

# City Of Vacaville Monthly Report February 2019

TO: Honorable Mayor and City Council

FROM: Jeremy Craig, City Manager

# ADMINISTRATIVE SERVICES

#### HUMAN RESOURCES (HR) DIVISION

For the month of January 2019, the Human Resources Division received and screened 386 applications, processed 9 full-time new hires/promotions and 7 part-time hires.

January is the busiest month for merit increases, transfer and other payroll modifications in Human Resources. Over 200 actions were processed effective January 1 (more than the past 4 months combined).

#### FINANCE DIVISION

Annual business license renewals will be sent out on March 1, 2019. The City will be processing close to 5,000 renewals this year. All renewals are due back to the City by April 30.

#### Enterprise Resource Planning (ERP) Update:

Finance staff, along with staff from other City Departments completed site visits in preparation for the upcoming Enterprise Resource Planning (ERP) software selection and implementation. The ERP Steering Committee has determined that Tyler Munis is the system that will best meet the City's needs. Contract negotiations, with the assistance of the ERP consultant, will begin in the next few weeks.

#### **INFORMATION TECHNOLOGY (IT) DIVISION**

The new Intranet will go live at the end of this month! The new website will allow all employees to access internal information anywhere on any device.

IT is beta testing a new password management system that will eventually roll out to all employees.

#### COMMUNITY DEVELOPMENT

#### DEPARTMENT DEVELOPMENT RELATED REVENUES

Revenues generated by Community Development during January 2019 were \$206,238.

#### PLANNING COMMISSION

At the January 15, 2019 Planning Commission meeting, Commissioners discussed the following items:

• Fruitvale Pre-Zoning: Pre-zoning of ten parcels located north of Fruitvale Rd and east of Orchard Ave. Prezoning would establish zoning that would apply to these properties after they are annexed into City of Vacaville. Commissioners recommend that City Council approve the pre-zoning.

- Brighton Landing, Village 12: Three new house plans were presented for 67 lots in Village 12 within the Brighton Landing subdivision. Commissioners approved the development.
- Code Audit Update: Lisa Wise Consulting is updating Vacaville's Land Use Code. Their presentation discussed the process, community involvement and key items to consider.

# ADVANCED PLANNING

# 1. DOWNTOWN PLANNING

The City staff has selected ESA to prepare a specific plan for the downtown area. The plan is largely grant funded. Work on this project is scheduled to begin in February.

- a. <u>VACAVILLE PRIORITY DEVELOPMENT AREA (PDA) GRANT</u>: This grant funds the preparation of a comprehensive Downtown Specific Plan. The plan will address land use, urban design, infrastructure, public art, safety, and other downtown development issues.
- b. <u>CAL-TRANS SUSTAINABLE COMMUNITIES GRANT</u>: This grant funds the Downtown Connectivity and Streetscape Design Plan. The plan will address improved pedestrian & bicycle access, and the design quality of the streets in downtown. This plan will be incorporated into the Downtown Specific Plan.

# 2. <u>RESIDENTIAL DESIGN REQUIREMENTS</u>

On January 22, the City Council adopted new residential design requirements. This action implements the General Plan Action to revise and update the community's design requirements and establishes the goals of improving the design of residential neighborhoods, protecting the character of existing neighborhoods and providing high quality housing in a variety of densities and types.

# 3. <u>WIRELESS COMMUNICATION FACILITIES (TELECOMMUNICATIONS ORDINANCE UPDATE and MASTER LICENSE AGREEMENT)</u>

Planning staff continued work with a team from various departments on draft regulations for small cell facilities installed on City owned street lights located within the public right-of-way.

# 4. ALLISON POLICY PLAN AMENDMENT - TRANSIT ORIENTED DEVELOPMENT

Staff prepared the environmental study necessary to support the General Plan Amendment, Rezoning and Policy Plan Amendment to redistribute planned multi-family residential development on two sites within the Policy Plan. The project will allow the City to develop mixed-use commercial/residential use on the vacant 3.6 acres adjacent to the Allison Transit Center, and a multi-family project on the vacant 10 acres adjacent. This project is scheduled to go the Planning Commission in February.

# 5. FARMSTEAD PROJECT (ELDREDGE PROPERTY) & ANNEXATION

This 20-acre project on North Orchard Avenue and Fruitvale Road proposes 130 homes and a public Neighborhood Park. The Vacaville City Council approved the project at their hearing on November 13. Staff began work with the Solano Local Agency Formation Commission (LAFCO) to submit the request to annex the site into the City limits.

