



# CASTROVILLE COMMUNITY SERVICES DISTRICT

P.O. BOX 1065  
OFFICE: 11499 GEIL STREET  
CASTROVILLE, CA 95012  
FAX (831) 633-3103

President – Adriana Melgoza  
Vice President – James R. Cochran  
Director – Glenn Oania  
Director – Ron Stefani  
Director – Cosme Padilla

24-HOUR TELEPHONE: (831) 633-2560

General Manager – Eric Tynan  
Board Secretary – Lidia Santos

Website: [CastrovilleCSD.org](http://CastrovilleCSD.org)

## AGENDA REGULAR MEETING OF THE BOARD OF DIRECTORS TUESDAY, DECEMBER 18, 2018 – 4:30 P.M. DISTRICT BOARD ROOM – 11499 GEIL STREET

*In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the Board meeting, please contact Lidia Santos, Board Secretary during regular business hours at (831) 633-2560. Notification received 48 hours before the meeting will enable the District to make reasonable accommodations.*

### CALL MEETING TO ORDER

### ROLL CALL

### PLEDGE OF ALLEGIANCE

**OATH OF OFFICE-** Certificate of Appointment in Lieu of Election: Adriana Melgoza (4 year term), Cosme Padilla (4 year term), James Cochran (2 year term) and Glenn Oania (2 year term).

**PUBLIC COMMENTS** – (Limited to three minutes per speaker within the jurisdiction of items not on the agenda. Public will have the opportunity to ask questions or make statements as the Board addresses each agenda item.)

### CONSENT CALENDAR:

1. Approve the Draft Minutes of the Regular Board Meeting of November 20, 2018 – motion item

### CORRESPONDENCE:

1. Letter from Monterey County Elections, Certificate of Registrar of Voters in connection with the November 6, 2018 Statewide General Election.

### INFORMATIONAL ITEMS:

1. ACWA News – Recent Groundwater Rulings
2. State Water Resources Control Board, lead sampling of drinking water in California schools (mandatory sampling due July 1, 2019)
3. E&E News – Groundwater's muddy legal history under the Clean Water Act

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**PRESENTATION:**

1. None

**NEW BUSINESS:**

1. Well Permit Applications Activities Update by Monterey County Water Resources Agency – Eric Tynan, General Manager
2. Consider if Castroville CSD should join a water coalition representing Northern Monterey County interest – Eric Tynan, General Manager
3. Approve one-time incentive bonus of \$250 for Operator Orozco along with a \$1 pay increase per hour for certification obtained from State Water Resources Control Board for Treatment-Grade I, effective the 6<sup>th</sup> of December 2018 – **motion item**
4. Report on the 2018 ACWA Fall Conference and Exhibition, November 27-30, 2018 San Diego, California – Director Ron Stefani and General Manager Eric Tynan
5. Senate Bill 998 Discontinuation of residential water service: urban and community water systems, effective on or after February 1, 2020 - Eric Tynan, General Manager
6. Consider approval of second proposal from Gutierrez Consultants for grant funding assistance; not to exceed \$15,000 as previous budget of \$12,000 has been used up – **motion item**

**UNFINISHED BUSINESS:**

1. Update on status of grants for Moss Landing-Sewer Zone 3, Castroville-Sewer Zone 1 and Castroville-Water Zone 1 for system upgrades and improvements - Eric Tynan, General Manager
2. Status of Well #3 – Eric Tynan, General Manager
3. Update on radio system upgrades for water and sewer systems being completed by Life Support Control, contractor – Eric Tynan, General Manager
4. Update on Cal Am Desal – Eric Tynan, General Manager
5. Update on new motor control centers for Moss Landing – Eric Tynan, General Manager

**BOARD OF DIRECTORS COMMUNICATION:** When needed, this time is reserved for the Board of Directors to communicate activity, educational classes, and/or Committee reports.

1. Update on Monterey One Water board meeting – Directors Ron Stefani, and James Cochran
2. Update on the Local Groundwater Sustainability Agency (GSA) Formation – Director Ron Stefani
3. Update on other meetings/educational classes attended by the Directors

**GENERAL OPERATIONS:**

1. **General Manager's Report** – Compliance Update, Current Projects Update, Seminars Update, Staff Update, Suggestive Projects Discussions
2. **Operation's Report**
  - a) Water – Pumpage & Usage Update, Water Testing Update, Current Installation

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- b) Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
- c) Sewer & Storm Drain – Jetting, Current Installation Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
- 3. **Customer/Billing Reports** – A/R Update, Water Sales, Water Usage
- 4. **Financial Reports** – Treasures Report-L.A.I.F., Quarterly Financial Statements\*\*Internal Report\*\* and Administration Update

**CHECK REGISTER** – Receive and file the Check Register for the month of November 2018 – motion item

**ITEMS FOR NEXT MONTHS AGENDA: Tuesday, January 15, 2019 at 4:30 p.m. CLOSE:**

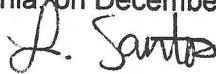
Adjournment to the next regular scheduled Board Meeting – motion item

All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 11499 Geil Street, Castroville, California.

**Certification of Posting**

I certify that on December 14, 2018, I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of the Castroville Community Services District, said time being at least 72 hours in advance of the meeting of the Board of Directors (Government Code Section 54954.2).

Executed at Castroville, California, on December 14, 2018.



Lidia Santos, Board Secretary

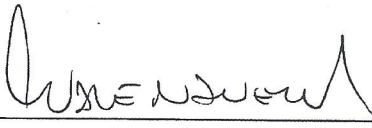
# Certificate of Appointment in Lieu of Election and Oath of Office

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, Claudio Valenzuela, Registrar of Voters, in and for the County of Monterey, do hereby certify that **Cosme Padilla** was appointed to the office of **Castroville Community Services District, Director** for a term of **4 years** by the supervising authority in lieu of conducting an election on **November 6, 2018**.

In Witness Whereof, I have hereunto affixed my hand and official seal on **October 3, 2018**.

Claudio Valenzuela,  
Monterey County Registrar of Voters

By 

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, **Cosme Padilla**, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California, that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

\_\_\_\_\_  
(Signature)

Subscribed and sworn to before me, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Signature of Person Administering Oath)

\_\_\_\_\_  
(Title)

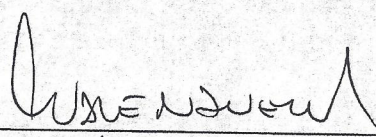
# Certificate of Appointment in Lieu of Election and Oath of Office

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, Claudio Valenzuela, Registrar of Voters, in and for the County of Monterey, do hereby certify that **Adriana Melgoza** was appointed to the office of **Castroville Community Services District, Director** for a term of **4 years** by the supervising authority in lieu of conducting an election on **November 6, 2018**.

In Witness Whereof, I have hereunto affixed my hand and official seal on **October 3, 2018**.

Claudio Valenzuela,  
Monterey County Registrar of Voters

By 

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, **Adriana Melgoza**, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California, that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

\_\_\_\_\_  
(Signature)

Subscribed and sworn to before me, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Signature of Person Administering Oath)

\_\_\_\_\_  
(Title)

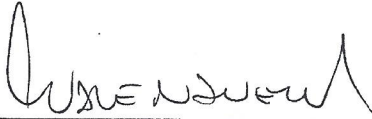
# Certificate of Appointment in Lieu of Election and Oath of Office

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, Claudio Valenzuela, Registrar of Voters, in and for the County of Monterey, do hereby certify that **James Cochran** was appointed to the office of **Castroville Community Services District, Director** for a term of **2 years** by the supervising authority in lieu of conducting an election on **November 6, 2018**.

