



City Of Vacaville

Monthly Report

January 2021

TO: Honorable Mayor and City Council

FROM: Aaron Busch, City Manager

The items being reported below are for the month of December.

CITY MANAGER

ECONOMIC DEVELOPMENT

Economic Recovery Strategy and Tourism Recovery Strategy

Vacaville COVID Recovery Strategy and Tourism Strategy Finalized and will be Presented at the February 9 City Council Meeting.

The City of Vacaville and Visit Vacaville have both completed recovery strategies in response to the COVID-19 pandemic. The first strategy prepared by the City of Vacaville is the Vacaville COVID-19 Economic Recovery Strategy. This strategy identifies paths for the city and businesses to pursue in response to the pandemic as businesses recover. The strategy covers all of Vacaville's key industries and is a practical plan to help businesses move forward during these difficult times. Similarly, the City's partner, Visit Vacaville, recently completed a Vacaville Tourism Recovery Strategy. This strategy provides a framework for short-term actions Visit Vacaville can take as it continues to recover from the effects on travel due to COVID-19 closures and regulations. The plan was crafted using a variety of data, information and insight collected. The strategy plots a course of immediate actions for Visit Vacaville to take for recovery. The strategy also seeks to rebuild or strengthen Vacaville's tourism industry and make it more resilient. Both strategies will be presented at the February 9 City Council Meeting and will be available online.

INFORMATION TECHNOLOGY (IT) DIVISION

For December, the IT Division closed 215 support requests from across the city. Staff shortages have impacted the Helpdesk team. IT Division is actively working with HR to fill one open position. Significant projects to include Public Safety Radio System upgrades and Network Core services across all City of Vacaville sites and ERP system.

COMMUNITY DEVELOPMENT

DEPARTMENT DEVELOPMENT RELATED REVENUES



Revenues generated by Community Development during December 2020 were \$187,495.65.

PLANNING COMMISSION

The Planning Commission met on December 15, 2020 and discussed the following items:

- **Harbison Townhomes**
160 townhome style apartments on a vacant 8.86-acre site, located at the northwest corner of Harbison Drive and Ulatis Drive. The project consists of 21 three-story buildings, a clubhouse and swimming pool. 64 two-bedroom units and 96 three-bedroom units with a farmhouse design. Floor plans range from 1,120 sq. ft. to 1,354 sq. ft. Planning Commission approved the project and it was subsequently appealed by local residents.
- **Downtown Specific Plan – Parking Analysis and Policy Strategy**
The Downtown Specific Plan Parking Analysis and Policy Strategy is available for review at www.letstalkvacaville.com. Planning Commission reviewed the report and requests public comment.

BUILDING DIVISION

<p>1176 Residential and Nonresidential Building Inspections for the month of December</p> <p>Inspection trend for the year to this date; total Residential and Nonresidential Building inspections made each month</p>	<p>Inspection Volume Trend fiscal year July-June</p> <p>Legend: ■ Residential and Nonresidential Inspections Completed Fiscal Year July-june 2020-2021 ▨ Residential and Nonresidential Inspections Completed Fiscal Year July-june 2019-2020</p>		
<p>373 Permits issued for the month of December</p> <p>Permits issued each month this fiscal year with trend line</p> <p>Permits issued in each month same time last year</p>	<p>Building Division Permit Trend fiscal year July-June</p> <p>Legend: ■ Building Division Permit Trend line fiscal Year July-june Permits Trend Line 2020-2021 THIS YEAR ▨ Building Division Permit Trend line fiscal Year July-june Permits Trend Line 2019-2020 THIS YEAR</p>		
<p>New Single Family Dwelling Unit Permits issued this month / total for Fiscal Year 20-21 through December</p>	<p>14 / 232</p> 	<p>New Single Family Dwelling Unit Permits issued same time Last Fiscal Year 18-19 month / total to date</p>	<p>50 / 242</p> 
<p>Residential and Nonresidential</p>	<p>Residential Activity - Permits Issued</p>		<p>Nonresidential Activity - Permits</p>

