with this provision. Contractor shall be responsible for paying all federal and state income withholding taxes for all earning under this Agreement.

24. Miscellaneous. No provision of this Agreement is to be interpreted for or against either party because that party or that party's legal representative drafted such provision.

Should either party hereto, or any representative, successor or assign of either party hereto, resort to litigation to enforce the provisions of this Agreement, the party or parties prevailing in such litigation shall be entitled, in addition to such other relief as may be granted, to recover its or their reasonable attorney's fees and costs in such litigation from the party or parties against whom enforcement is sought.

IN WITNESS WHEREOF, Contractor has executed this Agreement and the **City**, by its City Manager, who is authorized to do so, has executed this Agreement.

Greenfields Outdoor Fitness, Inc.

By: _____ Dated:_____

Sam Mendelsohn, President and CEO

City of Compton

By: _____ Dated:_____

Bryan Spragg, Director of Parks & Recreation

Approved by:

By: _____ Dated:_____

Willie A. Hopkins Jr., City Manager

Approved as to form:

By: _____ Dated:_____

Legal Division

ATTEST:

By: _____ Dated:_____

Satra D. Zurita, City Clerk

July 15, 2025

TO: **HONORABLE MAYOR AND CITY COUNCIL MEMBERS**

FROM: **BRYAN SPRAGG, DIRECTOR OF RECREATION**

SUBJECT: **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GAMETIME C/O GREAT WESTERN RECREATION, TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GAMETIME C/O GREAT WESTERN RECREATION, AND ESTABLISH A PURCHASE ORDER FOR THE TRAGNIEW PARK PLAYGROUND EQUIPMENT AND BASKETBALL COURT REPLACEMENT PROJECT FOR THE AMOUNT OF $340,514.11.**

SUMMARY

The resolution authorizes the City Manager to proceed with the Tragniew Park playground equipment and basketball court replacement project. This involves accepting an estimate of Three Hundred Nine Thousand Five Hundred Fifty-Eight Dollars and Twenty-Eight Cents, ($309,558.28) from GameTime C/O Great Western Recreation, a reputable contractor specializing in playground equipment and basketball court installation. The City Manager will enter into a construction contract with the company to provide the specified construction services.

In addition to the contract amount, a 10% contingency of Thirty Thousand Nine Hundred Fifty-Five Dollars and Eighty-Three Cents, ($30,955.83) is authorized. This contingency fund is set aside to cover any unforeseen costs or changes during the project, ensuring that the project can be completed without financial interruptions.

Furthermore, the resolution establishes a purchase order for GameTime C/O Great Western Recreation, for the total amount of Three Hundred Forty Thousand Five Hundred Fourteen Dollars and Eleven Cents, ($340,514.11). This includes both the contract amount and the contingency amount; providing a comprehensive budget framework for the project's execution.

BACKGROUND

The City of Compton’s Recreation Department provides resources which meet the needs of the community through highly accessible, enjoyable and varied opportunities for learning and recreation. More specifically, the parks within the City of Compton offer a source of recreation for the community. Tragniew Park, located within the City of

Compton, has a playground and a basketball court. The playground equipment, and basketball court, both require replacement. In order to replace the equipment, the City of Compton must contract with a professional provider. The City has partnered with GameTime C/O Great Western Recreation, an Omnia Partners company.

GameTime C/O Great Western Recreation brings over 96 years of experience in creating fun, and innovative products that bring people together around recreation. They are well established, an Omnia Partner, and are a professional representative firm serving cities across the country.

STATEMENT OF ISSUE

The Parks Maintenance Department does not employ personnel with the skills or qualifications to replace the playground equipment and basketball court; thus, staff researched Omnia Partners for this project to secure a qualified contractor and selected GameTime C/O Great Western Recreation, an Omnia Partners company.

Omnia Partners simplifies the procurement process for State and Local Governments, and has done so for over 20 years. They ensure contracts are compliant with public purchasing regulations, focus on cost reduction, and improve efficiencies. The City of Compton is an Omnia Partners participating agency. As a participating agency with Omnia Partners, the City of Compton does not need to complete the bidding process.

FISCAL IMPACT

The total cost for the playground equipment and basketball court replacement project during Fiscal Year 2025-2026 is $340,514.11. The funds for these expenditures are available in the following account:

Account Name	Account Number	Amount
Measure A	2688-840-000-4266	$309,558.28
Measure A 10% Contingency	2688-840-000-4266	$30,955.83

As a Measure A qualifying project, the City of Compton will be reimbursed, on a perpetuitous bases, for the expenses related to the replacement of the playground equipment and basketball court at Tragniew Park, as claims are filed with the Los Angeles County Regional Park and Open Space District. Measure A funds will also be utilized for any unexpected costs. In anticipation of additional costs, the City has included a 10% contingency of the total contract price.

RECOMMENDATION

Staff recommends the City Council adopt the attached Resolution establishing, and authorizing, the City Manager to enter into a construction contract with GameTime C/O Great Western Recreation, and to open a Purchase Order for the playground equipment and basketball court replacement services for Tragniew Park, located within the City of Compton, during the fiscal year 2025-2026.

BRYAN SPRAGG
DIRECTOR OF PARKS & RECREATION

APPROVED FOR FORWARDING:

WILLIE A. HOPKINS JR.
CITY MANAGER

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GAMETIME C/O GREAT WESTERN RECREATION, TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GAMETIME C/O GREAT WESTERN RECREATION, AND ESTABLISH A PURCHASE ORDER FOR THE TRAGNIEW PARK PLAYGROUND EQUIPMENT AND BASKETBALL COURT REPLACEMENT PROJECT FOR THE AMOUNT OF $340,514.11.

WHEREAS, the City of Compton's Recreation Department provides resources which meet the needs of the community through highly accessible, enjoyable and varied opportunities for learning and recreation; and

WHEREAS, more specifically, the parks within the City of Compton offer a source of recreation for the community. Tragniew Park, located within the City of Compton, has a playground and a basketball court. The playground equipment, and basketball court, both require replacement; and

WHEREAS, to replace the equipment and basketball court, the City of Compton must contract with a professional provider. The City has partnered with GameTime C/O Great Western Recreation, an Omnia Partners company; and

WHEREAS, City Council approval is needed to secure playground equipment and basketball court replacement services for Tragniew Park, located within the City of Compton; and

WHEREAS, the Department of Recreation is requesting authorization to secure playground equipment and basketball court replacement services in the amount of $309,558.28; and

WHEREAS, the total cost for Fiscal Year 2025-2026 is $340,514.11. The total amount includes the estimate of $309,558.28, and a 10% contingency of $30,955.83 for any unexpected costs. The funds for these expenditures are available in the following accounts:

Account Name	Account Number	Amount
Measure A	2688-840-000-4266	$309,558.28
Measure A 10% Contingency	2688-840-000-4266	$30,955.83

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. That the City Manager, is hereby authorized, on the advice and approval of the City Attorney, to enter into a construction contract, in the amount of $309,558.28, for playground equipment and basketball court replacement services for Tragniew Park, located within the City of Compton, with GameTime C/O Great Western Recreation.