In Witness Whereof, I have hereunto affixed my hand and official seal on **October 3, 2018**.

Claudio Valenzuela,  
Monterey County Registrar of Voters

By 

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, **James Cochran**, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California, that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

\_\_\_\_\_  
(Signature)

Subscribed and sworn to before me, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Signature of Person Administering Oath)

\_\_\_\_\_  
(Title)

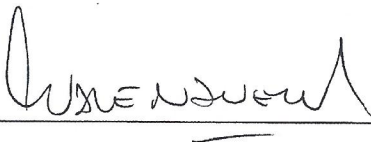
# Certificate of Appointment in Lieu of Election and Oath of Office

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, Claudio Valenzuela, Registrar of Voters, in and for the County of Monterey, do hereby certify that **Glenn Oania** was appointed to the office of **Castroville Community Services District, Director** for a term of **2 years** by the supervising authority in lieu of conducting an election on **November 6, 2018**.

In Witness Whereof, I have hereunto affixed my hand and official seal on **October 3, 2018**.

Claudio Valenzuela,  
Monterey County Registrar of Voters

By  \_\_\_\_\_

STATE OF CALIFORNIA }  
COUNTY OF MONTEREY } ss

I, **Glenn Oania**, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California, that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

\_\_\_\_\_  
(Signature)

Subscribed and sworn to before me, this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

\_\_\_\_\_  
(Signature of Person Administering Oath)

\_\_\_\_\_  
(Title)

THE OFFICIAL MINUTES OF THE REGULAR BOARD MEETING OF  
CASTROVILLE COMMUNITY SERVICES DISTRICT  
November 20, 2018

President Silvestre Montejano called the meeting to order at 4:32 p.m.

**ROLL CALL:**

**Directors Present:** President Silvestre Montejano, Vice President Adriana Melgoza, Director Glenn Oania, Director James Cochran and Director Ron Stefani

**Absent:**

**General Manager:** Eric Tynan

**Secretary to the Board:** Lidia Santos

**Staff Present:**

**Guest:** Cosme Padilla, Grant T. Leonard, Brenda Montejano and Gary Porter (arrives at 4.47 p.m.)

**PLEDGE OF ALLEGIANCE**

President Silvestre Montejano requested Director Ron Stefani lead the Pledge of Allegiance.

**PUBLIC COMMENTS**

1. Cosme Padilla thanked President Silvestre Montejano for his public service as a Castroville CSD Board of Director. Mr. Padilla was a former Castroville CSD board member from 1994-2003 and will be taking President Montejano's seat at the next month's regularly scheduled board meeting. Mr. Leonard also thanked Mr. Montejano for his public services.

**CONSENT CALENDAR**

1. A motion was made by Adriana Melgoza and seconded by Ron Stefani to approve the minutes of the October 16, 2018 Scheduled Board Meeting. The motion carried by the following vote:

|                |   |            |  |
|----------------|---|------------|--|
| AYES:          | 5 | Directors: | Oania, Stefani, Melgoza, Cochran and Montejano |
| NOES:          | 0 | Directors: |  |
| ABSENT/NOT     |   |            |  |
| PARTICIPATING: | 0 | Directors: |  |

*Consent Calendar accepted as presented*

**CORRESPONDENCE:**

1. Copy of the speech presented by Castroville CSD General Manager Eric Tynan to the California Public Utilities Commission in support of Cal Am's proposed desal project, July 2018.
2. Letter from the Salinas Valley Water Coalition to the Salinas Valley Basin Groundwater Sustainability Agency regarding potential projects for consideration.
3. Letter thanking North Salinas Valley Mosquito Abatement District for assisting Castroville CSD on the 8<sup>th</sup> of July in an effort to access sewer manholes at the North Monterey County High School.
4. North County Recreation and Park District, 1<sup>st</sup> Quarter (July-September 2018) report on extended recreation.

*Correspondence Calendar accepted as presented*

**INFORMATIONAL ITEMS:**

1. *Sanford University Free Press* – How do we cope with demands for water as we enter an era of scarcity?
2. *Monterey County Weekly* – Marina Coast Water District, city of Marina sue over Cal Am's proposed desal project
3. *The Sacramento Bee* – Did gas, homeless people and sick kids kill California's water bond?

*Informational items accepted as presented*



The Board skipped down to New Business, item 3 on the agenda since the auditor had not arrived.

**PRESENTATIONS:**

1. Porter & Lasiewicz, Certified Public Accountants to present audit report for fiscal year ended June 30, 2018 – Castroville CSD's annual financial audit for fiscal year ended June 30, 2018 was recently completed and presented to the Board of Directors by Certified Public Accountant Gary Porter with Porter & Lasiewicz. Per Mr. Porter, Castroville CSD received a clean audit and opinion, which is issued by an auditor when the financial statements presented are free from material misstatements and are represented fairly in accordance with Generally Accepted Accounting Principles (GASB). In other words, Castroville CSD's financial condition, position, and operations are fairly presented in their financial statements. It is the best type of report opinion an auditee may receive from an external auditor. Mr. Porter asked if the Board had any questions or concerns regarding the audit report. Since there were no questions, he reminded the board as he discussed with them last year that as of 2015-2016 the audit report now reflects the net pension liability. GASB 68 improves accounting and financial reporting by state and local governments for pensions. It also improves information provided by state and local governmental employers about financial support for pensions that is provided by other entities. For the first time employers will recognize their net pension liability, deferred outflow of resources, deferred inflows of resources, and pensions expense on their financial statements. He also informed the Board that his firm tested the following: balance sheet, cash receipts, accounts receivable, accounts payable, payroll and reviewed banks statements as part of internal controls. The main focus was on the entire balance sheet. They selected transactions at random to review and found no such indications of errors or fraud. Mr. Porter stated that there is a perennial matter that he is required to mention every year to Castroville CSD and one he also addresses to various boards which is the lack of segregation of duties. This is typical of organizations that have less than 6 employees. With a small staff it is almost impossible to achieve an adequate segregation of duties, which is impossible to avoid and it is simply not cost effective to hire additional staff. As long as mitigation controls are in place, which he believes Castroville CSD has, it reduces the risk to an acceptable level. Organizations will also have to rely on the integrity and trust of employees. In addition, Castroville CSD Board of Directors are signing checks, viewing the cash report (internal report) and other financial reports on a regular basis, even though some if this information is viewed after the fact, except for the checks. He feels the Board has a pretty good feel of what is going on with the District and it would be very difficult for somebody to get away with something based on his review of the system. Mr. Porter also wanted to thank Castroville CSD staff for always being very cooperative, transparent and having all the data ready for them to view when they arrive to the District to conduct the annual audit. He also wanted to inform the Board that the Office Manager/Secretary to the Board, Lidia Santos does a great job!