# 6. FRUITVALE ANNEXATION

This is a 9.6 acre annexation of ten parcels north of Fruitvale Road and east of North Orchard Avenue. All ten parcels have existing residential development, and there are not proposals to change to existing land use. The annexation is in conjunction with a statement from LAFCO to eradicate an island unincorporated jurisdiction surrounded by city limits to create contiguous jurisdictional boundaries. Staff began work with the LAFCO to submit the request to annex the site into the City limits.

# 7. ANNUAL STATUS OF THE GENERAL PLAN REPORT

Staff has begun preparing the State mandated annual report on the General Plan and Housing Element. This project is scheduled for public hearings in March. The report must be submitted to the State by April 1.

# 8. <u>GREEN TREE PROJECT</u>

This is a proposed redevelopment of the former 181 acre Green Tree Golf Course for residential and commercial uses. Staff has been working with the applicant to create a site design and specific plan for the project. Staff has also received comments and meeting requests from some of the nearby residents. Staff will present an update on the project to City Council on February 26, 2019.

# 9. SUBDIVISION PLAN CHECKS

Plan checks continue for:

- Vanden Meadows Parkside Final Map, Improvement Plans and Grading Plans
- Ashton 3 Final Map, Improvement Plans and Landscaping Plans
- Vanden Meadows Villages on Vanden Improvement Plans and Landscaping Plans

# CURRENT PLANNING

- 1. DEVELOPMENT REVIEW APPLICATIONS RECEIVED
  - A. NUT TREE BUSINESS PARK TIME EXTENSION (FILE NO. 19-019) Time Extension request to extend the Design Review approval for the Nut Tree Business Park to be located on the west side of Nut Tree Road. The Project includes a 5,000 sq. ft. single-story building, and two warehouse buildings totaling approximately 169,300 sq. ft. on 10.72 acres.
  - B. WHITNEY PATIO COVER (FILE NO. 19-017) Administrative Clearance request to decrease the required patio setback from 10 ft. to 8.5 ft. and increase the maximum allowable lot coverage from 40% to 43% for an existing patio cover located in the rear yard of a single-family home at 400 Marvin Gardens Drive.
  - C. BRINGAS PATIO COVER (FILE NO. 19-021) Administrative Clearance request to increase the maximum allowable lot coverage from 40% to 43% for the purpose of constructing a 288 sq. ft. patio cover in the rear yard of a single-family home at 608 Sitka Drive.

# 2. <u>DEVELOPMENT REVIEW APPLICATIONS APPROVED</u>

A. BRIGHTON LANDING VILLAGE 12 HOUSE PLANS (FILE NO. 18-393)

The Vacaville Planning Commission approved a Planned Development request to construct three house plans on 67 single-family lots in Village 12 of the Brighton Landing Subdivision located south of Elmira Road, between Leisure Town Road and Carroll Way. The house plans include one single-story model and two 2-story models, ranging in floor area from 1,746 sq. ft. to 2,514 sq. ft. Exterior elevations reflect Ranch, Craftsman and Cottage design themes.

B. BRENDEN PREMIUM THEATER & LOUNGE (FILE NO. 18-306)

The Director of Community Development approved a Design Review request to construct a 22,500 sq. ft., 6screen multi-plex theater with a restaurant and bar next to the existing Brenden Theater located at 531 Davis Street. The theater includes 322 recliner seats, 143 seats for the restaurant area and an approximately 3,800 sq. ft. mezzanine for office and storage. Hours of operation would be between 11:00 a.m. to 10:00 p.m., with exceptions for holidays and new releases.

- C. THRIVE CHURCH (FILE NO. 18-332) The Director of Community Development approved a Design Review request to establish a membership organization within an existing approximately 9,500 sq. ft. tenant space located at 190 Bella Vista Road. The facility includes 299 seats, three classrooms, two offices, a kitchen, nursery and restrooms.
- D. KROLL PATIO COVER (FILE NO. 18-359) The Director of Community Development approved an Administrative Clearance request to reduce the required rear yard setback for patio cover from 10 ft. to 7.5 ft. for the purpose of constructing a 530 sq. ft.

patio cover at 1060 Mission Bay Drive. The approval also allows an increase in the maximum rear yard coverage from 20% to 27%, and an increase in the maximum lot coverage from 40% to 45%.