Permits Issued for December	December; 341	Issued December; 32																																							
Building Division Revenue for December	\$179,884																																								
Building Division Revenue in each month this fiscal year and same months last fiscal year	<table border="1"> <caption>Building Division Revenue per month fiscal year July-June Trend Line</caption> <thead> <tr> <th>Month</th> <th>2020-2021 (Dollars)</th> <th>2019-2020 (Dollars)</th> </tr> </thead> <tbody> <tr><td>July</td><td>250,000</td><td>250,000</td></tr> <tr><td>August</td><td>400,000</td><td>400,000</td></tr> <tr><td>September</td><td>450,000</td><td>450,000</td></tr> <tr><td>October</td><td>350,000</td><td>350,000</td></tr> <tr><td>November</td><td>250,000</td><td>250,000</td></tr> <tr><td>December</td><td>180,000</td><td>180,000</td></tr> <tr><td>January</td><td>150,000</td><td>150,000</td></tr> <tr><td>February</td><td>150,000</td><td>150,000</td></tr> <tr><td>March</td><td>150,000</td><td>150,000</td></tr> <tr><td>April</td><td>150,000</td><td>150,000</td></tr> <tr><td>May</td><td>150,000</td><td>150,000</td></tr> <tr><td>June</td><td>250,000</td><td>250,000</td></tr> </tbody> </table>		Month	2020-2021 (Dollars)	2019-2020 (Dollars)	July	250,000	250,000	August	400,000	400,000	September	450,000	450,000	October	350,000	350,000	November	250,000	250,000	December	180,000	180,000	January	150,000	150,000	February	150,000	150,000	March	150,000	150,000	April	150,000	150,000	May	150,000	150,000	June	250,000	250,000
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Special Interest Notes:	<ul style="list-style-type: none"> • \$14,372 General Plan Implementation and Recovery fees collected in December • % of On-line Permits of all permits issued in December; 35% • % of On-line Revenue in December; 24% • Special Note: On-line Permits are 55% of all permits issued since December 1 of 2015 																																								
Projects of Note:	<ul style="list-style-type: none"> • 102 On-line Solar permits issued in December. Total 106 + 16 New SFD w/solar = 122 Solar permits issued in December • 10 Swimming Pool permits issued in December • 11 Tenant Improvement and Nonresidential Alteration permits issued in December • 46 Single Family Dwelling Units passed Final Inspection in December • 8 Code Enforcement cases opened in December (Building only)(Same as November) 																																								

CURRENT PLANNING

1. New Projects
No new projects.
2. Approved Projects
No new projects.
3. Plan Checks
20 plan reviews performed by Planning including:
 - Camping World Expansion
 - Farmstead Plot Plans
 - Henner Tank Lines Building (251 Crocker Drive)
 - Bristow Plot Plans (North Village Unit 7)
 - The Ranch Improvements (Alamo Plaza)
 - LDK Warehouse (Midway and Interstate 505)

DISTRICT 2

1. New Projects

- WHITEHAWK (FILE NO. 20-350)
Design Review request to construct six (6) house plans on 88 lots in Roberts' Ranch Village A, located north of Fry Road and east of Leisure Town Road. The house plans consist of four (4) single-story models and two (2) two-story models, ranging in floor area from 1,779 sq. ft. to 2,922 sq. ft. The proposed architecture reflects Craftsman, French Cottage and Tuscan designs.
- CHEVRON STATION PCN (FILE NO. 20-345)
Modification and Public Convenience or Necessity requests to allow the sale of distilled spirits under a Type 21 liquor license at the existing Chevron service station located at 299 Orange Drive.

2. Approved Projects

No new projects.