**NEW BUSINESS:**

1. Resolution No. 18-5, A Resolution of the Board of Directors of the Castroville Community Services District to Accept Audit Report for Fiscal Year Ended June 30, 2018, as Prepared by Porter & Lasiewicz, Certified Public Accountants – Following the presentation of the audit and discussion, a motion is made by Glenn Oania and seconded by Ron Stefani to approve Resolution No. 18-5, A Resolution of the Board of Directors of the Castroville Community Services District to Accept Audit Report for Fiscal Year Ended June 30, 2018 as prepared by Porter & Lasiewicz, Certified Public Accountants. The motion carried by the following vote:  

|                           |   |            |  |
|---------------------------|---|------------|--|
| AYES:                     | 5 | Directors: | Oania, Stefani, Melgoza, Cochran and Montejano |
| NOES:                     | 0 | Directors: |  |
| ABSENT/NOT PARTICIPATING: | 0 | Directors: |  |
2. Consider approving Porter & Lasiewicz CPAs Audit Services Agreement for the years ended June 30, 2020, 2021 and 2022 – Once the Board has reviewed the audit services agreement presented, a motion is made by Glenn Oania and seconded by James Cochran to approve Porter & Lasiewicz CPAs Audit Services Agreement for the years ended June 30, 2020, 2021 and 2022. The motion carried by the following vote:

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AYES: 5 Directors: Oania, Stefani, Melgoza, Cochran and Montejano  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 0 Directors

3. Resolution No. 18-6 of Commendation for Silvestre Montejano for Distinguished Service as a Key Board Member of the Castroville Community Services District –For Board Member recognition, on behalf of the Castroville CSD Board and staff, General Manager Eric Tynan presents President Silvestre Montejano with a plaque for his public service as a Castroville CSD Board of Director for the years 2013-2018 as his term has ended this year. A motion is made by Adriana Melgoza and seconded by Ron Stefani to approve Resolution No. 18-6 of Commendation for Silvestre Montejano for Distinguished Service as a Key Board Member of the Castroville Community Services District. The motion carried by the following vote:

AYES: 5 Directors: Oania, Stefani, Melgoza, Cochran and Montejano  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 0 Directors

4. Appoint new President and Vice President for the Castroville CSD Board of Directors, effective 7<sup>th</sup> of December 2018 – After some discussion, a motion is made by Glenn Oania and seconded by James Cochran to appoint Adriana Melgoza as President and James Cochran as Vice President of the Castroville CSD Board of Directors. The motion carried by the following vote:

AYES: 5 Directors: Oania, Stefani, Melgoza, Cochran and Montejano  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 0 Directors

5. Approve purchase of new 2017 Ram crane truck for \$64,149 from My Jeep Chrysler Dodge Ram – General Manager Eric Tynan reminded the board that the approved budget for fiscal year 2018/2019 includes a new crane truck, which he has found, well below the budget allocated of \$117K. The specifications and cost of the 2017 Ram crane truck can be viewed on pages 34-35 of the board packet. A motion is made by Adriana Melgoza and seconded by Glenn Oania to authorize the purchase of the 2017 Ram crane truck for the remaining balance of \$59,148.10 since a \$5,000 deposit was already made to My Jeep Chrysler Dodge Ram once the 2017 Ram crane truck is delivered to the District. The motion carried by the following vote.

AYES: 5 Directors: Oania, Stefani, Melgoza, Cochran and Montejano  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 0 Directors

6. Address the concerns of the buyer of the 2006 Chevrolet truck purchased on Govdeals.com – General Manager Eric Tynan informed the Board that the buyer of the district's 2006 Chevrolet truck has requested to return the truck to Castroville CSD since it has become inoperable since he picked it up and drove it to Stockton. The buyer stated that temperature gauge was not working properly and the truck will not start now. General Manager Eric Tynan stated that in his opinion the buyer bid and paid too much for the truck, \$5,700 and it is probably only worth \$3,500. He recommends the Board allow the buyer to return the truck since this truck has been very problematic. Once the District troubleshoots what is wrong with the truck, instead of selling it, the District could consider donating it to the NCRPD instead. A motion is made by Glenn Oania and seconded by Ron Stefani to have the buyer return the 2006 Chevrolet truck to the Castroville CSD. The motion carried by the following vote:

AYES: 5 Directors: Oania, Stefani, Melgoza, Cochran and Montejano  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 0 Directors

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7. Consider adding Castroville entry signs to Castroville CSD property liability schedule – General Manager Eric Tynan reported to the Board that the Castroville sign that is located on Highway 1 coming to Castroville from Marina was cut down. It will cost \$1,000 to repair and replace the post. All of the Castroville entry signs are not currently insured and he has requested to add them to Castroville CSD property liability schedule. The signs were originally put in place by the County Redevelopment Agency, which has since dissolved. After some discussion, a motion is made by Adriana Melgoza and seconded by Glenn Oania to add the Castroville entry signs to Castroville CSD property liability schedule. The motion carried by the following vote:

|                           |   |            |  |
|---------------------------|---|------------|--|
| AYES:                     | 5 | Directors: | Oania, Stefani, Melgoza, Cochran and Montejano |
| NOES:                     | 0 | Directors: |  |
| ABSENT/NOT PARTICIPATING: | 0 | Directors: |  |

8. Discuss domestic sprinkler issues regarding single or dual lines – Eric Tynan, General Manager let the Board know that he had met with Fire Chief Mendoza to discuss domestic sprinklers for single and dual lines. They came to the conclusion that anytime a service is shutoff for nonpayment, the District will notify the North County Fire Department when the service is shut off and turned back on for the reason that there will be no fire protection to the property when service is shutoff.
9. Consider updating the boardroom with new flooring and painting the interior – General Manager Eric Tynan advised the Board that the Board room is in need of some new flooring and also painting the interior. The Board all concurred that the boardroom needs to be updated but will like to see laminated flooring instead of carpet put in. A motion is made by Glenn Oania and seconded by James Cochran for the District to move forward with updating the boardroom with laminate flooring and painting the interior as well. The motion carried by the following vote:

|                           |   |            |  |
|---------------------------|---|------------|--|
| AYES:                     | 5 | Directors: | Oania, Stefani, Melgoza, Cochran and Montejano |
| NOES:                     | 0 | Directors: |  |
| ABSENT/NOT PARTICIPATING: | 0 | Directors: |  |

**The Board returned to the Presentation item and normal order of business on the agenda since the auditor has arrived.**

**UNFINISHED BUSINESS:**

1. Status of Well #3 – General Manager Eric Tynan informed the Board as mentioned at last months' board meeting that he continues to monitor Well #3 monthly for chloride levels, which have been holding steady. Since Maggiora Brothers Drilling has not responded, he has now contacted Alsop Electric Motor Shop to see if they would be able to investigate Well #3 to see if the K-packers could be leaking and need to be re-installed. The sleeve will need to be pulled and then re-install the K-Packers. He is also researching advance reverse osmosis treatment with minimal brine residual for this well.
2. Update on status of grants for Moss Landing-Sewer Zone 3, Castroville-Sewer Zone 1 and Castroville-Water Zone 1 for system upgrades and improvements - General Manager Eric Tynan reminded the Board that Castroville CSD submitted a grant application for Prop 1 funding to the State Water Resource Control Board for the Moss Landing Sewer Zone 3. The big news is that The "Median Household Income" survey (MHI) that was mailed out three times has finally been completed. It required door to door contact to get the residents in Moss Landing to respond to this survey. The results of the Moss Landing MHI survey should be available the first week of December 2018. Current funding efforts: Moss Landing sewer system improvements, Castroville emergency well replacement, Castroville water supply improvements and Castroville wastewater improvements.
3. Update on radio system upgrades for water and sewer systems for \$15,956 and have contractor install – General Manager Eric Tynan reported to the Board that the radios are all programmed and just need to be installed. He just spoke to the contractor who stated he has been having health issues and this is the reason that he has not responded or completed the project. However, he plans to work on it this Saturday.