SECTION 2. That a ten percent (10%) contingency amount, ($30,955.83) is hereby authorized.

SECTION 3. That the City Manager is authorized to open a Purchase Order with GameTime C/O Great Western Recreation for $340,514.11 to secure playground equipment and basketball court replacement services for Tragniew Park, located within the City of Compton.

SECTION 4. The funds for these expenditures are available in the Recreation Department's 2025-2026 fiscal year budget. Specifically, funds are available in the Measure A account number 2688-840-000-4266. As a Measure A qualifying project, the City of Compton will be reimbursed, on a perpetuitous bases, for the expenses related to playground equipment and basketball court replacement services, as claims are filed with the Los Angeles County Regional Park and Open Space District.

SECTION 5. That a copy of this Resolution shall be filed in the offices of the City Clerk, City Attorney, City Manager, City Controller , and the Recreation Department.

SECTION 6. That the Mayor shall sign and the City Clerk shall attest to the adoption of this Resolution.

ADOPTED this _____day of _____, 2025

_____
EMMA SHARIF
MAYOR OF THE CITY OF COMPTON

ATTEST:

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF COMPTON:SS

I, Satra D. Zurita, City Clerk of the City of Compton, hereby certify that the foregoing resolution was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the Clerk at a regular meeting thereof held on the _____day of _____, 2025.

That said Resolution was adopted by the following vote, to wit:

AYES: COUNCILMEMBERS-
NOES: COUNCILMEMBERS-
ABSTAIN: COUNCILMEMBERS-
ABSENT: COUNCILMEMBERS-

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMPTON ACCEPTING THE ESTIMATE OF GAMETIME C/O GREAT WESTERN RECREATION, TO AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONSTRUCTION CONTRACT WITH GAMETIME C/O GREAT WESTERN RECREATION, AND ESTABLISH A PURCHASE ORDER FOR THE TRAGNIEW PARK PLAYGROUND EQUIPMENT AND BASKETBALL COURT REPLACEMENT PROJECT FOR THE AMOUNT OF $340,514.11.

WHEREAS, the City of Compton's Recreation Department provides resources which meet the needs of the community through highly accessible, enjoyable and varied opportunities for learning and recreation; and

WHEREAS, more specifically, the parks within the City of Compton offer a source of recreation for the community. Tragniew Park, located within the City of Compton, has a playground and a basketball court. The playground equipment, and basketball court, both require replacement; and

WHEREAS, to replace the equipment and basketball court, the City of Compton must contract with a professional provider. The City has partnered with GameTime C/O Great Western Recreation, an Omnia Partners company; and

WHEREAS, City Council approval is needed to secure playground equipment and basketball court replacement services for Tragniew Park, located within the City of Compton; and

WHEREAS, the Department of Recreation is requesting authorization to secure playground equipment and basketball court replacement services in the amount of $309,558.28; and

WHEREAS, the total cost for Fiscal Year 2025-2026 is $340,514.11. The total amount includes the estimate of $309,558.28, and a 10% contingency of $30,955.83 for any unexpected costs. The funds for these expenditures are available in the following accounts:

Account Name	Account Number	Amount
Measure A	2688-840-000-4266	$309,558.28
Measure A 10% Contingency	2688-840-000-4266	$30,955.83

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COMPTON DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. That the City Manager, is hereby authorized, on the advice and approval of the City Attorney, to enter into a construction contract, in the amount of $309,558.28, for playground equipment and basketball court replacement services for Tragniew Park, located within the City of Compton, with GameTime C/O Great Western Recreation.

SECTION 2. That a ten percent (10%) contingency amount, ($30,955.83) is hereby authorized.

SECTION 3. That the City Manager is authorized to open a Purchase Order with GameTime C/O Great Western Recreation for $340,514.11 to secure playground equipment and basketball court replacement services for Tragniew Park, located within the City of Compton.

SECTION 4. The funds for these expenditures are available in the Recreation Department's 2025-2026 fiscal year budget. Specifically, funds are available in the Measure A account number 2688-840-000-4266. As a Measure A qualifying project, the City of Compton will be reimbursed, on a perpetuitous bases, for the expenses related to playground equipment and basketball court replacement services, as claims are filed with the Los Angeles County Regional Park and Open Space District.

SECTION 5. That a copy of this Resolution shall be filed in the offices of the City Clerk, City Attorney, City Manager, City Controller , and the Recreation Department.

SECTION 6. That the Mayor shall sign and the City Clerk shall attest to the adoption of this Resolution.

ADOPTED this _____day of _____, 2025

_____
EMMA SHARIF
MAYOR OF THE CITY OF COMPTON

ATTEST:

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF COMPTON:SS

I, Satra D. Zurita, City Clerk of the City of Compton, hereby certify that the foregoing resolution was adopted by the City Council of the City of Compton, signed by the Mayor and attested by the Clerk at a regular meeting thereof held on the _____day of _____, 2025.

That said Resolution was adopted by the following vote, to wit:

AYES: COUNCILMEMBERS-
NOES: COUNCILMEMBERS-
ABSTAIN: COUNCILMEMBERS-
ABSENT: COUNCILMEMBERS-

_____
SATRA D. ZURITA
CITY CLERK OF THE CITY OF COMPTON

Proposal for

City of Compton

Prepared by

GREAT WESTERN RECREATION

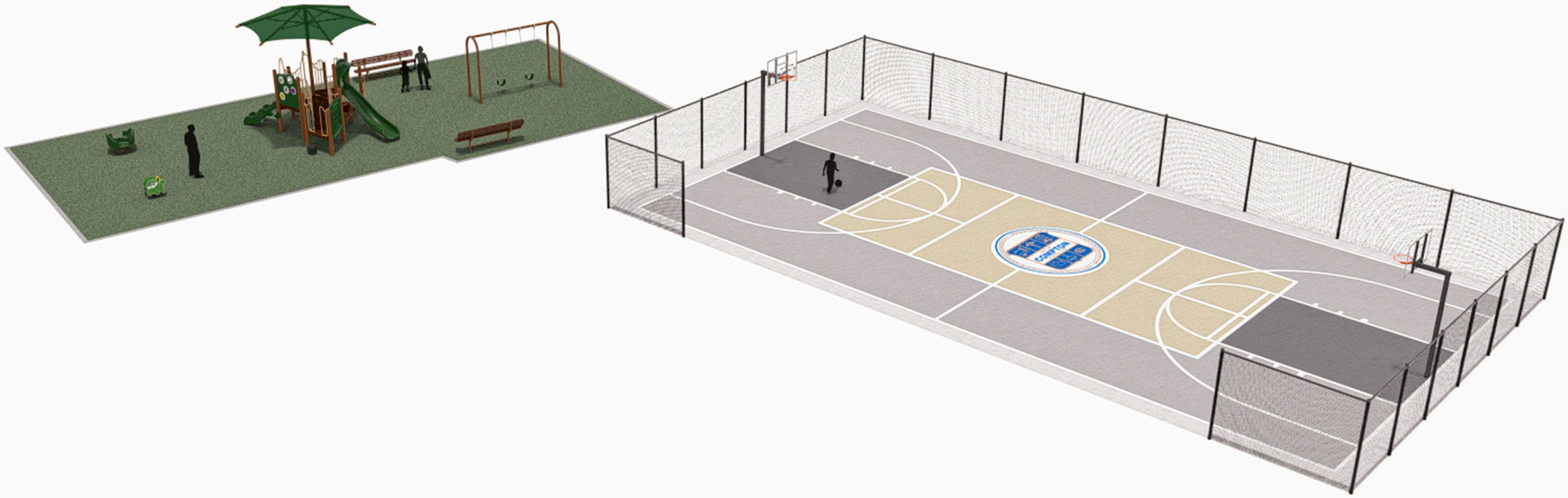
06-19-2025
Job # 114697-01

Tragniew Park Playground Option 3A

GameTime
A PLAYCORE Company

858-344-0445 | www.gwpark.com

Tragniew Park Playground - Project 114697-01-Opt 3
Compton, CA



P: (435) 245-5055 / F: 435 245-5057 Nate@gwpark.com

GREAT WESTERN RECREATION

Tragniew Park Playground - Project 114697-01-Opt 3
Compton, CA

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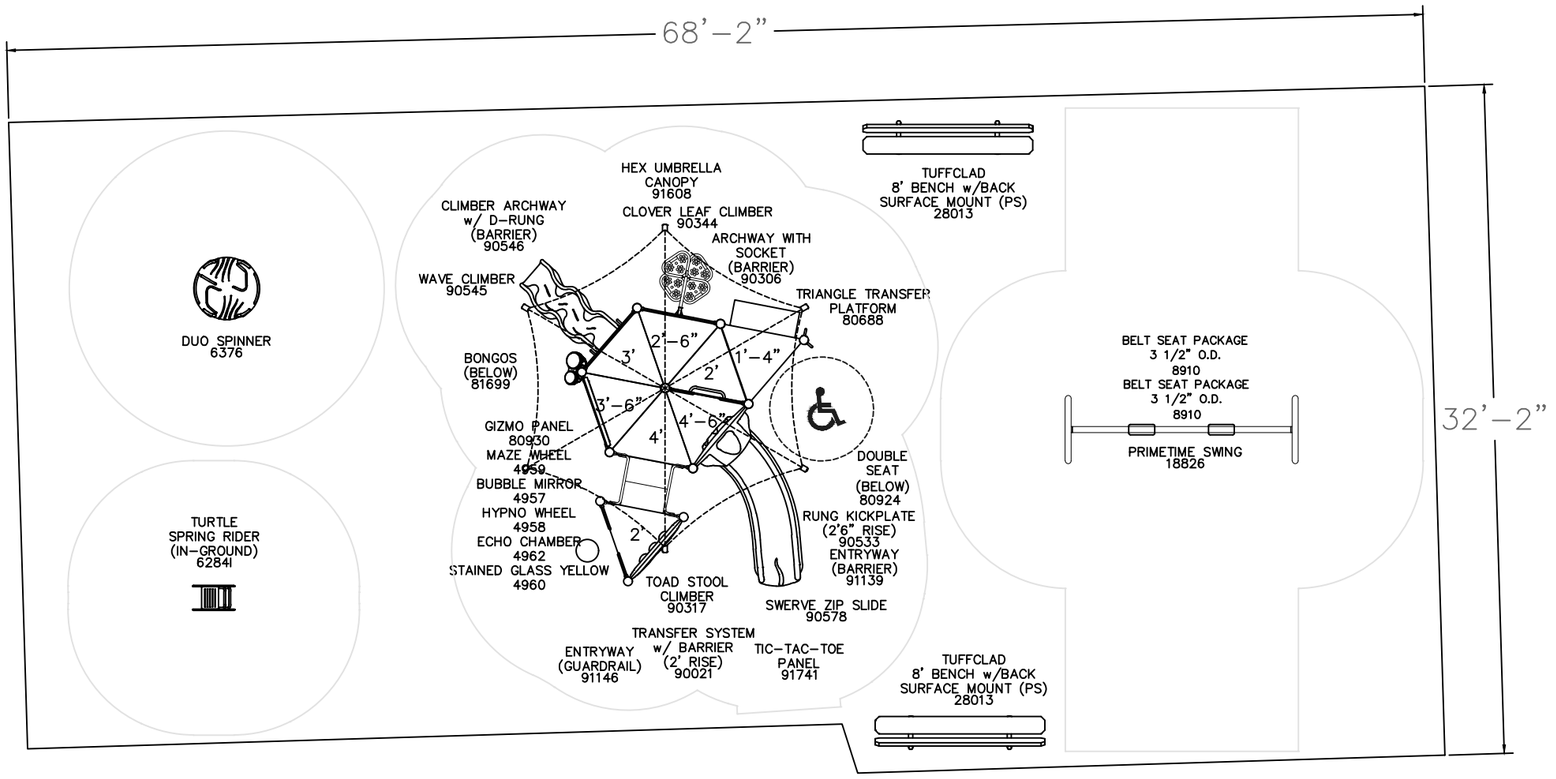
GREAT WESTERN
RECREATION



AREA: PLAYGROUND
SF:2113
LF:200

GREAT WESTERN RECREATION

ISO 9001 CERTIFIED

ISO 14001 CERTIFIED

City of Compton
Tragniew Park Playground
Compton, CA

Representative
Great Western Recreation

SALES REP
NATE YOUNKER
858-344-0445
NATE@GWPARK.COM

Total Elevated Play Components	6		
Total Elevated Play Components Accessible By Ramp	-	Required	-
Total Elevated Components Accessible By Transfer	7	Required	4
Total Accessible Ground Level Components Shown	5	Required	2
Total Different Types Of Ground Level Components	3	Required	2

This play equipment is recommended for children ages
2-5

Minimum Area Required:
-

Scale: -
This drawing can be scaled only when in an 18" x 24" format

IMPORTANT: Soft resilient surfacing should be placed in the use zones of all equipment, as specified for each type of equipment, and at depths to meet the critical fall heights as specified by the U.S. consumer Product Safety Commission, ASTM standard F 1487 and Canadian Standard CAN/CSA-Z-614

Drawn By:
BW

Date:
4/8/25

Drawing Name:
114697-01-Opt 3

GameTime C/O Great Western Recreation
P.O. Box 680121
Fort Payne, AL 35967
Office: 435-245-5055 Fax: 435-245-5057
www.gwpark.com