3. Plan Checks

20 plan reviews performed by Planning including:

- Bristol Plot Plans (Village 7 – Brighton Landing)
- Oxford Plot Plans (Village 8 – Brighton Landing)
- Preston Plot Plans (Village 10 – Brighton Landing)
- Cambridge Plot Plans (Village 12 – Brighton Landing)
- Carson Homes (Village B – Roberts' Ranch)

DISTRICT 3

1. New Projects

- HARBISON TOWNHOMES APPEAL (FILE NO. 20-325)
Appellants seek reversal of the Vacaville Planning Commission's December 15, 2020 decision to reaffirm the General Plan Environmental Impact Report (EIR) and approve a Planned Development for the Harbison Townhomes project. In summary, the appellants believe: (1) the project was approved for erroneous reasons; (2) the project is inconsistent with regulatory documents such as the Housing Element and Municipal Code; (3) the Planning Commission violated the Brown Act; and (4) the City failed to analyze impacts to traffic, parking and schools. The appeal is subject to review and determination by the City Council on January 26, 2021.

2. Approved Projects

No new projects.

3. Plan Checks

11 plan reviews performed by Planning including:

- Crumble Cookie Tenant Improvement (2000 Harbison Drive, Suite C)
- Sign Permits (Old Republic, Wells Fargo)
- Residential swimming pools
- Residential garage conversions

DISTRICT 4

1. New Projects
No new projects.
2. Approved Projects
No new projects.
3. Plan Check
4 plan reviews performed by Planning including:
 - Residential garage conversion
 - Residential accessory structures (sheds)
 - Roof-mounted solar arrays

DISTRICT 5

1. New Projects
No new projects.
2. Approved Projects
No new projects.
3. Project Update
OAK GROVE APARTMENTS (FILE NO. 20-243)
On December 17, 2020, the Planning Division facilitated a neighborhood meeting to seek public input on the Oak Grove Apartments, proposed to be located at 475 W. Monte Vista Avenue. The City received comments on the building design, parking layout and housing type. Attendees expressed concern about the structure height, architectural design, parking, traffic, and water pressure. Staff is working on preparing responses to the public comments.
4. Plan Checks
5 plan reviews performed by Planning, including:
 - Lagoon Valley Self-Storage (5920 Cherry Glen Road)
 - Alamo Plaza Outdoor Dining
 - Farmstead Plot Plans

DISTRICT 6

1. New Projects
No new projects.
2. Approved Projects
No new projects.
3. Plan Checks
13 plan reviews performed by Planning, including:
 - Dutch Bros. Building (3500 Alamo Drive)
 - Saratoga Plot Plans (Village C – Vanden Estates)
 - Residential Swimming pools
 - Residential Patio Covers

MISCELLANEOUS

HOME OCCUPATION PERMITS

- 18 received; 17 approved

ZONING VERIFICATION REQUESTS

- 2 requests received; 1 issued

TREE REMOVAL PERMITS

- None received; no permits issued

PLANNING INQUIRIES

- 129 development related inquiries

ADVANCED PLANNING

1. DOWNTOWN SPECIFIC PLAN

- On December 15, staff informed the Planning Commission that the final Parking Recommendation document had been published and has been made available on the City's public outreach website: <https://www.letstalkvacaville.com/downtown-specific-plan> in the document library. The Planning Commission had reviewed the parking study used to create this document in September 2019, and the draft version on this document in August 2020.
- On December 2, staff reviewed the approved Downtown Connectivity and Streetscape Design Plan with the Parks and Recreation Committee. The Committee was supported the document, and is very interested in providing public art within Downtown.

2. GREENTREE PROJECT

- The City's consultants continue to work on the water, sewer, drainage, and traffic reports. Staff anticipates draft water and sewer reports in mid- January. Staff has provided some comments on the draft drainage report and met with the developer to discuss the preliminary drainage report.
- The applicant team has new project members that offer a different type of experience and have started working with staff to make some revisions to the site plan in response to community comments, market conditions, and economic development. Staff anticipates a new conceptual site plan to be submitted in early February.