4. Update on Cal Am Desal project – General Manager Eric Tynan reminded to the Board that Marina Coast Water District just filed a lawsuit with the California Public Utilities Commission (CPUC) for the reason that they issued Cal Am a certificate of public necessity which allows Cal Am to proceed with their desal project. General Manager Eric Tynan stated that Marina Coast Water District's claims against the Cal Am Desal project are inaccurate. In addition, Castroville CSD will need to acquire an easement for Molera Road for the desal project. Cosme Padilla, soon to be Castroville CCSD Board Member asked if the passing of Measure J would impact the Cal Am Desal project. General Manager Eric Tynan stated that the contract Cal Am has with other agencies regarding the Cal Am Desal project should still be recognized but the project may get stalled.
5. Consider implementing an employee wage step program – General Manager Eric Tynan presented the Board with an employee wage step program for their approval which can be viewed on pages 38-39. All staff positions are listed. He did not list the General Manager on the wage step program since this position is an employee of the Board. After some discussion, a motion is made by Glenn Oania and seconded by Ron Stefani to implement the employee wage step program presented for 2018. The motion carried by the following vote:  

|                           |   |            |  |
|---------------------------|---|------------|--|
| AYES:                     | 5 | Directors: | Oania, Stefani, Melgoza, Cochran and Montejano |
| NOES:                     | 0 | Directors: |  |
| ABSENT/NOT PARTICIPATING: | 0 | Directors: |  |
6. Update on new motor control centers for Moss Landing - General Manager Eric Tynan informed the Board that the motor control centers for Moss Landing sanitation were built in 1984 and need to be replaced. The motor control centers have rusted thru and are in need of replacement. He has contacted three different vendors and is waiting to receive their quotes.

**BOARD OF DIRECTORS COMMUNICATION:** When needed, this time is reserved for the Board of Directors to communicate activity, educational classes, and/or Committee reports.

1. Update on Monterey One Water board meeting – Director Ron Stefani stated that the Pure Water Monterey project is 60% complete. The injections wells are on and still on schedule although they encountered a little setback. The former project manager of the Pure Water Monterey project has filed a claim against Monterey One Water.
2. Update on the Local Groundwater Sustainability Agency (GSA) Formation – Director Ron Stefani reported that there was no meeting schedule for November but there is a meeting scheduled for December.
3. Update on meetings or educational classes attended by the Directors - None

#### GENERAL OPERATIONS

1. General Manager's Report – Compliance update, current projects update, meetings/seminars update, staff update, suggestive projects discussions
2. Operation's Report
  - a) Water – Pumpage & Usage Update, Water Testing Update, Current Installation
  - b) Water -Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issue
  - c) Sewer & Storm Drain – Jetting, Current Installation Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
3. Customer /Billing Reports – Water Sales, Water Usage, A/R Update, Customer Service Update
4. Financial Reports – Treasures L.A.I.F. Report, Internal Report, Administration Update

*General Operations Reports were accepted as presented*

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**CHECK LIST** –October 2018. A motion was made by Adriana Melgoza and seconded by James Cochran to pay all bills presented. The motion carried by the following vote:

|                |   |            |  |
|----------------|---|------------|--|
| AYES:          | 5 | Directors: | Oania, Stefani, Melgoza, Cochran and Montejano |
| NOES:          | 0 | Directors: |  |
| ABSENT/NOT     |   |            |  |
| PARTICIPATING: | 0 | Directors: |  |

There being no further business, a motion was made by Adriana Melgoza and seconded by Glenn Oania to adjourn to the next scheduled Board meeting; the motion carried by the following vote:

|                |   |            |  |
|----------------|---|------------|--|
| AYES:          | 5 | Directors: | Oania, Stefani, Melgoza, Cochran and Montejano |
| NOES:          | 0 | Directors: |  |
| ABSENT/NOT     |   |            |  |
| PARTICIPATING: | 0 | Directors: |  |

The meeting adjourned at 5:42 p.m. until the next scheduled meeting

Respectfully submitted by,

Approved by,

---

Lidia Santos  
Secretary to the Board

---

Adriana Melgoza  
President

# MONTEREY COUNTY ELECTIONS

---



1441 Schilling Place-North Building  
Salinas, CA 93901

PO Box 4400  
Salinas, CA 93912

831-796-1499 Phone  
831-755-5485 Fax

[www.MontereyCountyElections.us](http://www.MontereyCountyElections.us)

[elections@co.monterey.ca.us](mailto:elections@co.monterey.ca.us)

**Claudio Valenzuela**  
Registrar of Voters

**Gina Martinez**  
Assistant Registrar of Voters

October 31, 2018

Castroville Community Services District  
Attention: Lidia Santos, Office Manager  
P.O. Box 1065  
Castroville, CA 95012

Subject: Appointment in Lieu of Election

Attached hereto is the Certificate of the Registrar of Voters in connection with the November 6, 2018 Statewide General Election.

Sincerely,

Claudio Valenzuela  
Registrar of Voters

Enclosures

# CERTIFICATE OF REGISTRAR OF VOTERS

State of California  
County of Monterey } ss.

I, **Claudio Valenzuela**, Registrar of Voters of the County of Monterey, State of California hereby certify;

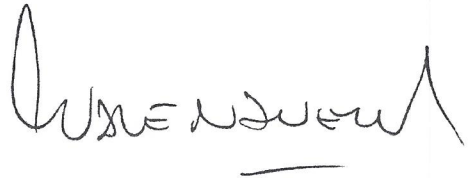
**WHEREAS**, the number of nominees did not exceed the number of offices required by law to be filled at the Election held on the 6<sup>th</sup> day of November 2018 within the boundaries of the **Castroville Community Services District**;

**NOW, THEREFORE** the Registrar of Voters hereby requests the supervising authority to appoint the following qualified person or persons as listed below:

Cosme Padilla, 4-year term

Adriana Melgoza, 4-year term

**IN WITNESS WHEREOF**, I have hereunto affixed my hand and official seal this Tuesday, October 2, 2018 and filed this date with the **Castroville Community Services District**.



**Claudio Valenzuela**  
Registrar of Voters

# CERTIFICATE OF REGISTRAR OF VOTERS

State of California  
County of Monterey } ss.

I, **Claudio Valenzuela**, Registrar of Voters of the County of Monterey, State of California hereby certify;

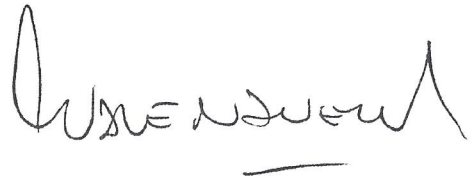
**WHEREAS**, the number of nominees did not exceed the number of offices required by law to be filled at the Election held on the 6<sup>th</sup> day of November 2018 within the boundaries of the **Castroville Community Services District**;

**NOW, THEREFORE** the Registrar of Voters hereby requests the supervising authority to appoint the following qualified person or persons as listed below:

James Cochran, 2-year term

Glenn Oania, 2-year term

**IN WITNESS WHEREOF**, I have hereunto affixed my hand and official seal this Tuesday, October 2, 2018 and filed this date with the **Castroville Community Services District**.



**Claudio Valenzuela**  
Registrar of Voters







# RECENT GROUNDWATER RULINGS





Federal courts have taken divergent approaches in many recent cases involving the Clean Water Act's application to pollution that migrates through groundwater.

SUPREME COURT PETITIONS    APPELLATE COURT DECISIONS    DISTRICT COURT DECISIONS





## COUNTY OF MAUI V. HAWAII WILDLIFE FUND

-  **ISSUE:** Water pollution linked to wastewater facility in Maui
-  **ORIGINATING COURT:** 9th U.S. Circuit Court of Appeals
-  **RULING:** The 9th Circuit found the Clean Water Act applies to pollutants that move through groundwater when they have a "fairly traceable" connection to a point source.
-  **STATUS:** The county asked the Supreme Court to review the 9th Circuit's ruling.