- E. ROBINSON PATIO COVER (FILE NO. 18-420) The Director of Community Development approved an Administrative Clearance request to increase the maximum allowable lot coverage from 40% to 44% for the purpose of constructing a 414 sq. ft. patio cover in the rear yard of an existing single-family home at 154 Shubin Way.
- F. THOMPSON POOL SETBACK REDUCTION (FILE NO. 18-421) The Director of Community Development approved an Administrative Clearance request to decrease the required side yard setback from 15 ft. to 12 ft. for the purpose of constructing a swimming pool in the side yard of an existing single-family home at 323 Rolling Sage Circle.

# 3. HOME OCCUPATION PERMITS

• 19 applications, 16 approved

# 4. BUILDING PERMIT PLAN CHECKS

The Planning Division reviewed 41 Building Permit applications, including:

- Potters Place Final Map and Improvement Plans
- Brighton Landing Plot Plans
- North Village Unit 7 Plot Plans
- Vanden Estates Villages A & B Plot Plans
- Vanden Estates Village C & E Model Home Complex
- Vanden Estates Village D Model Home Complex
- Vanden Estates Village D House Plans
- Brighton Landing Villages 9 & 10 Mode Home Complex
- Brighton Landing Villages 9 & 10 Plot Plans
- Storage Pro of Vacaville

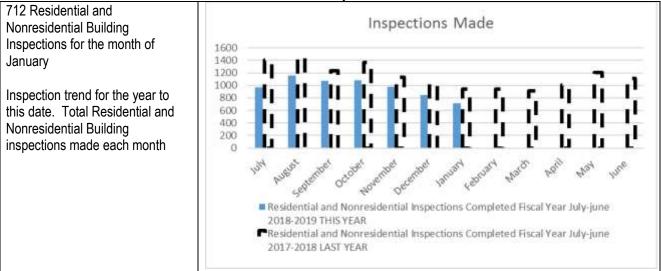
# 5. TREE REMOVAL PERMITS

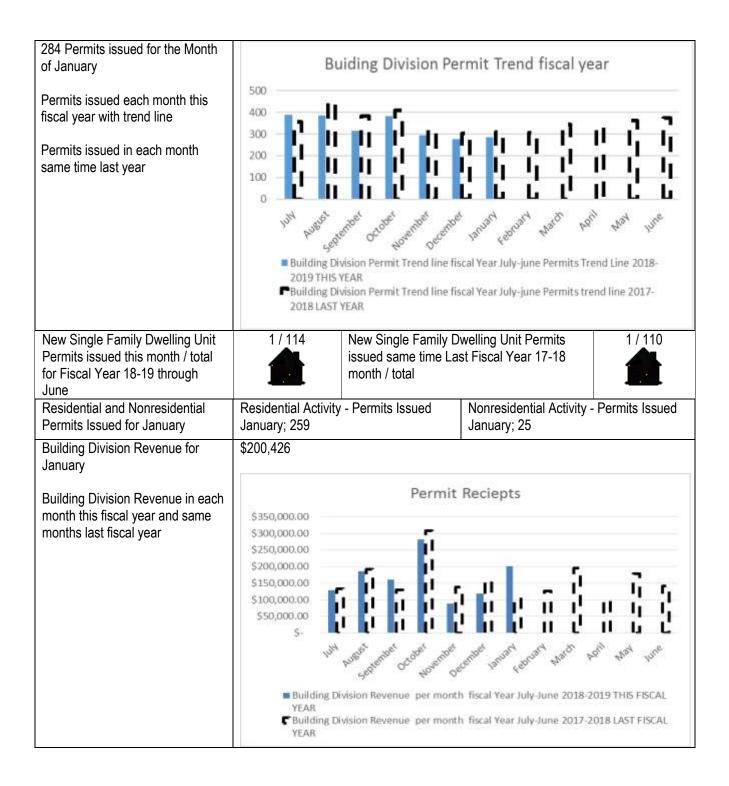
• Three applications, one approved

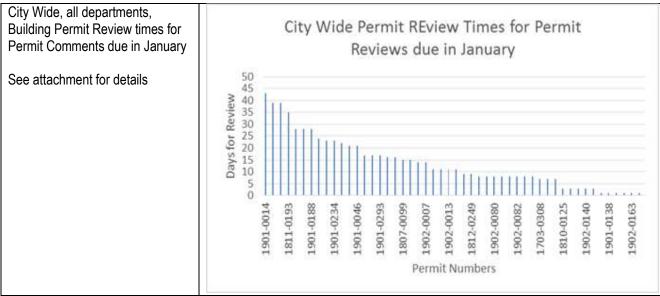
# 6. PLANNING COUNTER INQUIRIES

• 145 planning and development related inquires and three zoning complaints.