3. VEHICULAR MILES TRAVELED CEQA ANALYSIS AND GENERAL PLAN TRANSPORTATION ELEMENT AMENDMENT

- Staff and the consultants worked towards completing the citywide VMT modeling, and determining thresholds of significance for VMT analysis. They also researched other jurisdictions for possible VMT and ECAS policies and strategies to consider while drafting the proposed policies and strategies.
- Staff will be holding study sessions as public outreach at Planning Commission and City Council in January to present information and education on VMT and ECAS background, purposes, benefits, and requirements. Staff will also be seeking input from commissioners, councilmembers, and the general public on ideas and direction for possible policies and strategies to consider.
- Staff anticipates drafting potential policies and strategies throughout January with a goal of releasing the draft VMT and ECAS updates along with an environmental analysis for a 45-day public review and comment in mid- February.

4. HOUSING ELEMENT UPDATE

- Staff is participating in the countywide sub regional housing needs allocation (sub-RHNA) process. Under this process, Solano County has been assigned its total regional housing needs allocation for the County and the seven (7) incorporated cities. Through a joint process, the County and the 7 cities are allocating the final RHNA numbers amongst themselves based on a methodology that must be approved by the County City Coordinating Council (4Cs) and by the Department of Housing and Community Development. Vacaville is anticipated to have its final RHNA numbers in February.
- Staff continues to participate in multiple webinars hosted by HCD, private consultant groups, and other jurisdictions in preparation for the Housing Element Update. Topics included public outreach and participation, processing through the new laws, and conducting updates during COVID restrictions.
- Staff has acquired a \$300,000 grant for preparation of the Housing Element Update and other housing production related activities.
- The Metropolitan Transportation Commission and the Association of Bay Area governments has released three housing production related grants. Two of the grants are non-competitive grants meant to further fund Housing Element Update related activities. The third grant is a competitive grant with a maximum \$800,000 award. This grant is for the creation of planning documents that support housing production and VMT reductions within Priority Development Areas (PDAs). The City will be pursuing all three grants. An update for these grants will be provided to the Planning Commission during the Annual Status of the General Plan report in February.

5. TRAKIT / GIS INTEGRATION PROJECT

- This project will improve the City’s use of the Trait permit scheduling and project tracking data.
- Staff brought the project to the point of being ready to go live after some cleansing work, which we would need to hire the company to perform.
- Project is on hold while the Building Division determines if it is worth continuing to invest in this software platform or if we should switch to a different software company.

6. UPDATES TO THE ADDRESS DATA IN THE CITY’S DATABASE

- This activity updated the City’s GIS database to include addresses for a large number of newly created lots in residential subdivisions. This update allows staff to keep or create accurate records on permitting and fees.
- Staff continues to update data as needed on a constant basis.

7. URBANFOOTPRINT CIVIC LICENSE

Staff continues the training for the program and for testing it as an aid for the Downtown Specific Plan.

FINANCE

In January the Finance Department officially switched from Eden to Munis, the City’s new ERP system. Accounting, Accounts Payable, Accounts Receivable and Purchasing are all now live in Munis. The final Finance phase of the ERP implementation, Utility Billing, is scheduled to go live in July.

FIRE

OPERATIONS

Month Statistics

Total Emergency Responses	1,036
Emergency Medical Responses	786

Emergency Medical Transports	676
Anticipated EMS Receipts (Approximate)	\$560,399.73
Average Response Time	4 mins 42 secs
Fire Incidents	11

Fire Incident Types

Building fires	2
Cooking fire	1
Passenger vehicle fire	2
Self-propelled motor home or recreational vehicle	1
Grass fire	1
Outside rubbish, trash or waste fire	1
Dumpster or other outside trash receptacle fire	3

HOUSING SERVICES

HOUSING SUCCESSOR DIVISION

The Vacaville CARES Small Business Grant Program concluded December 30, 2020 with a total of \$481,244.63 awarded to 40 local businesses. The Vacaville CARES Small Business Grant Program was developed to provide economic relief to small businesses that were negatively impacted by the COVID-19 pandemic.