06/19/2025
Quote #
114697-01-06

Tragniew Park Playground Option 3A

City of Compton
Attn: Arturo Gonzalez
301 North Tamarind Ave
Compton, CA 90220
United States

Ship to Zip 90220

Qty	Part #	Description	List $	Selling $	Ext. Selling $
		Playground Area			
1	RDU	GameTime - Custom 5-12 Playground - • Drawing Reference #114697-01-Opt 3	$45,858.00	$36,419.69	$36,419.69
1	RDU	GameTime - Swings - • Drawing Reference #114697-01-Opt 3	$2,748.00	$2,562.08	$2,562.08
1	6376	GameTime - Duo Spinner	$2,751.00	$2,310.84	$2,310.84
2	28013	GT-Site - 8' P/S Bench W/Back S/M	$1,564.00	$1,517.08	$3,034.16
1	6284I	GameTime - Turtle Spring Rider	$1,459.00	$1,225.56	$1,225.56
2113	ENDURAFLEX	GT-Impax - ENDURAFLEX- ****List Price $76,325.69, discounted per (OMNIA) Contract** • Quote includes 2,113 sf of EnduraFlex with a color mix of 50% Black and 50% Standard Color TBD with AROMATIC urethane binder. • Standard colors include Blue, Green, Red, and Beige. • Quote includes a 3.75" system comprised of a 3.25" cushion layer and a 0.5" wear layer accounting for up to a 8' fall height. Prevailing Wages Quote does not include: - Bonds (Rate: 2.5%) - Security fencing - Dumpster - Site prep - Subbase prep	$29.62	$29.62	$62,587.06
1	INSTALL	Install - Mobilization- Prevailing - Provide 350 LF of Temp Fence - Provide Sanitation Facilities for duration of project	$4,999.00	$4,999.00	$4,999.00
1	INSTALL	Install - Demolition- Prevailing Wages - Remove and dispose of existing EWF to depth of 12” (playground area) – 1,063 - Remove and dispose of existing PIP. - 1,050 SF - Remove and dispose of existing equipment - Includes Removal of all Trash and Spoil - Includes all Labor & Material	$22,518.00	$22,518.00	$22,518.00

GameTime C/O Great Western Recreation
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06/19/2025
Quote #
114697-01-06

Tragniew Park Playground Option 3A

Qty	Part #	Description	List $	Selling $	Ext. Selling $
1	INSTALL	Install - Concrete Subbase- Prevailing Wages - Furnish and Install 1,063 SF of 4” Concrete Base for new PIP - Furnish and Install 1,063 SF of 5” of recycled concrete base for new Concrete - Includes Removal of all Trash and Spoil - Includes all Labor & Material	$16,730.00	$16,730.00	$16,730.00
1	INSTALL	Install - Equipment Install – Option 2 (Hexagon Shade)- Prevailing Wages - Install GameTime Equipment per Drawing - Price calculated as a percent to equipment cost - Includes Removal of all Trash and Spoil - Includes all Labor & Material	$22,106.28	$22,106.28	$22,106.28
		Basketball Area			
3	28013	GT-Site - 8' P/S Bench W/Back S/M	$1,564.00	$1,517.08	$4,551.24
2	FT222	Other Product 1 - Basketball Backboards	$1,170.00	$975.00	$1,950.00
2	FT186	Other Product 1 - Heavy Duty Flex Basketball Rim	$288.00	$240.00	$480.00
3600	SPORTFLEXPLUS	GT-Impax - SPORTFLEX PLUS- ****List Price $56,546.35, discounted per (OMNIA) Contract** Quote includes 3.600 sf of SportFlex Plus acrylic sport court surfacing consisting of the following scope: 50' x 45' Court 1. Repair and patch cracks and expansion joints as needed. 2. Acid wash and then wash and clean slab. 3. Install acrylic adhesion promoter. 4. Install acrylic resurfacer. 5. Install two (2) color coats. 6. Color to be Grey, Black and Beige. 7. Layout and stripe One (1) Basketball court and One (1) Pickle Ball Court with white line marking paint. Prevailing Wages	$12.88	$12.88	$46,368.00
1	LOGO	GT-Impax - City of Compton Logo- ****List Price $5,212.20, discounted per (OMNIA) Contract** Quote includes the additional cost of City of Compton Logo. Prevailing Wages	$4,274.00	$4,274.00	$4,274.00
1	INSTALL	Install - Mobilization- - Provide 280 LF of Temp Fence Prevailing Wages	$2,664.00	$2,664.00	$2,664.00
1	INSTALL	Install - Demolition- - Demo and Remove 3,800 SF of Existing Concrete - Includes Removal of all Trash and Spoil - Includes all Labor & Material Prevailing Wages	$12,441.00	$12,441.00	$12,441.00

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Quote #
114697-01-06

Tragniew Park Playground Option 3A

Qty	Part #	Description	List $	Selling $	Ext. Selling $
1	INSTALL	Install - Concrete Slab- - Furnish and Install 3,800 SF of Concrete Slab @ 4” - Rebar to be Installed at 18” O.C - Includes Removal of all Trash and Spoil - Includes all Labor & Material Prevailing Wages	$43,871.00	$43,871.00	$43,871.00
1	INSTALL	Install - Bench Install- - Install Three (3) In Ground Benches - Includes Removal of all Trash and Spoil - Includes all Labor & Material Prevailing Wages	$2,942.00	$2,942.00	$2,942.00
1	INSTALL	Install - Concrete Slab for Benches- - Furnish and Install 48 SF of Concrete Salb for New Benches - Includes Removal of all Trash and Spoil - Includes all Labor & Material Prevailing Wages	$2,857.00	$2,857.00	$2,857.00
Contract: OMNIA #2017001134				**Sub Total**	$296,890.91
				Material Surcharge	$1,867.19
				GameTime Freight	$4,262.10
				Other Product 1 Freight	$690.00
				Tax	$5,848.08
				Total	**$309,558.28**

Comments

Your Sales Rep is Nate Younker. Please reach out to Nate at 858-344-0445 if you should have any questions regarding this quote.

Due to the volatility of freight costs, the freight pricing is subject to change at the time of order.

Pricing is subject to change. Request updated pricing when purchasing from quotes more than 30 days old.

*****OPTIONAL-To include a Payment and Performance Bond, please add $4,727.**

Shipping to Site Address:
2121 W Alondra Blvd.
Compton, CA 90220

*Freight charges are based on listed zip code and are subject to change if shipping information changes.

*Deposit may be required.

Permitting not included, unless otherwise noted.

Customer is responsible for offloading.

Prevailing Wages

Omnia Contract #4001540

****Material Surcharge reflects raw material price increase. Subject to change at time of order.****

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06/19/2025
Quote #
114697-01-06

Tragniew Park Playground Option 3A

Remit Payment to:
GameTime
P.O. Box 680121
Fort Payne, AL 35968

Taxes:
All applicable taxes will be added at time of invoicing unless otherwise included or a tax-exempt certificate is provided.
If sales tax exempt, you must provide a copy of certificate to be considered exempt.