## KINDER MORGAN ENERGY PARTNERS LP V. UPSTATE FOREVER

-  **ISSUE:** Water pollution linked to ruptured gasoline pipeline in South Carolina
-  **ORIGINATING COURT:** 4th U.S. Circuit Court of Appeals
-  **RULING:** The 4th Circuit found the Clean Water Act applies to pollutants that move through groundwater, as long as they ultimately reach a federal water body via a "direct hydrological connection."
-  **STATUS:** Kinder Morgan asked the Supreme Court to review the 4th Circuit's ruling.





## KENTUCKY WATERWAYS ALLIANCE V. KENTUCKY UTILITIES CO.

-  **ISSUE:** Water pollution linked to coal ash disposal
-  **COURT:** 6th U.S. Circuit Court of Appeals
-  **RULING:** The 6th Circuit found the Clean Water Act does not cover pollutants that allegedly moved from coal ash disposal sites through groundwater and into a nearby lake.
-  **STATUS:** Lower-court action on separate Resource Conservation and Recovery Act claims is ongoing.





## TENNESSEE CLEAN WATER NETWORK V. TENNESSEE VALLEY AUTHORITY

-  **ISSUE:** Water pollution linked to coal ash disposal
-  **COURT:** 6th U.S. Circuit Court of Appeals
-  **RULING:** The 6th Circuit found the Clean Water Act does not cover coal ash pollution that allegedly made its way through groundwater to the Cumberland River.
-  **STATUS:** The appeals court is considering a rehearing request.





## SIERRA CLUB V. VIRGINIA ELECTRIC & POWER CO.

-  **ISSUE:** Water pollution linked to coal ash disposal
-  **COURT:** 4th U.S. Circuit Court of Appeals
-  **RULING:** The 4th Circuit found the Clean Water Act does not cover coal ash pollution that reached local streams via groundwater.
-  **STATUS:** The court denied rehearing requests.





## PRAIRIE RIVERS NETWORK V. DYNEGY MIDWEST GENERATION LLC

-  **ISSUE:** Water pollution linked to coal ash disposal
-  **COURT:** U.S. District Court for the Central District of Illinois
-  **RULING:** The district court found the Clean Water Act does not cover coal ash pollution that allegedly moved through groundwater to surface water.
-  **STATUS:** No action since the Nov. 14 decision.

## TOXICS ACTION CENTER INC. V. CASELLA WASTE SYSTEMS INC.

-  **ISSUE:** Water pollution linked to landfill
-  **COURT:** U.S. District Court for the District of Massachusetts
-  **RULING:** The district court rejected arguments that the Clean Water Act covers pollutants that allegedly seeped from a town landfill into groundwater and ultimately contaminated wetlands and drinking water.
-  **STATUS:** The parties are wrangling with the district court over whether they can challenge its decision to the 1st U.S. Circuit Court of Appeals while separate claims are still pending.

## 26 CROWN STREET ASSOCIATES LLC V. GREATER NEW HAVEN REGIONAL WATER POLLUTION CONTROL AUTHORITY

-  **ISSUE:** Water pollution linked to municipal sewer system
-  **COURT:** U.S. District Court for the District of Connecticut
-  **RULING:** The district court dismissed the case and rejected the argument that the Clean Water Act covers sewer overflows that seeped into groundwater and allegedly reached the Long Island Sound.
-  **STATUS:** The case was appealed to the 2nd U.S. Circuit Court of Appeals but is on hold while the parties consider settlement options.

# LEAD SAMPLING OF DRINKING WATER IN CALIFORNIA SCHOOLS

Mandatory Sampling Due July 1, 2019

## OVERVIEW

### ASSEMBLY BILL (AB) 746 Mandatory Program

- Bill was signed on October 13, 2017 and added Section 116277 to the California Health and Safety Code
- Bill stated that beginning January 1, 2018, a community water system **must** sample a public school(s) located in their service area by July 1, 2019

### Schools that are exempt from the AB 746 mandatory sampling:

- Schools built or modernized after 2010
- Schools sampled under the 2017 Public Water Supply Permit Amendment (Permit Amendment)
- Schools that have independently sampled for lead since 2009 and posted the results publicly
- Schools that supply their own water and are exempt as a public water system

### PERMIT AMENDMENT Optional Program

- A Permit Amendment was issued in January 2017 to all community water systems in California
- The Permit Amendment stated that any K-12 school in California (both public and private) could request sampling for lead by November 1, 2019
- Public water systems receiving requests for sampling from schools in their service area must sample those schools

## CURRENT RESULTS FOR AB 746 AND PERMIT AMENDMENT AS OF AUGUST 6

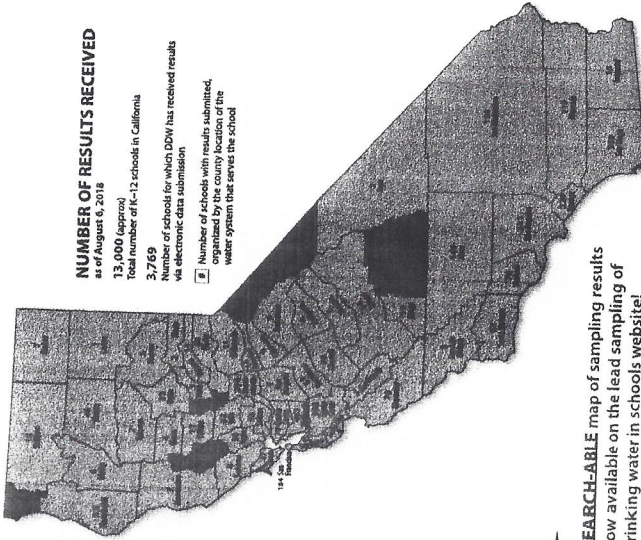
- Division of Drinking Water has received results for 3,769 schools in California through both the Assembly Bill 746 and the Permit Amendment
  - The Action Level is 15ppb
  - A total of 137 sample locations had at least one action level exceedance
- This is less than 1% of 17,717 total sample locations

### NUMBER OF RESULTS RECEIVED

as of August 6, 2018

13,000 (approx)  
Total number of K-12 schools in California  
3,769  
Number of schools for which DDW has received results via electronic data submission

☐ Number of schools with results submitted, organized by the county location of the water system that serves the school



**SEARCHABLE** map of sampling results now available on the lead sampling of drinking water in schools website!

## PROGRAM PROCESSES

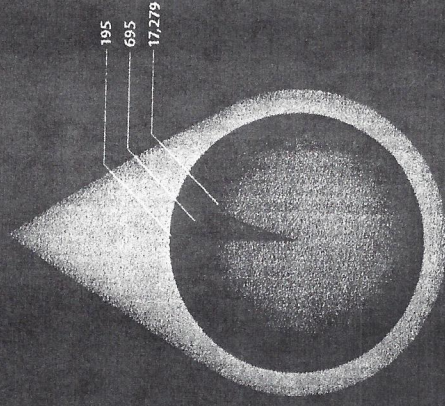
Under the Permit Amendment

1. Superintendent or designee of school submits a written request before November 1, 2019 to the public water system (with a copy to the Division of Drinking Water)
2. Within 60 days of request, public water system schedules meeting with school to identify sample locations
3. Public water system samples within 90 days and provides results to school within 10 business days of receiving them if results are less than the Action Level (15ppb) and within 2 business days if results are greater than the Action Level
4. Laboratory contracted by the public water system submits data electronically to the Division of Drinking Water
5. School decides response: options include additional samples, removing source, replacing fixture, or other repairs

Under Assembly Bill 746

1. Public water system **must** contact the public school to meet and develop a sampling plan
2. Public water system samples any time before July 1, 2019 and reports findings to the school within 10 business days of receiving results from the lab if results are less than the Action Level and within 2 business days if results are greater than the Action Level
3. Laboratory contracted by the public water system submits data electronically to the Division of Drinking Water
4. School notifies the parents and guardians of students at schools where elevated levels of lead are found
5. School takes immediate steps to make fountains/faucets inoperable where levels above Action Level are found
6. School coordinates with the Public Water system to determine if further sampling at the distribution source is needed