HOUSING PROGRAMS

In December, the Vacaville Housing Authority (VHA) was awarded additional special Housing Choice Voucher Program vouchers by the Federal Department of Housing and Urban Development. The VHA was awarded 15 Veterans Administration Supportive Housing (VASH) vouchers to assist chronically homeless veterans in Vacaville and 75 Mainstream vouchers to assist families in which at least one household member is a non-elderly adult with a disability. The Mainstream vouchers have a preference for those who are also experiencing homelessness that are referred by VHA approved agencies.

In the month of December, the front counter assisted 1,027 customers by phone and appointment for a total of 11,136 customers assisted in the calendar year.

Type	July 20	Aug. 20	Sep. 20	Oct. 20	Nov. 20	Dec. 20	CYE 20
Public/Client Walk-In's Assisted	78	35	57	46	39	27	1,511
Public/Client Telephone Calls Assisted	1,024	672	421	433	995	1,000	8,598
Total:	1,102	707	478	479	1,034	1,027	10,109

HUMAN RESOURCES

For the month of December 2020, the Human Resources Department received and screened 443 applications, as well as processed 3 full-time new hires/promotions and 3 part-time hires.

PARKS & RECREATION

PARKS AND RECREATION COMMISSION – December 2

- Community Development Senior Planner Tyra Hays presented on the Downtown Specific Plan.

- Park Planner Hew Hesterman gave a presentation on the Park Development Process. The focus of this presentation was Neighborhood Parks and their role as the building blocks of a park system. They provide the most-basic and most-utilized recreational facility.
- Committee Reports included updates from the Play4All Taskforce (Commissioner Lujan); the Eleanor Nelson Park Committee (Chair McMahon); and an informal update on the Youth Sports Advisory Team (Commissioner Thompson).

ACTIVE AGING

- This year staff worked to support the Friends of Seniors Holiday Connection group to match seniors in need with sponsors who were able to provide holiday gifts and necessities. Nearly 100 senior participants benefited from the program.
- The ELKS lodge sponsored 220 special holiday dinners prepared by two local restaurants which staff and volunteers delivered to seniors in our community. 20 families also received gift cards to two local grocery stores.
- Several senior recipients expressed their appreciation for all the program has done to keep them safe and healthy by sending notes and monetary donations. Also, volunteers shared how meaningful it is to volunteer during these challenging times.
- Staff continues to work with sponsors to provide activities that will keep our senior community engaged and healthy in a safe environment.

AQUATICS

- Prior to the holiday season, the aquatic team spent the first part of December preparing a Title 22 Certification class for 24 Lifeguards currently employed with the City of Vacaville. Due to COVID-19, the instructors were encouraged to creatively format the class to ensure safety amongst all participants. Some of the modifications included transforming typical in-person lectures and trainings into a virtual format via Zoom, and blocking out and modifying hands-on skill sessions to ensure that participants and instructors were socially distanced throughout the entire training.

CULTURAL ARTS

- December programs included virtual ballet, music and voice lessons. Virtual art classes will be added in February 2021.
- On December 18, 2020, *The Reporter* published an article about virtual class offerings, *Coronavirus: Vacaville Parks & Recreation Adjusts to COVID*.

EARLY CHILDHOOD ENRICHMENT

- Preschool classes spent two weeks preparing for the winter break with several themed activities and learning the spirit of the holiday. Normally the children would perform their holiday show at VPAT, but with COVID restrictions, staff took a different approach and videotaped each student's response to three questions. All students from the same class were put on a DVD for each family to cherish.
- The Early Childhood Enrichment Program offered a new Take and Make program for preschool aged children. Parents were able to purchase a winter themed craft kit to work on with their children during winter break. Each kit included supplies and instructions for three winter themed crafts, a scavenger hunt, and a winter themed sticker sheet for a minimal cost. The program was very successful with 41 registered kits sold.