Prices:
FOB Factory.

Orders:
All orders shall be in writing by purchase order, contract, or similar document made out to PlayCore Wisconsin Inc., dba GameTime.
Standard GameTime equipment orders over $100,000 may require a deposit of 25% at the time of order and an additional 25% at or before order ships
Standard orders with equipment, installation and surfacing are requested to be split billed.
Equipment, Taxes & Freight as noted above
Installation and Surfacing billed as completed and Due Upon Receipt.

Terms:
Cash With Order Discount (CWO): Orders for GameTime equipment paid in full at time of order via check, Electronic Funds Transfer (ACH or wire) are eligible for a three percent (3%) cash with order discount.
Payment via credit card: If you elect to pay by credit card, GameTime charges a 2.50% processing fee that is assessed on the amount of your payment. This fee is shown as a separate line item and included in the total amount charged to your credit card. You have the option to pay by check, ACH or Wire without any additional fees.
Credit terms are Net 30 days, subject to approval by the GameTime Credit Manager. A completed credit application must be submitted and approved prior to the order being received. Please allow at minimum 2 days for the credit review process. GameTime may also require:
Completed Project Information Sheet (if applicable)
Copies of Payment and Performance Bonds (if applicable)
A 1.5% per month finance charge will be imposed on all past due invoices.
Retainage not accepted.
Orders under $5,000 require payment with order.

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06/19/2025
Quote #
114697-01-06

Tragniew Park Playground Option 3A

ACCEPTANCE OF QUOTATION:

Billing and Shipping information will be as stated on quote unless indicated below.

Change billing information to:

Address: _____

_____

Contact: _____

Change shipping information to:

Address: _____

_____

Contact: _____

Colors: Per Renderings Yes or No

Palette _____

Per Submittals _____

Other Colors, please specify _____
_____
_____
_____

Purchase Amount: **$309,558.28**

Signature: _____ **Date:** _____
Printed Name: _____ **Title:** _____
Acceptance of this proposal indicates your agreement to the terms and conditions stated herein.

DIR# 1000015526 CSLB#855664

GameTime C/O Great Western Recreation
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06/19/2025
Quote #
114697-01-06

Tragniew Park Playground Option 3A

INSTALLATION CONDITIONS:

- **ACCESS:** Site should be clear, level and allow for unrestricted access of trucks and machinery.
- **STORAGE:** Customer is responsible for providing a secure location to off-load and store the equipment during the installation process. Once equipment has delivered to the site, the owner is responsible should theft or vandalism occur unless other arrangements are made and noted on the quotation.
- **FOOTER EXCAVATION:** Installation pricing is based on footer excavation through earth/soil only. Customer shall be responsible for unknown conditions such as buried utilities (public & private), tree stumps, rock, or any concealed materials or conditions that may result in additional labor or materials cost.
- **UTILITIES:** Owner is responsible for locating any private utilities.
- **ADDITIONAL COSTS:** Pricing is based on a single mobilization for installation unless otherwise noted. Price includes ONLY what is stated in this quotation. If additional site work or specialized equipment is required, pricing is subject to change.

SERVICE AGREEMENT BETWEEN THE CITY OF COMPTON AND GAMETIME C/O GREAT WESTERN RECREATION REGARDING THE PLAYGROUND EQUIPMENT BASKETBALL COURT REPLACEMENT SERVICES AT TRAGNIEW PARK

This **AGREEMENT** is made by and between the **CITY OF COMPTON**, a municipal corporation of the State of California (hereinafter referred to as **"CITY"**) located at 205 South Willowbrook Avenue, Compton, California 90220, and **GAMETIME C/O GREAT WESTERN RECREATION (**hereinafter referred to as "**CONTRACTOR")** located at P.O.BOX 680121, Fort Payne, AL 35967, pursuant to Resolution No. XX,XXX, adopted by the City Council on Month, Day, 2025.

WITNESSETH:

That the City and Contractor, for the consideration, terms and conditions herein described, mutually agree as follows:

1. Services to be performed by Contractor: Contractor shall perform, in a professional manner, everything required to be performed, shall provide and furnish all the labor, materials, necessary tools, expendable equipment and all utility and transportation services for providing playground equipment and basketball court replacement/installation services at Tragniew Park in the City of Compton. Specifically, Contractor shall provide and perform the following services at the park aforementioned:

SCOPE OF SERVICES

- Contractor to install a concrete base:
  - Furnish and install 1,063 SF of 4" concrete base for new PIP
  - Furnish and install 1,063 SF of 5" of recycled concrete base for new concrete
  - Includes removal of all trash and spoil
  - Includes all labor and material
- Contractor to install equipment – Hexagon Shade (option 2)
  - Install GameTime equipment per drawing
  - Includes removal of all trash and spoil
  - Includes all labor and material
- Basketball area:
  - GT – site – 8' P/S bench with back S/M
  - Basketball backboards
  - Heavy Duty Flex basketball rim
  - 3.600 SF of SportFlex Plus acrylic sport court surfacing consisting of:
    - 50' X 40' court
    - Repair and patch cracks and expansion joints as needed
    - Acid wash and then wash and clean slab
    - Install acrylic adhesion promoter and acrylic resurfacer

  - Install two (2) color coats
  - Color to be Grey, Black, and Beige
  - Layout and stripe one (1) basketball court and one (1) pickleball court with white line marking pint
- Install City of Compton Logo
- Provide 280 LF of temporary fencing
- Demolition:
  - Demo and remove 3,800 SF of existing concrete
  - Includes removal of all trash and spoil
  - Includes all labor and material
- Install concrete slab
  - Furnish and install 3,800 SF of concrete slab at 4”
  - Rebar to be installed at 18” O.C
  - Includes removal of all trash and spoil
  - Includes all labor and material
- Install bench
  - Install three (3) in-ground benches
  - Includes removal of trash and spoil
  - Includes all labor and material
- Install concrete slab of benches
  - Furnish and install 48SF of concrete slab for new benches
  - Includes removal of trash and spoil
  - Includes all labor and material

Contractor agrees to perform all the said work and furnish all the said materials at its own cost and expense, as are necessary to complete in a good worker-like and substantial manner and to the satisfaction of the City**.** Contractor shall bear all costs associated with this work, including, but not limited to all professional, technical, clerical services, materials, tools, equipment, transportation, telephone, etc., used by Contractor in connection with this work.

Contractor will be responsible for employing or engaging all persons necessary to perform the services. All of Contractor's staff will be qualified by training and experience to perform their assigned tasks. Contractor will give its personal attention to the fulfillment of the provisions of this Agreement by all of its employees and subcontractors, if any, and will keep the services under its control.