## SCHOOL LEAD SAMPLING OF DRINKING WATER DATA SUMMARY



- ☐ Results greater than 15ppb
- ☐ Results between 5 and 15ppb
- ☐ Results less than 5ppb



Sampling instructions, frequently asked questions (for both schools and water systems), data summaries, and more are available at [waterboards.ca.gov/leadsamplinginschools](http://waterboards.ca.gov/leadsamplinginschools)

DDW-PLU@waterboards.ca.gov

Bett Ginn 916.322.9602  
Ariel Chavez 916.322.9601  
Wendy Kikau 916.449.5158

## SUPREME COURT

# Groundwater's muddy legal history under the Clean Water Act

Ellen M. Gilmer, E&E News reporter *Greenwire*: Tuesday, December 4, 2018

The Supreme Court in Washington, D.C. *Sumira Moses*/Wikimedia Commons

The Supreme Court has signaled its interest in a potentially game-changing debate over the scope of the Clean Water Act.

The justices yesterday invited the Trump administration to weigh in on whether the law applies to pollutants that travel through groundwater before reaching surface water.

If ultimately accepted for review, the litigation will pose the biggest environmental law question on the Supreme Court's docket this term. It's a wonky but consequential issue with nationwide implications for how the Clean Water Act is applied.

Before the court are two cases raising similar issues. *County of Maui v. Hawai'i Wildlife Fund* involves wastewater injection wells on the Hawaiian island, where pollutants from the waste seeped through groundwater and ultimately reached the Pacific Ocean.

In *Kinder Morgan Energy Partners LP v. Upstate Forever*, a South Carolina pipeline rupture leaked gasoline into groundwater, which eventually spread contaminants into nearby streams.

Federal appellate courts concluded that Clean Water Act violations had occurred in both cases, with the groundwater serving as a conduit for pollutants.

But critics say the rulings represent a radical expansion of the landmark environmental law, stretching it to cover groundwater pollution that's traditionally in the states' domain.

The solicitor general now has the chance to outline the Trump administration's views on the cases, and the Supreme Court will then decide whether to get involved (*Greenwire*, Dec. 3).

Here's a breakdown of the issues:

### **Why the disagreement over whether the Clean Water Act applies?**

The debate centers on cornerstone language of the 1972 law describing the types of discharges that are prohibited without a permit: "any addition of any pollutant to navigable waters from any point source."

Groundwater isn't considered a navigable water subject to the Clean Water Act. Instead, underground pollution tends to fall under state law or, in some instances, more targeted federal laws like the Resource Conservation and Recovery Act.

In the *Maui* and *Kinder Morgan* cases, the injection wells and the pipeline at issue fit neatly within the statute's definition of point source — a "discernible, confined and discrete conveyance" — but the litigants disagree over whether they are adding pollutants to navigable waters.

The two courts applied different variations of the so-called conduit theory for Clean Water Act applicability. In the Hawaii case, the 9th U.S. Circuit Court of Appeals concluded that the pollutants in the Pacific Ocean, a navigable water, had "fairly traceable" connection to a point source, the injection wells, and were therefore subject to the law.

The 4th U.S. Circuit Court of Appeals applied a different standard in the *Kinder Morgan* case but arrived at a similar result, finding the pollutants were covered by the Clean Water Act because they reached a U.S. water through a "direct hydrological connection."

Proponents of the rulings argue that placing pollution-via-groundwater outside the scope of the Clean Water Act would amount to a massive loophole in the law, allowing businesses and individuals to avoid liability by funneling pollutants underground.

"Just the mere fact that the contaminated water passed through the groundwater on the way to the surface water should not take it out of the coverage of the Clean Water Act," said Earthjustice attorney Thomas Cmar, who represents environmental groups in similar litigation in Kentucky.

Opponents note that Congress specifically rejected a proposal to include groundwater discharges in the original law. And many states argue that state regulators are well-equipped to oversee that realm of pollution and have long exercised their authority over it.

"Just because there's a pollution problem doesn't mean that we have to contort a particular statute in order to reach it," Pacific Legal Foundation attorney Damien Schiff said in a recent Federalist Society call.

### **What have courts said?**

Federal courts have taken divergent approaches to the issue of pollution that migrates through groundwater, with some concluding it falls under the Clean Water Act and others concluding it doesn't.

Some court precedent dates back decades. In 1994, for example, the 7th U.S. Circuit Court of Appeals rejected the argument that a retention pond required a Clean Water Act permit because pollutants could seep from the pond into groundwater and then into "hydrologically connected" surface waters.

In 2001, the 5th U.S. Circuit Court of Appeals emphasized state oversight of groundwater when it rejected arguments relating to oil and gas well pollution traveling through groundwater en route to surface waters.

The 9th Circuit's *Maui* decision and the subsequent 4th Circuit ruling in the *Kinder Morgan* case drew swift attention in the environmental law community. While district courts have come down on both sides of the issue through the years, the two appellate rulings marked the highest-profile adoptions of the broader interpretation of the Clean Water Act.

Since then, however, several court opinions have gone in the other direction. The 6th U.S. Circuit Court of Appeals and, interestingly, the 4th Circuit have issued decisions rejecting the approach in the context of pollution tied to coal ash disposal sites.

Opponents of the conduit theory say it's a classic circuit split that must be resolved by the Supreme Court. Environmentalists note that a rehearing request is still pending in the 6th Circuit and argue that the court should allow the law to continue developing in the circuits.

Supreme Court opinions also play an important role in the debate. Proponents of the groundwater conduit theory point to the late Justice Antonin Scalia's opinion in the infamously messy *Rapanos v. United States* ruling, which splintered the court into several opinions.

The plurality opinion noted that the Clean Water Act doesn't address the "addition of a pollutant *directly* to navigable waters," but simply the "addition of a pollutant to navigable waters." The 9th Circuit relied on Scalia's opinion in its *Maui* ruling.

Critics say the appeals court read too much into Scalia's comment, which lacked a majority of support on the court anyway.

The more relevant Supreme Court case, they say, is the 2004 *South Florida Water Management District v. Miccosukee Tribe of Indians*, in which the majority emphasized that the key feature of a point source is that it can "transport" or "convey" a pollutant to navigable waters.

### **What's the deal with coal ash?**

The conduit theory has arisen repeatedly in the coal ash context, recently yielding several big decisions.

Some district courts have sided with environmental litigants who argue that pollution from coal ash ponds is covered by the Clean Water Act because the ponds qualify as point sources and the groundwater connects to navigable waters. Another theory contends that groundwater channels themselves are a point source.

In the past three months, however, the arguments have hit dead ends in appellate courts. The 6th Circuit issued two opinions in September rejecting arguments that the Clean Water Act should apply to coal ash pollution in Kentucky and Tennessee. A rehearing request in the Tennessee decision is still pending.

Earlier that month, the 4th Circuit issued a similar ruling involving a coal ash facility in southern Virginia. It differentiated the case from its recent *Kinder Morgan* precedent, finding that the coal ash site, unlike the pipeline, fell short of the "discrete conveyance" standard for point sources under the Clean Water Act.

### **Does EPA have a role?**

EPA has been involved in the groundwater debate for years.

The agency filed a brief in 2016 supporting the environmentalists in the *Maui* case at the 9th Circuit. Government lawyers recommended that the court adopt the "direct hydrological connection" test for pollution that travels through groundwater before reaching a waterway. In fact, they argued, that's been EPA's position for years.