# BUILDING DIVISION MONTHLY ACTIVITY REPORT – January







Special Interest Notes:

- \$6,409 General Plan Implementation Fee collected in January
- % of On-line Permits of all permits issued in January; 60%
- % On-line of Revenue in January; 29%
- Special Note: On-line Permits are 49% of all permits issued since June 1 of 2015

# Projects of Note:

- On-line Solar permits issued in January; 58. Total Solar permits issued in January; 65
- 2 Swimming Pool permits issued in January
- 14 Tenant Improvement and Nonresidential Alteration permits issued in January
- 31 Single Family New Home permits applied for in January
- 10 New Single Family Homes Passing Final Inspection in January
- 17 Code Enforcement Cases Opened in January; Building and Planning Division only
- 6 Code Enforcement Cases Closed in January; Building only

# COMMUNITY SERVICES

PARK PLANNING

- Sports Fields Park: Community Services selected Victus Advisors, LLC to conduct a pro forma for the sports fields complex east of Easterly water treatment plant.
- Three Facility Assessment Project (Georgie Duke, Three Oaks Community Center and 551 Davis St.): The Department received the initial draft assessment from MIG. Park Planning staff continue to work with MIG and will compile input received from the City Manager's Office and Community Services recreation staff.

# ACTIVE AGING

- Due to flooring renovations, the McBride Center was closed from December 17 January 9. Fortunately, we were able to relocate many classes to other facilities so that participants could continue to stay healthy, safe and active.
- New for 2019, Active Aging rolled out the membership program. In one month, 10 people have joined. Members enjoy discounted classes, events and trips. The cost is \$25 per person for one year. Members also receive a hard copy of the bi-monthly publication, McBride Megaphone, which is a very hot commodity.

 Tax season has begun and AARP volunteers are offering free tax service on Tuesdays and Thursdays until mid-April.

# AQUATICS

A professional lifeguard's job is to keep participants safe and ensure preventable incidents are avoided by
enforcing rules and maintaining a level of authority and order during structured and non-structured aquatic
programs. In January, about 90% of our lifeguards completed 23 hours of Title 22, First Aid for Public Safety
Personnel training. Continuous training and certifications are a part of our program to ensure our lifeguards
have the skills required to respond appropriately to incidents and injuries. Having lifeguards committed to
continued education, certification and development is beneficial to our programs and participants.

# ASES

- Each of the four ASES sites were back in full swing to kick off the new year with energy and excitement. Participants were treated to academic enrichment events including a magic presentation at the Padan site and a visit from CBS Channel 13's meteorologist, Darla Gibbons at Fairmont.
- Community Services Department (CSD) staff met with Vacaville Unified School District administrators in mid-January to discuss the next 3-year grant cycle program plan. CSD staff presented information and the case for continuing the partnership between the City of Vacaville and the District for the 2019-2022 academic program years.

# CULTURAL ARTS

• Kids N Motion's newest class "Little Tappers" held its first classes in January. Little Tappers is a dance class that introduces 4-6 year olds to tap dancing steps, combinations, routines, stretches and exercises.

# GYMNASTICS

- Continuing our goal of fostering healthy human development in children of all ages, the Vacaville Gymnastics Competitive Level 4/5 & 6 boys team competed in the Oroville Invitational competition on January 5 and 6. 14 different gyms competed from Northern California. The Mas Wantanabe Elevate meet was held on January 26 and 27 in Elk Grove with 12 teams from Northern California. Lucas Sells scored 9's and higher on all events. Alexander Coble scored an average of 8's in all events and John Redmon scored in the high 9's in all events. The boys are in their sixth year of competing and continue to advance in their respective levels.
- On January 4, an intensive training was held for all gymnastics staff. Rachael Martinez, our lead gym manager, provided an active skill building and learning environment for 24 staff members. Three to four stations/activities were taught in the Parkour, Pre-k and all girls' events. Boy's skills were provided by our team coaches. This five-hour training provided a refresher on lesson planning, allowed staff to seek additional support in their respective program areas and an opportunity to advance to higher level programs.