1.1 Key Personnel.

a) **Contractor’s Representative.** Contractor hereby designates **Nate Younker, Territory Representative** as Contractor’s Representative, who shall be deemed to be Contractor’s agent with express authority to bind Contractor with respect to all matters requiring Contractor’s approval or authorization.

b) **City's Representative.** City hereby designates **Bryan Spragg**, **Director of the Parks and Recreation Department** or his/her designated representative as City's Representative for this Agreement.

2. Term of Agreement. Contractor agrees to commence the services provided for herein upon written Notification to Proceed from the City and to continue in a diligent and professional manner for the duration of the term of this agreement from July 2025 to September 2025; unless this Agreement is terminated as provided herein.

Contractor will generally adhere to the schedule set forth within Contractor's Proposal provided that City will grant reasonable extensions of time for the performance of the services occasioned by unusually lengthy governmental reviews of Contractor's work product or other unavoidable delays occasioned by unforeseen circumstances; provided, further that such unavoidable delay will not include strikes, lockouts, work stoppages, or other labor disturbances conducted by, or on behalf of Contractor's officers or employees.

Contractor acknowledges the importance to City of Compton's project schedule and agrees to put forth its best professional efforts to perform the services in a manner consistent with the schedule. City understands, however, that Contractor's performance must be governed by sound practices. Contractor will work such overtime or engage such personnel and equipment as necessary to maintain the schedule, without additional compensation.

3. Compensation. Contractor agrees to provide all professional services at the following rate: $309,558.28 total compensation for services rendered. The method of payment for these services will be billed on an invoice basis, paid at the completion of each task/phase of the project or at the completion of services. The total price paid the Contractor will include compensation for all work, including travel, materials, supplies, vendor services, expenses and subcontracted work. The fees charged by the Contractor shall include compensation for all work and labor, including travel, materials, supplies, vendor services, expenses and subcontracted work. No additional compensation will be paid to the Contractor, unless there is a change in the scope of the work or the scope of the project.

In the instance of a change in the scope of work or scope of the project, adjustment to the total compensation will be negotiated between the Contractor and the City. Adjustment in the total compensation will not be effective until authorized by written approval by the City and Contractor. Progress payments may be made in arrears for services provided by the Contractor. If Contractor fails to complete the work according to schedule and as agreed, the City shall have the right to delay payment and/or terminate this Agreement in accordance with the provisions noted herein.

Contractor shall be reimbursed within thirty (30) days, or as promptly as fiscal procedures may permit, upon receipt by the City of itemized invoice(s) for all services completed. Invoice(s) shall be submitted no later than 45 calendar days after the performance of work for which the Contractor is billing. Invoice(s) shall be delivered or mailed to the City Controller Department at the following address: **City of Compton, 205 South Willowbrook Avenue, Compton, California 90220.**

The Contractor is required to comply with all federal, state and local laws and ordinances applicable to the work.

For the work agreed to be performed pursuant to this Agreement, it is understood between the parties that the maximum compensation payable to the Contractor for any and all services rendered during the term of this Agreement is limited to **Three Hundred Nine Thousand Five Hundred Fifty-eight Dollars and Twenty-eight Cents, ($309,558.28).**

In the event of termination, the Contractor shall be entitled to non-disputed compensation for the reasonable value of services performed to the effective date of termination; provided, however, that the City may condition payment of such compensation upon the Contractor's delivery to the City of any and all City property, documents, reports, records and material associated with the performance of this Agreement.

4. Safety.

4.1 Contractor shall have overall responsibility for safety precautions and programs in the performance of the services.

4.2 Contractor shall seek to avoid injury, loss or damage to persons or property by taking reasonable steps to protect:

a) Employees and all other persons at the location where services are rendered ("Site"); and

b) Materials and equipment stored on the Site or off the Site at locations for use in performance of the work; and

c) The assigned project Site and all property located at the Site, whether or not said property or structures are part of the project or involved in the work.

4.3 Contractor shall designate an individual at the Site of the assigned project in the employ of Contractor who shall act as Contractor's designated safety representative with a duty to prevent accidents.

4.4 Losses not insured under property insurance which may arise from the performance of the work, to the extent of the negligence attributed to such acts or omissions of Contractor or anyone for whose acts Contractor may be liable, shall be promptly remedied by Contractor at Contractor's cost and without reimbursement by City as a cost of work, or in any other manner.

4.5 If City deems any part of the work or Site unsafe, City may require Contractor, without assuming responsibility for Contractor's safety program, to immediately stop performance of the work or take corrective measures. Neither City's order nor Contractor's action in response thereto shall be the basis for adjustment in the contract price or contract time.

4.6 Contractor shall immediately notify the City of any illegal dumping of hazardous materials and other emergency public safety issues observed at the Sites were services are performed.

5. **Indemnity.** Contractor shall indemnify and save harmless the City**,** its officials, officers, employees, agents and volunteers (collectively hereafter the "CITY") against any and all damages to property or injuries to or death of any person or persons, including property and employees or agents of the City and shall defend, indemnify and save the City from any and all liability or expense, including defense costs and legal fees, and claims, demands, suits, actions or proceedings of any kind or nature, including Worker's Compensation claims, of or by anyone whomsoever in any way resulting from or arising out of the negligent or intentional acts or omissions of the Contractor in the performance of this Contract, including operations of subcontractors and acts or omissions of employers or agents of the Contractor or its subcontractors.

This indemnification, and hold harmless obligation, does not extend to claims arising out of the sole negligence or willful misconduct of the City.

6. **Insurance.** The Contractor shall not commence work under this Contract until it has provided evidence satisfactory to the City that it has secured all insurance required under this section. In addition, Contractor shall not allow any subcontractor to commence work on any subcontract until it has secured all insurance required under this section.

As a condition precedent to the effectiveness of this Contract for work to be performed hereunder and without limiting the Contractor's indemnification of the City, Contractor shall provide and maintain at its own expense during the term of this Agreement the following program(s) of insurance covering its operations hereunder. ***Failure on the part of the Contractor to procure or maintain insurance shall constitute a material breach upon which the City may immediately terminate this Agreement.*** Contractor agrees to suspend and cease all operations hereunder during such period of time as the required insurance coverage is not in effect and evidence of insurance has not been furnished to the City.

6.1 Minimum Scope of Insurance. Insurance coverage specified herein constitutes the minimum requirements and said requirements shall in no way lessen or limit the liability of the Contractor under the terms of the Agreement. Contractor shall procure and maintain, at its own costs and expense, any additional kinds and amounts of insurance that, in its own judgment, may be necessary for its proper protection of the work.