GYMNASTICS

- "Movin After 'Zoomin'", the after school gymnastics program offered students fun and engaging activities along with structured free play, tumbling, holiday themed crafts and games. No electronics or screen time are allowed in order to give the children a break from their computers. The program targets 1st - 6th graders, all while social distancing and wearing masks.

THERAPEUTIC RECREATION

- December was an exciting month for TR. Staff started two new programs and have been approved to work on several more. TRACE, which stands for Therapeutic Recreation Activities for Community Engagement, is a monthly social activity where participants can play games together, participate in crafts and other fun activities, all while socially distancing. Feel Good Fridays, which meets weekly, is focused on aligning the body, mind and spirit through a series of movements, meditation and mental health exercises.

TEENS

- Safe@Home is a new program designed for students in grades 4-6 to prepare them to be safe when they are home alone. Safe@Home is a 90-minute program that teaches students how to practice safe habits, how to prevent unsafe situations, and what to do when faced with dangers such as power failures or weather emergencies. Students are also introduced to the Safe Sitter® First Aid Chart and learn a system to help them assess and respond to injuries and illnesses. Due to COVID-19 restrictions, this program will be facilitated in a virtual format on Saturday, January 16, 2021.

SPECIAL EVENTS

- November's Run for a Reason program winners were announced and the virtual check presentation to the Solano Community Foundation was held on December 8, 2020.
- Virtual Storytime with Santa, was held December 14 and 18. On December 1, 2020, *The Reporter* published an article about the program, *Santa Will Host Virtual Storytime for Vacaville Kids*. Participants who signed up for the Storytime were entered in a raffle to win a Christmas Dinner from Nugget Markets (value of \$130). The winner was announced on December 14, 2020 via Facebook.

SPECIAL INTEREST

- A new contractual instructor was approved to bring Virtual Astronomy Camps and Classes to the Vacaville community. The instructor currently plans on hosting a multi-day camp over Presidents Break in February, a Spring Break camp in April, along with weekly camps and workshops throughout the summer.

YOUTH & ADULT SPORTS

- In the month of December, Youth Sports introduced a new program, Skateboarding for Beginners. The 3-day camp was offered to ages 4-17 and introduced participants to the basics. While the weather did not cooperate and the camp was cut short, the program reached maximum capacity. Staff see this as a potential program staple for the future.
- Other Youth Sports programs that wrapped up include Football Conditioning, PE in the Park, Just 4 Kids Moves, and Horsemanship. December also marked the conclusion of a successful cross country season for the Thunderhawks Running Program and for Reyes Kenpo Karate's first session of outdoor programming. All classes followed strict COVID protocols and precautions throughout each session to ensure participants had a safe environment to learn and play in.

YOUTH SERVICES

- TGIF sites (Browns Valley, Cooper, Ulatis) wrapped up the calendar year with a full slate of holiday-themed programming. Activities included arts and crafts, holiday card design, and socially distanced group games and team-building projects.
- Sierra Vista K-8 grade students took part in multiple park design and planning workshops throughout the month of December. Facilitated by the Youth Services Coordinator and staff, these workshops gave students the chance to provide input and a "wish list" for what their ideal dream park might be. The workshops also included an interactive design "assignment" where students could manipulate a park canvas and place wish-listed items in park locations of their choice.

VACAVILLE PERFORMING ARTS THEATRE

- Due to the continued social distancing orders, all events for December were cancelled.
- On December 10, Jim Brickman offered an incredible online performance for all of his Christmas classics.