"EPA's longstanding position has been that point-source discharges of pollutants moving through groundwater to a jurisdictional surface water are subject to CWA permitting requirements if there is a 'direct hydrological connection' between the groundwater and the surface water," it said in the 9th Circuit brief, pointing to several examples of earlier regulatory language applying the interpretation.

EPA did not weigh in on the *Kinder Morgan* case, which was litigated in the 4th Circuit after President Trump took office.

In February, the agency announced plans to take a closer look at whether permits should be required for discharges into groundwater that migrate to surface water (*Greenwire*, Feb. 19).

It noted the "mixed case law" on the issue and asked the public to weigh in on whether EPA should clarify or revise its statements supporting the hydrological connection approach. More than 50,000 comments rolled in by May.

Industry advocates, environmentalists and policymakers are anxiously awaiting the outcome, though they're likely to stick to their positions regardless of EPA's conclusions.

"Ultimately our argument is based on the text of the statute itself, so even if EPA were to change its position, that would not change our view of how the statute itself should be read," said Cmar, the Earthjustice attorney.

### **What happens now?**

The solicitor general has until Jan. 4 to submit its brief to the Supreme Court.

That might mean a rapid conclusion to EPA's review of its interpretation of the groundwater question. It's possible the agency will announce its conclusion before the brief is due or that the solicitor general will announce it in the filing, University of Maryland law professor Robert Percival said.

Schiff, the Pacific Legal Foundation attorney, noted that the government could also carefully avoid taking a stance on the merits while recommending that the Supreme Court grant review of the cases.

"Despite the ongoing consideration of a policy change, I think that the government can still support cert without fear of seeming to decide that question," he told E&E News in an email, "given the existing circuit split and the government's desire to have a uniform rule throughout the country (whatever rule the government may ultimately support)."

David Henkin, an Earthjustice lawyer representing environmentalists in the *Maui* case, countered that EPA's unresolved policy review is a key reason the Trump administration should advocate against the high court granting review at this time.

"The fact that EPA is looking into the issue is one of many reasons that the Solicitor General should conclude that it would be premature for the Supreme Court to take up this issue," Henkin said.

Once the government's brief is filed next month, the justices will decide whether they actually want to wade into the issue. They could decide to take one case, both cases or neither.

## Well Permit Application Activities Update

The Well Permit Application Process is regulated by the Environmental Health Bureau (EHB). The Agency provides technical support to the EHB as part of the process. The changes to the well permit review process that came about since the adoption of the 2010 County General Plan have caused concerns and misinformation in the public. To provide correct and up-to-date information to the public, Agency staff has developed the attached Summary of Well Impact Evaluations (Table).

The Table provides a summation of well permit applications that are being evaluated by Agency staff for compliance with 2010 Monterey County General Plan policies PS-3.3 (domestic wells) or PS-3.4 (high capacity wells), categorized by type of well impact assessment and Salinas Valley subbasin. This table is provided to the Board of Directors and Basin Management Advisory Committee on a monthly basis.

In response to requests from the Board of Directors regarding data about construction of wells in the Deep Aquifers, Staff has also included a chart depicting the history of well installation in the Deep Aquifers (Figure). This chart, which includes both production and monitoring wells, indicates that a total of forty-six (46) wells have been installed in the Deep Aquifers since 1974, with fifteen (15) of those wells being constructed in the last ten years.

An additional nine (9) wells have been proposed for construction in the Deep Aquifers, but construction has not been completed as of the date of this report. Three (3) of the nine (9) proposed wells in the Deep Aquifers, plus one Deep Aquifers well that was constructed in 2018, have been applied for as "replacement wells" since the Board of Supervisors passed and adopted interim Ordinance No. 5302 on May 22, 2018.

### OTHER AGENCY INVOLVEMENT:

None

### FINANCING:

None

Prepared by: Amy Woodrow, Hydrologist, (831) 755-4860  
Howard Franklin, Senior Hydrologist, (831) 755-4860

### Attachments:

Table - Summary of Well Impact Evaluations

Figure - Timeline of Well Installation in the Deep Aquifers

# Summary of Well Impact Evaluations Conducted per 2010 Monterey County General Plan

## Domestic Wells

| Evaluation Outcome                                | Pressure  | East Side | Forebay   | Upper Valley | Outside Zone 2C | TOTAL      |
|---|-----------|-----------|-----------|--------------|-----------------|------------|
| Coastal Zone or City (General Plan n/a).          | 2         | 1         | 1         | 0            | 13              | 17         |
| No potential impact.                              | 7         | 16        | 12        | 6            | 174             | 215        |
| Potential impact; acceptable mitigation proposed. | 0         | 0         | 0         | 0            | 2               | 2          |
| Repair (exempt).                                  | 0         | 2         | 0         | 0            | 2               | 4          |
| Replacement (exempt).                             | 2         | 6         | 2         | 2            | 10              | 22         |
| <b>TOTAL</b>                                      | <b>11</b> | <b>25</b> | <b>15</b> | <b>8</b>     | <b>201</b>      | <b>260</b> |
| <i>Subarea Total as Percentage</i>                | 4%        | 10%       | 6%        | 3%           | 77%             |            |