All insurance required hereunder shall be primary with respect to any insurance maintained by the City and shall not call on the City's program for contributions. Program(s) of insurance shall include:

a) **Commercial General Liability.** Contractor shall provide and maintain at its own expense during the term of this Agreement a policy of Commercial General Liability Insurance, inclusive of personal injury liability and broad form property damage coverage, in an amount not less than **Two Million Dollars ($2,000,000.00)** per occurrence. The coverage shall be written on an occurrence basis. Claims made coverage is not acceptable.
b) **Automobile Liability.** When applicable, a program of insurance with a limit of liability of not less than **One Million Dollars ($1,000,000.00)** for each accident. Such insurance shall include coverage for all "owned", "hired" and "non-owned" vehicles, or coverage for "any auto".
c) **Workers' Compensation.** Workers' Compensation Insurance, as required by the State of California and Employer's Liability Insurance, with a limit of not less than **One Million Dollars ($1,000,000.00)** per accident for bodily injury and disease. Workers' Compensation and Employer's Liability insurance may not be required if Contractor has no employees and provides, to City's satisfaction, a declaration stating this.

6.2 Endorsements. Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the City for approval.

a) The policy of insurance required by Section 6.1.a (Commercial General Liability) shall be endorsed to provide the following:

(1) Additional Insured: The City, its officials, officers, employees, agents, and volunteers shall be named as ***"additional insured"*** with regard to liability and defense of suits or claims arising out of the performance of the Agreement.

(2) Cancellation: Required insurance policies shall not be canceled or the coverage reduced until a thirty (30) day written notice of cancellation has been served upon the City, except ten (10) days written notice shall be provided for non-payment of premium.

b) The policy of insurance required by Section 6.1.b (Automobile Liability) shall be endorsed to provide the following:

(1) Cancellation: Required insurance policies shall not be canceled or the coverage reduced until a thirty (30) day written notice of cancellation has been served upon the City, except ten (10) days written notice shall be provided for non-payment of premium.

c) The policy or policies of insurance required by Section 6.1.c (Workers' Compensation) shall be endorsed to provide the following:

(1) Waiver of Subrogation: A waiver of subrogation stating that the insurer waives all rights of subrogation against the indemnified parties.

(2) Cancellation: Required insurance policies shall not be canceled or the coverage reduced until a thirty (30) day written notice of cancellation has been served upon the City, except ten (10) days written notice shall be provided for non-payment of premium.

6.3 Waiver of Subrogation. Required insurance coverages shall not prohibit Contractor from waiving the right of subrogation prior to a loss. Contractor shall waive all subrogation rights against the indemnified parties. Policies shall contain or be endorsed to contain such provisions.

6.4 Deductible. Any deductible or self-insured retention must be approved in writing by the City and shall protect the indemnified parties in the same manner and to the same extent as they would have been protected had the policy or policies not contained a deductible or self-insured retention.

6.5 Evidence of Insurance. The Contractor, concurrently with the execution of the Contract, and as a condition precedent to the effectiveness thereof, shall deliver certified copies of the required policies to the City. The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf. At least fifteen (15) days prior to the expiration of any such policy, evidence of insurance showing that such insurance coverage has been renewed or extended shall be filed with the City. If such coverage is cancelled or reduced, Contractor shall, within ten (10) days after receipt of written notice of such cancellation or reduction of coverage, file with the City evidence of insurance showing that the required insurance has been reinstated or has been provided through another insurance company or companies.

6.6 Acceptability of Insurers. Each such policy shall be from a company or companies with a current A.M. Best's rating of no less than A:VII and authorized to do business in the State of California, or otherwise allowed to place insurance through surplus line brokers under applicable provisions of the California Insurance Code or any federal law.

6.7 Insurance for Subcontractors. All subcontractors shall be included as additional insureds under the Contractor's policies, or the Contractor shall be responsible for causing subcontractors to purchase the appropriate insurance in compliance with the terms of these Insurance Requirements, including adding the City as an ***"additional insured"*** to the subcontractor's policies.

7. Nondiscriminatory Employment Practices. During the performance of this Contract, the Contractor agrees not to discriminate against any employee or applicant for employment because of race, sex, creed, color, religion, age, sexual orientation, marital status, national origin, political affiliation, handicap or belief in accordance with requirements of City, State or Federal laws and regulations. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, sex, creed, color, religion, age, sexual orientation, marital status, national origin, political affiliation, handicap or belief. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoffs or termination; rates of pay or other forms of compensation and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth provisions of this nondiscrimination clause.

In the event of the Contractor's noncompliance with the nondiscrimination clauses of this Contract, this Contract may be canceled, terminated or suspended in whole or in part.

8. Successor and Assigns. City and the Contractor each binds themselves, their partners, successors, assigns and legal representatives to the other party hereto and to partners, successors, assigns and legal representatives of such other party in respect to all covenants, agreements and obligations contained in the Contract Documents. Neither party to the Agreement shall assign the Contract or sublet it in whole or part without the written consent of the other, nor shall the Contractor assign any monies due or to become due to it hereunder, without the previous written consent of the City. Any attempted assignment of this Contract without the written consent of both parties is void.

9. Independent Contractor Status. Contractor, its officers, employees, subcontractors, agents and volunteers (collectively hereinafter the "Contractor"), is a wholly independent Contractor and not an officer, employee, subcontractor or agent of the City. Neither the City nor any of its officers, employees, agents or volunteers shall have any control over the conduct of the Contractor, except as expressly set forth in this Agreement. Contractor expressly warrants that while engaged in carrying out and complying with any terms and conditions of this Agreement that Contractor shall not at any time or in any manner, represent that Contractor is in any manner officers, employees, agents or volunteers of the City. Contractor shall obtain no rights to retirement, health care or any other benefit that accrue to City officials, officers, or employees. Contractor expressly waives any claim to such rights.

10. Subcontracting. Except as may be agreed to by the City, Contractor will not subcontract any portion of the services without prior written approval of City Manager or his/her designee. If Contractor subcontracts any of the services, Contractor will be fully responsible to City for the acts, errors and omissions of Contractor's subcontractor and of the persons either directly or indirectly employed by the subcontractor, as Contractor is for the acts and omissions of persons directly employed by Contractor. Nothing contained in this Agreement will create any contractual relationship between any subcontractor of Contractor and City. Contractor will be responsible for payment of subcontractors. Contractor will bind every subcontractor and every subcontractor of a subcontractor by the terms of this Agreement applicable to Contractor's work unless specifically noted to the contrary in the subcontract and approved in writing by City.

11. Other Contractors. The City reserves the right to employ other Contractors in connection with the services.

12. Permits and Licenses. Contractor, at its sole expense, shall obtain and maintain during the term of this Agreement, all appropriate business and professional permits, licenses and certificates that may be required in connection with the performance of services by Contractor.

Prior to, or at the time of execution of this Agreement, the Contractor shall purchase a business license permit in conformance with *Section 9-1.2* of the *Compton Municipal Code*.

13. Termination. Notwithstanding any other provisions of this Agreement, this Agreement may be terminated as follows:

13.1 If the Contractor becomes insolvent; that is, it has ceased to pay its debts in the ordinary course of business or cannot pay its debts as they become due, whether or not it has committed an act of bankruptcy, and whether or not insolvent within the meaning of the federal Bankruptcy law, then, the City may, without prejudice to any other right or remedy and after giving the Contractor five (5) days written notice, terminate this Agreement.