# PAL

- The new membership year started on January 2. Staff have been busy processing applications and collecting payments when applicable. Currently we have over 100 members enrolled with the majority of families being on scholarship.
- The SkiDuck Program returned in January with participants enjoying a day of fun in the snow for free. SkiDuck is a non-profit agency that partners with Squaw Valley to offer lessons, equipment rentals and lift tickets for low-income and at-risk youth. The program was brought to us last year via Andrew Clark, a teacher at Will C. Wood. Andrew is a representative of SkiDuck and is passionate about providing positive life experiences for youth. In 2018, PAL took six trips to the snow. This year, there are nine trips planned and each one is currently at capacity with a waiting list.

# TEENS

In-depth planning for the upcoming Vaca-Con began in January. The first big "con" event of its kind, Vaca-Con will celebrate all things pop culture but with a local twist. It received a huge positive response on social media. Within the first 48 hours of the announcement on Facebook, the post had been viewed and/or shared over 1000 times! Scheduled for March 16 at the Ulatis Community Center, the library is onboard to partner with Community Services, as are several local businesses. The event will run from 10:00 a.m. – 4:00 p.m. and feature an Artists Alley, Exhibitor Hall, Cosplay, Game Station, and more. Tickets are \$7 presale, \$10 at the door.

# YOUTH SERVICES

- A week of Camp VACA-tion took place during the first week of 2019 at the Cooper Recreation Center. Targeted to grades 1-6, over 30 participants were registered and participated in post-holiday activities including group games, art projects, science, and outdoor sports. Many were families who regularly participate in the TGIF Before/After School Program, however, there were a handful of new faces who we hope will continue participation.
- Mid-year program evaluations were distributed to all current TGIF families over the month of January. Staff conducted the evaluation process through an online google document and made contact to registered families. Responses and feedback will be compiled and tabulated for presentation to site staff and Administration in February.

# VACAVILLE PERFORMING ARTS THEATRE

 VPAT brought in the New Year with shows for audiences of all ages and celebratory graduates crossing the stage.

# January Events

- Solano County Honor Band put on an incredible free concert on January 14.
- Family and friends gathered to watch the Blake Austin graduates cross the VPAT stage on January 17.
- On January 26, Bliss Urban Arts Center performed their 15<sup>th</sup> annual dance show case bringing talented young artists to the VPAT stage for another successful year.

# 2018-2019 Season of Shows

- 2/15 Joe Nichols (439)
- 3/17 Blue Öyster Cult (308)
- 4/4 Billy Ocean (217)

# **FIRE**

# OPERATIONS

Month Statistics:	
Total Emergency Responses	936
Emergency Medical Responses	683
Emergency Medical Transports	677
Anticipated EMS Revenue (Approximate)	\$456,483
Average Response Time	4:85
Fire Incidents	10

In January, Medic Ambulance was requested 6 times to cover the City of Vacaville for ambulance transport service due to all Vacaville ambulances being committed to emergency incidents.

# HOUSING SERVICES

# SUCCESSOR AGENCY

On January 8, 2019, the City Council, acting as the Successor Agency of the Redevelopment Agency, approved the 13<sup>th</sup> Recognized Obligation Payment Schedule (ROPS) for the period July 1, 2019 – June 30, 2020. The ROPS lists the enforceable obligations of the former Redevelopment Agency and their source of payment. The County-wide Oversight Board approved the ROPS at the January 10, 2019 meeting, and the ROPS was submitted to DOF prior to the February 1, 2019 deadline as required.

# HOUSING SUCCESSOR DIVISION

In 2018, the City of Fairfield sought and selected Shelter, Inc. as the new operator of the homeless shelter facility located in Fairfield and serving the Solano County area. Shelter, Inc. is a nonprofit organization founded in 1986 whose mission is to prevent and end homelessness for low-income, homeless and disadvantaged families and individuals by providing housing, services, support and resources that lead to self-sufficiency. On January 22, 2019, the City Council approved a one-time emergency start-up funding request in the amount of \$40,000 to Shelter, Inc. Startup funds are required to ensure a smooth transition from the prior operator so that current clients, including 9 Vacaville clients, can continue to be served until they can be permanently housed.

On January 23, 2019, staff participated in the Biennial Point-In-Time (PIT) count. HUD requires each Continuum of Care to conduct a PIT count of sheltered and unsheltered people experiencing homelessness. The PIT count is conducted on a single day/night during the last 10 days of January across the nation which is then followed by a period of collecting demographic survey information from persons living on the streets. Results of the survey are compiled and due to be provided to HUD in March. HUD reviews the data over several months, therefore, it is anticipated that a final report for jurisdictions in Solano County, including Vacaville, will be released in Summer 2019.