Season Ticket Sales:

Jake Shimabukuro – Rescheduled (226)
 Menopause – Rescheduled March 24, 2021 (200) (288)
 Los Chicos del 512 – Rescheduled May 28, 2021 (145)

POLICE DEPARTMENT

12/31/20 – December marked the conclusion of the current POST (Police Officer Standards and Training) CPT (Continued Professional Training) cycle. During the two year training cycle each dispatcher must complete 24 hours of approved POST training. Our team was able to complete all required training and we are 100% compliant.

During the month of December:

- Property and Evidence completed 117 discoveries and received 11 dispositions for research. The unit completed the intake of 414 pieces of evidence and completed the disposition of 411 pieces. The department received 3 subpoenas.
- Records front counter was closed. Additionally, they processed 451 moving citations, 176 parking citations, and completed 118 background checks for OPM.
- Communications Center staff answered 2,160 9-1-1 emergency calls, and 11,374 non-emergency calls. Public Safety Dispatchers made 5,585 outbound calls.
- Communications Center staff processed 928 Priority 1 Police CAD calls, 1,168 Priority 1 Fire CAD calls, 1,963 Priority 2 CAD calls and 1,526 Priority 3 CAD calls for service for a total of 13,534 calls processed.

Police Department staff investigated 186 reported crimes in December. Part 1 Crimes for the month of December, as reported to the Department of Justice include:

Homicide- 0	Motor Vehicle Theft- 19
Rape- 3	Gun Statistics-16
Robbery- 7	Homeless/Property Removal- 0
Aggravated Assault- 14	Camping Reports- 16
Burglary- 14	Traffic Collisions- 83
Larceny- 12	Panhandling Citations- 0
Adult Arrests- 316	Property Loss- \$426,473
Juvenile Arrests- 12	Property Recovery- \$206,022

PUBLIC WORKS

ENGINEERING SERVICES DIVISION

Traffic Engineering

Retirement

Agnes Liu, Associate Civil Engineer, Public Works, retired on 12/29/2020 after 13 years with the City of Vacaville. Agnes was an integral part of Traffic Engineering. During Agnes' tenure, the City benefitted from her skilled work on excellent projects ranging from preparation of signing and striping plans for slurry seals and overlays, optimal signal operations, signal designs for Jepson Parkway, Nut Tree Road/Summerfield Drive, and

Roberts Ranch, safety improvements at various schools around Vacaville, including the latest City project for Browns Valley Elementary and Padan Elementary School, in addition to reviewing thousands of Traffic Control Plans.

Traffic Management Center

A new server for the Traffic Management Center (TMC) was installed at City Hall that provides the capability for staff to monitor and manage all 71 signalized intersections in the City of Vacaville. The TMC controls allows staff to be responsive to traffic conditions, and adapt to support incidents, preemption and priority requests, and pedestrian crossing calls. The TMC also provides a video feed from intersections that have video detection for staff to observe and analyze traffic movements.

Development Engineering

Buzz Oates Developments

Staff is currently reviewing the improvement plans submitted by the developer Buzz Oates on two development projects adjacent to one another located on Aviator Drive. In order to construct the proposed warehouses, each project was required to merge multiple lots into one parcel for each warehouse. Staff recently reviewed and approved the lot line adjustments to merge the lots into the required parcels.

Greentree Apartments

The Greentree Apartment project is currently going through the entitlement process. The project has some drainage and utility concerns that need to be resolved prior to finalizing the entitlement process. Staff has been working with the Applicant and Engineer for the project to find a cooperative resolution for the issues.

Maintenance Division

Citywide Radio Reprogramming/Replacement Project Completed

The City's multi-year effort to transition its radio system to digital format achieved a major milestone in late December 2020. Over the last three months, Central Garage staff worked closely in the coordination with all City departments in the processing of over 500+ City vehicles through the Motorola Citywide Radio Project reprogramming/replacing team at the Corporation Yard. A complex project including many stakeholders, schedules, and operational needs, the Central Garage and the IT Divisions' contracted Motorola installation team seamlessly worked jointly to achieve the goal of finalizing the radio reprogramming or replacing milestone task.