13.2 If the Contractor persistently or repeatedly refuses or fails, except in cases for which extensions of time are provided, to supply enough properly skilled workers, property or material, or if he fails to make prompt payment to subcontractors or for materials or labor, or he persistently disregards laws, ordinances, rules, regulations or orders of any public authority having

jurisdiction, then, the City may, without prejudice to any other right or remedy and after giving the Contractor five (5) days written notice, terminate this Agreement.

13.3 If the Contractor fails to perform or breaches any material obligation under this Agreement, then, the City may, without prejudice to any other right or remedy and after giving the Contractor five (5) days written notice, terminate this Agreement.

If the City gives notice of termination, Contractor shall cease immediately all work in progress unless otherwise directed in writing by the City. Upon termination, Contractor shall furnish to the City a final invoice for work performed.

14. Force Majeure. In the event that performance by either party is rendered impossible (permanently or temporarily) due to acts of war, acts of terrorism, fires, floods, epidemics, quarantine restrictions, or other natural occurrences, strikes, work slowdowns, lockouts (other than lockout by Contractor or any of Contractor's subcontractors), or other similar acts to those described above or other causes beyond the reasonable control of such party, and without fault or negligence, said event shall excuse performance by such party, or in the case of temporary impossibility, shall excuse performance only for a period commensurate with the period of impossibility. Notwithstanding the foregoing, City shall have the right to terminate this Contract upon any event that renders performance impossible. In such case, City shall be responsible for payment of all expenses incurred to the point at which this Contract is terminated.

15. Waivers. A waiver by either party to this Agreement of any breach of any term, covenant or condition contained herein shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant or condition contained herein, whether of the same or a different character.

16. Amendments. This Agreement may be modified or amended only by written document executed by both Contractor and City's City Manager and approved as to form by the City Attorney. Such document shall expressly state that it is intended by the parties to amend the terms and conditions of this Agreement.

17. Notice. All notices, demands or requests to be given under this Agreement shall be given in writing and conclusively shall be deemed received when: (a) delivered personally, or (b) on the fifth day after the deposit thereof in the United States mail,

postage prepaid and addressed as hereinafter provided, or (c) one business day after sent by facsimile transmission.

Contractor:	**GameTime C/O Great Western Recreation** **P.O. Box 680121** **Fort Wayne, AL 35967** **(435) 245-5055**
City:	**City of Compton** **205 South Willowbrook Avenue** **Compton, CA 90220** **Attn: Bryan Spragg, Director of Recreation** **(310) 605-3060**
With copy to:	**City of Compton** **205 South Willowbrook Avenue** **Compton, California 90220** **Attn: City Manager**

18. Contractor's Books and Records. Contractor shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to work, services, expenditures and disbursements charges to the City for the period and to the extent required by laws relating to audits of public agencies and their expenditures.

Contractor shall maintain all documents and records which demonstrate performance under this Agreement for the period and to the extent required by laws relating to audits of public agencies and their expenditures.

Any records or documents required to be maintained pursuant to this Agreement shall be made available for inspection or audit, at any time during regular business hours, upon written request by the City or a designated representative. Copies of such documents shall be provided to the City, at its expenses, for inspection when it is practical to do so. Otherwise, unless an alternative is mutually agreed upon, the records shall be available at Contractor's address indicated for receipt of notices in this Agreement.

19. Examination and Audit. This Contract shall be subject to examination and audit of the City**,** State Auditor of the State of California and/or any duly authorized representative of the federal government, at the request of the City, or as part of any audit of the City, for a period of three (3) years, or longer if required by law, after final payment under this Agreement.

20. Extent of Agreement. This Agreement and any attachments hereto, constitute the entire understanding and agreement of the parties. This Agreement integrates all of the terms and conditions mentioned herein or incidental hereto and supersedes all negotiations or previous agreements between the parties with respect to all and any part of the subject matter hereof. Neither party has been induced to make or enter into this Agreement by reason of promise, agreement, representation, statement or warranty other than as herein contained. Nothing in this Agreement shall create any contractual relations between any subcontractor and the City.

21. Governing Law, Jurisdiction and Venue. This Agreement shall be governed by and construed under the laws of the State of California. In the event of litigation between the parties, venue shall lie exclusively in a court of competent jurisdiction in the County of Los Angeles, state of California, and the Parties waive all provisions of law providing for a change of venue in these proceedings to any other county.

Should any part of this Agreement be declared by a final decision by a court or tribunal of competent jurisdiction to be unconstitutional, invalid, or beyond the authority of either party to enter into or carry out, such decision shall not affect the validity of the remainder of this Agreement, which shall continue in full force and effect, provided that the remainder of this Agreement, absent the unexcised portion, can be reasonably interpreted to give effect to the intentions of the parties.

22. Waiver of Jury Trial. Contractor voluntarily waives its right to a jury trial of any cause of action, claim, counter-claim or cross-complaint in any action, proceeding or hearing on any matter whatsoever arising out of, or in any way connected with, this Agreement, the relationship between City and Contractor, Contractor's performance on each project, or the enforcement of any remedy under any law, statute or regulation now or hereafter in effect. Contractor shall include this provision for waiver of jury trial right in its contracts with its subcontractors who provide work on any assigned projects, waiving the right of a jury trial in any action involving City as a party, whether by joinder, consolidation, counter-claim, cross-complaint or otherwise.

23. **Federal and State Withholding Taxes.** Contractor shall be responsible for paying when due all federal and state income withholding taxes for all earning under this Agreement. Contractor agrees to indemnify City for any claims, costs, losses, fees, penalties, interest, or damages suffered by City resulting from Contractor's failure to comply with this provision. Contractor shall be responsible for paying all federal and state income withholding taxes for all earning under this Agreement.

24. **Miscellaneous.** No provision of this Agreement is to be interpreted for or against either party because that party or that party's legal representative drafted such provision.

Should either party hereto, or any representative, successor or assign of either party hereto, resort to litigation to enforce the provisions of this Agreement, the party or parties prevailing in such litigation shall be entitled, in addition to such other relief as may be granted, to recover its or their reasonable attorney's fees and costs in such litigation from the party or parties against whom enforcement is sought.

IN WITNESS WHEREOF, Contractor has executed this Agreement and the **City**, by its City Manager, who is authorized to do so, has executed this Agreement.

GameTime C/O Great Western Recreation

By: _____ **Dated:_____**

Nate Younker, Territory Representative

City of Compton

By: _____ **Dated:_____**

Bryan Spragg, Director of Parks & Recreation

Approved by:

By: _____ Dated:_____

Willie A. Hopkins Jr., City Manager

Approved as to form:

By: _____ Dated:_____

Legal Division

ATTEST:

By: _____ Dated:_____

Satra D. Zurita, City Clerk