# Loan Programs:

- One DPAL loan was paid off.
- Conducted 1 HOME First-Time Homebuyer Lender training for 1 prospective participating lender.

Housing Counseling:

- Provided pre-purchase housing counseling services to 1 new client.
- Provided credit counseling services to 4 new clients.
- Conducted Homebuyer Workshop with 25 attendees.

The HUD Certified Vacaville Housing Counseling Agency was happy to receive news from four previous clients that received pre-purchase/homebuyer counseling services during the past year. The clients reported that they were able to successfully purchase their first home!

# HOUSING PROGRAMS

During the month of January 2019, the front counter of the Housing Services Department answered 967 telephone calls and assisted 467 walk-in customers.

# POLICE DEPARTMENT

01/08/19 – The Communications Center received a call that illustrated the need for text to 911, as the reporting party (RP) did not want to speak to alert a possible intruder that she was hiding upstairs. RP texted her husband to call PD, dispatch obtained her phone number and began texting her directly. The prowler turned out to be unfounded, but the entire call was handled via texting.

01/09/19 – An Investigative Services Section (ISS) Detectives provided department wide Officer Involved Shooting (OIS) and Fatal Incident Protocol training. Days later, this protocol was activated during search for a suspect that resulted in an OIS.

01/10/19 - Motor officers and Honor Guard members assisted with the funeral procession for retired Chief Tatum.

01/13/19 - Officers responded to a vehicle accident of an overturned modified drag racing vehicle with two victims inside, not wearing seat belts. The victims later died as a result of their injuries.

01/14/19 - The Communications Center received numerous 911 calls that required increased staff to be called in dealing with a two alarm fire and the search suspect. Traffic, Patrol, ISS, Special Victims Unit (SVU) and Evidence personnel assisted with multiple stabbings and a child with burns and all victims were transported to a local hospital. CHP Air Unit and Fairfield K9 officers located the armed suspect who had injured a K9 officer. As a result of the suspect being shot and killed, the Solano County Fatal Incident Protocol was activated. The investigation is ongoing.

01/14/19 - CHP and Patrol officers responded to a motorcycle accident due to an intoxicated cyclist who had stolen the motorcycle. The driver was transported to the hospital with major injuries.

01/18/19 - Motor officers joined with other agencies to escort deceased Davis PD Officer Corona and her family during the funeral services.

01/19/19 – A Detective and Patrol officer conducted a stabbing investigation. The victim identified a suspect by name and information was disseminate appropriately. The investigation is in preliminary stages.

01/26/19 – Patrol is investigating armed robberies that occurred at two of the Metro PCS stations.

01/28/19 – Mental Health Coordinator (MHC) attended an intern fair at Dominican University in San Rafael to educate Graduate students on the mental health services provided by the Vacaville Police Department who are looking for an internship.

01/28/19 – Youth Special Services (YSS) has two new interns who will be working with at-risk youth at Fairmont School. The school is very supportive and excited about having resources to work with students.

01/28/19 – An investigation into the two armed robbery cases at the Metro PCS stations found similar cases in Rohnert Park, Napa, Fairfield, Vallejo and Concord. Our city cameras played a major role in identifying/arresting the suspect along with surveillance teams from Vacaville, Vallejo, Fairfield, and the FBI Task Force. Search warrants and evidence linked the suspect to 12 armed robberies.

01/31/19 - Staff at the Family Resource Center (FRC) gave 78 children diaper kits from the Diaper Distribution program started in July 2018. These kits contain a one month supply of diapers and wipes for children 0-3 years old. The program is funded by FIRST 5 California and Supplybank.org.

01/31/19 – Evidence staff attended a 3-day training for the 3-D FARO scanner. The FARO is used to create 3-D renditions of crime scenes that are in a workable format the District Attorney and Defense attorneys can use as needed.

01/31/19 - After an exhaustive 2 1/2 week trial, a jury returned a GUILTY verdict against a suspect from a 2017 Vacaville Police Department DUI case serving 15 years to life sentence.