Enhanced 2020 Storm Season Creek Monitoring Program

Due to the elevated concern of post-fire flood events due to the August 2020 LNU Fire, Public Works Maintenance has developed and put into place enhanced creek monitoring protocols. Maintenance staff have walked the creek channels, clearing debris and exercising flap gates. All public website accessible creek stream gauge monitors have been checked and re-checked, a new creek stream gauge monitor is being installed on Encinosa Creek, staff is coordinating with Solano County Water Agency to obtain access to recently installed stream gauges in the County, 16 new creek observation posts have been identified, and staff are undergoing flood preparedness training.

UTILITIES

ENGINEERING

CAPITAL IMPROVEMENT PROGRAM PROJECTS

Easterly Wastewater Treatment Plant (Easterly) Solar Power Facility

The 4 Megawatt solar power facility project planned for Easterly and the Power Purchase Agreement were authorized by City Council on December 8, 2020, and the contract with ForeFront Power was executed on December 28, 2020.

OPERATIONS & MAINTENANCE PROJECTS

Butcher Reservoirs Rehabilitation

The Butcher Reservoirs consist of two steel tanks constructed in 1970 and 1976. The last major improvements took place in the early 1990s. This project includes recoating the interior of both tanks and several site improvements for safety and security. A mixing system will also be installed to improve water quality in the reservoirs and increase the usable volume. A kickoff meeting for the project design was held on January 5, 2021, along with a site visit. West Yost Associates will begin design work following completion of a site survey.

Well 2

Wood Rodgers, the project consultant, has begun design for the new well at the corner of Nut Tree Drive and Elmira Road following a project kickoff meeting on January 6, 2021. The original production well will be abandoned, and the contract for the destruction of that well is in process.

PLANNING & ASSESSMENTS

Lift Station Condition Assessments

Engineering, Operations and Maintenance staff are conducting full condition assessments of all sewer lift stations in the City. The last set of assessments were completed in 2015. Horse Creek Lift Station was the second lift station to be assessed in 2020 and was completed on October 21, 2020. The summary report prepared by Engineering staff, and reviewed with Operations and Maintenance on December 22, 2020 is now being finalized.

Recycled Water Master Plan

Carollo Engineers has completed a full draft of the Recycled Water Master Plan Feasibility Study, Advanced Plan, and associated environmental documents. The Initial Study and Mitigated Negative Declaration for the project will be brought to City Council on January 26, 2021 for adoption, along with an associated Mitigated Monitoring and Report Program.

MAINTENANCE

Mechanical Group:

Auto Center Well 14 On Site Generation System

Mechanical staff is in the process of installing an on-site sodium hypochlorite generation system at Well 14.

Water Treatment Plant "Winter List"

Mechanics have begun to work on the Water Treatment Plant's "Winter List". This list of work is developed over the year and undertaken during the winter months while the plant is off-line.

Mechanical Seal Replacement

Mechanics replaced the failed mechanical seal on the Easterly 2 Water Pump #1.

INSTRUMENTATION CONTROL ELECTRICAL (ICE) GROUP

Well 14

Electricians took advantage of the previously scheduled rehab down-time, and replaced the original aging Well Motor Soft-Start with a newer improved model. The older Soft-Start was functioning, but no longer serviceable. This improvement will result in less well down-time in the future.

Easterly Wastewater Treatment Plant

Instrument Technicians audited all SCADA control alarms and removed all alarms associated with the plant HVAC system from the process control system. HVAC alarms will now be monitored by specialized maintenance software. This will result in fewer alarms for Operations staff

ADMINISTRATION

Water Conservation

The December water consumption figures showed the City had increased its overall water consumption by 6.7% compared to the same month in 2013. Residents consumed an average of 80.97 gallons per day for the month. For the year, residents have consumed 11.5% less water over the same period than they did in 2013.