During the month of January:

- Property and Evidence completed 194 discoveries and received 146 dispositions for research. The unit completed the intake of 354 pieces of evidence and completed the disposition of 190 pieces. The unit received 15 subpoenas to appear.
- Records assisted approximately 955 citizens at the front counter. Additionally, they processed 70 vehicles for release, 251 moving citations, 181 parking citations, 143 FI cards, 24 CAD searches, 95 agency report requests, 85 citizen report requests, completed 98 background checks for OPM and conducted 40 Law Enforcement backgrounds.
- Communications Center staff answered 2,123 9-1-1 emergency calls, and 11,075 non-emergency calls. Public Safety Dispatchers made 4,881 outbound calls.
- Communications Center staff processed 754 Priority 1 Police CAD calls, 1,001 Priority 1 Fire CAD calls, 1,753
  Priority 2 CAD calls, 1,749 Priority 3 CAD calls, and 625 Priority 4-6 CAD calls for service for a total of 13,198
  calls processed.
- The Communications Center deployed Rapid Lite mobile location technology in January. This web based product is an additional tool to access fast and more accurate device locations allowing access to data from the NG911 Clearinghouse.

Police Department staff investigated 232 reported crimes in January. Part 1 Crimes for the month of January, as reported to the Department of Justice include:

Homicide - 0	Homeless/Property Removal - 0
Rape - 2	Camping Reports - 1
Robbery - 8	Traffic Collisions – database unavailable
Aggravated Assault - 11	Traffic Citations - 257
Burglary - 11	Panhandling Citations - 0
Larceny - 188	Property Loss - \$302,900
Motor Vehicle Theft - 12	Property Recovery - \$82,276
Adult Arrests - 326	
Juvenile Arrests - 30	

# PUBLIC WORKS

# ENGINEERING SERVICES DIVISION

# **Construction**

Drake's Point Radio Tower Project

This project involves constructing a new public safety radio communications tower and a small equipment building on Drake's Peak which is located on a City-owned open space parcel between Browns Valley Road and Vine Street. The contractor has completed construction of the masonry walls for the building, the retaining wall around the building, and the metal roof. The radio tower pole was set this month utilizing a helicopter.

# Crocker Drive Water Line Extension Project

This project involves constructing approximately 1.5 miles of new 12-inch diameter water main from Crocker Drive to the intersection of Eubanks Drive and Midway Road. The contractor has installed approximately 740 feet of the new water line within Crocker Drive. The project is anticipated to be completed in May 2019, weather permitting.

# Design

#### Allison Parkway Lift Station

The 95% plans and specifications were circulated for review and comment on January 23. Construction is expected to begin in late Spring/early Summer.

#### **Development Engineering**

#### Roberts' Ranch

Roberts Ranch is located on the east side of Leisure Town Road just south of the Brighton Landing development. Development Engineering has reviewed and approved the improvement plans for Villages A and B, which are the first two units. Staff is currently reviewing the offsite improvement plans for the subdivision.

# Vanden II - Casa de Venti

Development Engineering has reviewed and approved the final map for the Vanden II subdivision. The final map created 37 single family units. The improvement plans were previously approved and have been constructed.

# **UTILITIES**

#### ENGINEERING

#### Capital Improvement Program Projects

CSP-S Sewer: Fry Road to Easterly Wastewater Treatment Plant (EWWTP) - (DIF 54A) This large trunk sewer project is being constructed to serve recent and future development in the southeast portion of Vacaville. Construction of this project continues to be delayed due to weather, and construction is expected to resume sometime in March.

#### Reynolds Ranch Reservoir and Booster Pump Station

Reservoir site work has been on hold due to recent weather conditions, but electrical work continued at the reservoir and booster pump station, as well as piping and equipment installation at the pump station. Startup of the project will be delayed until March or April as the developer-constructed water line needed to feed the reservoir has also been delayed by weather.

# Vaca Valley Lift Station Odor Control

This new odor removal system at the Vaca Valley Lift Station will be installed in response to complaints of odors. Utilities Engineering is at the 75% design phase of this project, and has confirmed the size and location of the biofilter for this site. Staff continues to work on project specifications. Construction is expected to be completed in Summer 2019.

#### Well 17

Well 17 will be a new water supply well for the City along Alamo Drive. Kennedy/Jenks Consultants have begun work on the Basis of Design Report and the Predesign Report for the equipping of the well, following a kickoff meeting held with Utilities staff. Wood Rodgers consultants are finalizing specifications for the well drilling, which is expected to go out to bid in a couple months.

#### Maintenance Projects

#### EWWTP Digester 2 Rotamix

The existing gas mixing system in Digesters 1 and 2 has proven to be problematic with costly repairs required to maintain the system. With both Digesters 1 and 2 out of service, the Department elected to replace the gas system with the Rotamix system similar to that used in Digester 3. GSE Construction was awarded the project with their bid of \$426,700, and a pre-construction meeting is scheduled for February 19.

#### Water Plant Clear Well Flap Gate Replacement

The existing flap gate at the clear well at the DE Water Plant has been leaking, creating problems in the offseason when operating Wells 1, 6 and 13. A replacement gate was ordered and has been delivered. Structural inspection of the clear well took place last month in order to finalize the project scope of work. Bids from up to four contractors are due February 25, and construction is expected to be completed prior to starting up the plant in the spring.

#### Infiltration and Inflow Monitoring

Utilities continues to monitor sewer flows in various areas around the City using special monitoring manhole covers. Data gathered helps the department identify actual peak wastewater flows and volumes to improve future demand calculations and design assumptions. Utilities Engineering also worked with Public Works Maintenance to install two sewer level monitors near the Nut Tree Road siphon to remotely monitor and track flow levels to help identify infiltration and inflow issues in the area.

#### Regulatory

#### Sanitary Sewer Management Plan Recertification

Utilities Engineering continued work on the re-certification of the City's Sanitary Sewer Management Plan with Public Works. Updates were received from all departments and divisions involved, and the first draft is expected to be distributed for internal review by the end of February. The re-certification is required by the Statewide General Waste Discharge Requirement every five years and is due by June 2019.

#### MAINTENANCE

#### Mechanical Group

#### Allison Parkway Lift Station

Mechanics responded to an emergency work order when one of the two pumps at the Allison Parkway Lift Station became clogged with non-dispersible materials. The pump required removal with the Department Boom Truck Crane and manual debris removal. Public Works assisted with the Vactor to remove debris.

#### **EWWTP Filtration Building**

Mechanical Staff has completed the change out of three 20-inch flowmeters at the new Filtration Building at Easterly. Many challenges were encountered due to limited accessibility of the meters.

#### EWWTP Sludge Dewatering Presses

Staff completed the change out of a failed gearbox on one of two sludge dewatering presses at Easterly. During the replacement a "dub jug" indicator was also installed to visually determine condensation or water intrusion, as well as a desiccant breather to prevent moisture buildup. A new shaft seal design was considered, but determined to be cost ineffective for this application.

#### Mobile Equipment Storage

Mobile equipment was moved into the new Mobile Equipment Storage Building. The Maintenance Planner is researching floor marking materials to delineate parking stalls and proper clearance around fire protection and electrical equipment.

#### ICE Group

#### Well 13

Control Systems Technicians removed and replaced the Magnetic Flowmeter at Well 13, the Community Garden Well. By replacing the old flowmeter, which no longer met our current standards, with a currently supported model we continue to pursue instrumentation standards, thus reducing the variety and bulk of stock "shelf spares" we need to keep onsite.

#### **EWWTP Turbidity Analyzers**

Technicians removed and replaced two Turbidity Analyzers at the EWWTP. The older analyzers were no longer being produced or supported by the manufacturer. These analyzers are critical and used to report turbidity readings to the state. The new analyzers have improved accuracy, and have a self-cleaning function that will save maintenance an estimated 30 minutes per day.

#### Wykoff Reservoir and Well 13

Electricians completed a project to change all interior lighting at both the Wykoff Reservoir and Well 13, the Community Garden Well, to high efficiency LED lighting. This lighting saves energy, reduces operating costs and has improved reliability. These sites will now require far fewer bulb replacements and will subject Operations staff to far fewer outages.

#### WATER QUALITY

#### FOG Inspections

The Utilities Water Quality Section initiated their inspections of restaurants for proper management of fats, oil and grease. The first round of inspections started with Merchant Street restaurants due to excessive grease buildup in the Merchant street sewer line. As a result of the grease build up, Public Works has had to flush the line every week for the past 15 years, which far exceeds the citywide frequency of once every five years. The first round of inspections are educational only with no enforcement actions taken. Staff is examining each restaurant's grease management practices and then educating them on any deficiencies. All restaurants in the City of Vacaville will be inspected.

# ADMINISTRATION

#### Water Conservation

Staff submitted the January water consumption figures showing that the City had increased its overall water consumption by 2% over the same month in 2013. Residents consumed an average of 76 gallons per day for the month.

#### Water Education

The Department hosted two recent tours for vocational students from Vacaville wishing to learn more about how the plants operate as well as career opportunities in the field. Over 50 students participated and asked a lot of questions as well as expressed their appreciation for all of the great information!