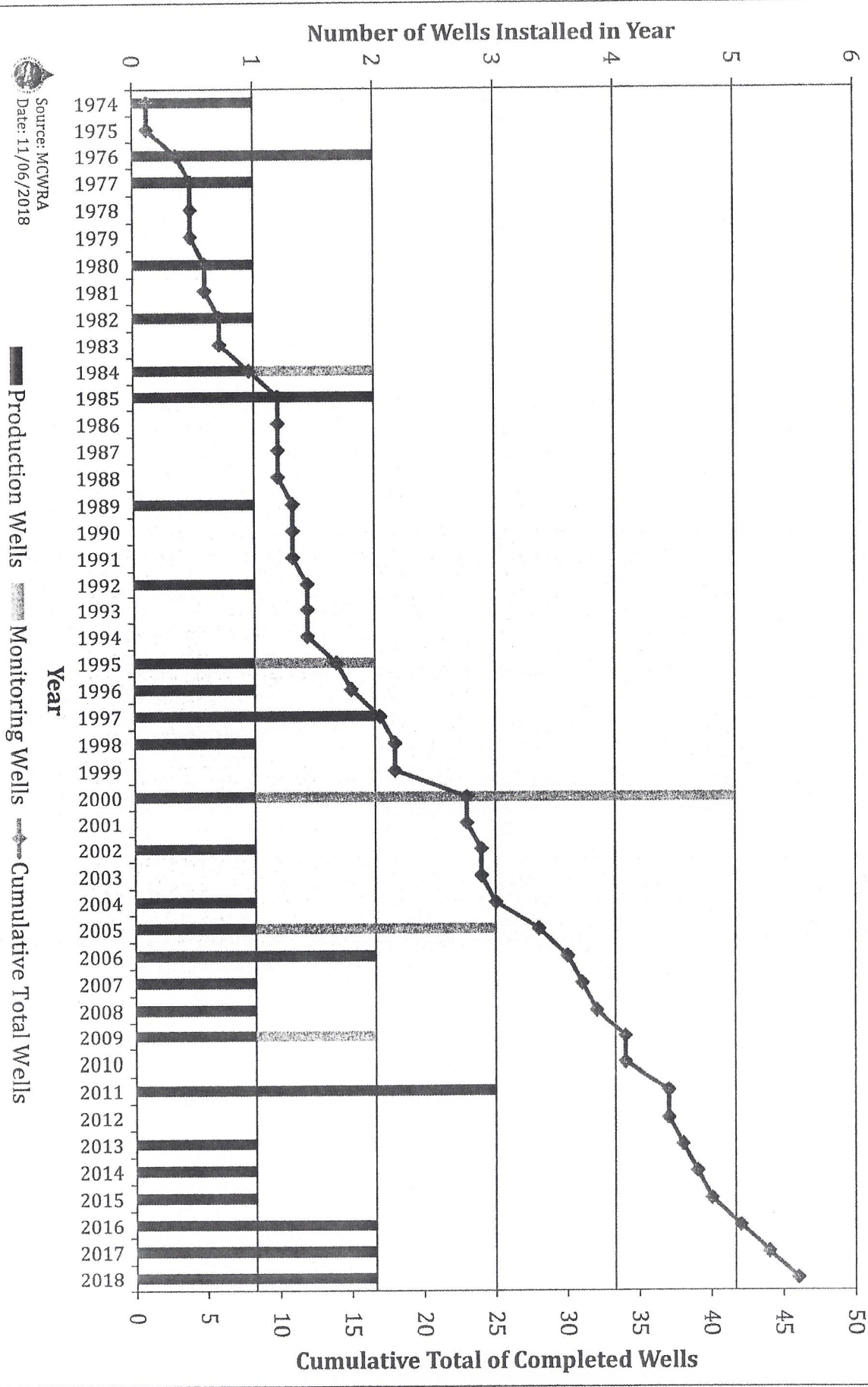
## High Capacity Wells

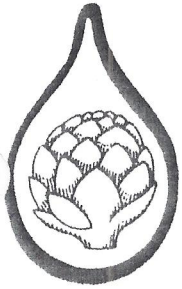
| Evaluation Outcome                                | Pressure  | East Side | Forebay   | Upper Valley | Outside Zone 2C | TOTAL      |
|---|-----------|-----------|-----------|--------------|-----------------|------------|
| Coastal Zone or City (General Plan n/a).          | 2         | 0         | 0         | 0            | 2               | 4          |
| No potential impact.                              | 23        | 37        | 25        | 20           | 14              | 119        |
| Potential impact; acceptable mitigation proposed. | 1         | 1         | 0         | 3            | 0               | 5          |
| Repair (exempt).                                  | 2         | 0         | 1         | 2            | 0               | 5          |
| Replacement (exempt).                             | 17        | 6         | 6         | 19           | 0               | 48         |
| <b>TOTAL</b>                                      | <b>45</b> | <b>44</b> | <b>32</b> | <b>44</b>    | <b>16</b>       | <b>181</b> |
| <i>Subarea Total as Percentage</i>                | 25%       | 24%       | 18%       | 24%          | 9%              |            |

Total Evaluations: To Date: 441    FY 18/19: 24    Report Date: 11/7/2018    Evaluations initiated November 2011.



# Timeline of Well Installation in Deep Aquifers of the 180/400 Foot Aquifer Subbasin





## CASTROVILLE COMMUNITY SERVICES DISTRICT

From the desk of  
Eric Tynan – General Manager  
Phone (831) 633-2560  
FAX (831) 633-3103

**TO:** CCSD Board of Directors  
**DATE:** December 18, 2018  
**RE:** ACWA Conference Training

---

Dear Directors, first of all I would like to thank you for sending myself and Director Stefani to the ACWA Conference in San Diego. I feel the attendance was very valuable and gleaned a lot of important information from both the training and hearing the Keynote speakers go over more regional aspects of the water world.

On Wednesday Morning Ron and I attended to a presentation by Karla Nemeth, Director of DWR Operations where she gave a wide-ranging update on the States projects and challenges moving forward.

After that, I attended the programs on;

- New Water Conservation and Efficiency Requirements and how they affect our District.
- Statewide Issues Forum
- Groundwater Recharge: Identifying and Removing the Barriers
- Desalinization Operations: Filtering the Details

Ron attended the programs on;

- Potable Reuse: Nuts and Bolts
- Statewide Issues Forum
- Communication Lessons Learned During and After a Fire
- Data Collection for Effective Groundwater Sustainability

On Thursday morning Ron and I attended the Networking breakfast.

After that, I attended the programs on;

- Fist Full of Dollars: Reserve Policy and Understanding Risks
- U.S. Bureau of Reclamation: National Prospective on Key Issues and Top Priorities
- Innovative Approaches to Watershed Collaboration

Ron attended the programs on;

- SB998 :Water Service Shut-Offs, What Now?
- U.S. Bureau of Reclamation: National Prospective on Key Issues and Top Priorities
- Indian Wells; Brackish Water Study

Friday Ron attended the presentation on changes brought about by the mid term election both Nationally and in California.

Thank you again for the opportunity to advance our understanding, knowledge and Challenges of the Water World both Environmentally and Politicly



# California

## LEGISLATIVE INFORMATION

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### SB-998 Discontinuation of residential water service: urban and community water systems. (2017-2018)

SHARE THIS:



Date Published: 09/28/2018 09:00 PM

## Senate Bill No. 998

### CHAPTER 891

An act to add Chapter 6 (commencing with Section 116900) to Part 12 of Division 104 of the Health and Safety Code, relating to water.

[ Approved by Governor September 28, 2018. Filed with Secretary of State September 28, 2018. ]

### LEGISLATIVE COUNSEL'S DIGEST

SB 998, Dodd. Discontinuation of residential water service: urban and community water systems.

Existing law, the California Safe Drinking Water Act, requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Existing law declares it to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.

Under existing law, the Public Utilities Commission has regulatory authority over public utilities, including water corporations. Existing law requires certain notice to be given before a water corporation, public utility district, municipal utility district, or a municipally owned or operated public utility furnishing water may terminate residential service for nonpayment of a delinquent account, as prescribed.

This bill would require an urban and community water system, defined as a public water system that supplies water to more than 200 service connections, to have a written policy on discontinuation of water service to certain types of residences for nonpayment available in prescribed languages. The bill would require the policy to include certain components, be available on the system's Internet Web site, and be provided to customers in writing, upon request. The bill would provide for enforcement of these provisions, including making a violation of these provisions punishable by a civil penalty issued by the board in an amount not to exceed \$1,000 for each day in which the violation occurs, and would require the enforcement moneys collected by the board to be deposited in the Safe Drinking Water Account. The bill would prohibit an urban and community water system from discontinuing residential service for nonpayment until a payment by a customer has been delinquent for at least 60 days. The bill would require an urban and community water system to contact the customer named on the account and provide the customer with the urban and community water system's policy on discontinuation of residential service for nonpayment no less than 7 business days before discontinuation of residential service, as prescribed.

This bill would prohibit residential service from being discontinued under specified circumstances. The bill would require an urban and community water system that discontinues residential service to provide the customer with information on how to restore service. The bill would require an urban and community water system to waive interest charges on delinquent bills for, and would limit the amount of a reconnection of service fee imposed on, a residential customer who demonstrates, as prescribed, to the urban and community water system household income below 200% of the federal poverty line. The bill would require an urban and community water system

that furnishes individually metered residential service to residential occupants of a detached single-family dwelling, a multiunit structure, mobilehome park, or permanent residential structure in a labor camp, and that the owner, manager, or operator of the dwelling, structure, or park is the customer of record, to make every good faith effort to inform the residential occupants by written notice that service will be terminated and that the residential occupants have the right to become customers, as specified. The bill would require an urban and community water system to report the number of annual discontinuations of residential service for inability to pay on its Internet Web site and to the board, and the bill would require the board to post on its Internet Web site the information reported. The bill would require an urban water supplier, as defined, or an urban and community water system regulated by the commission, to comply with the bill's provisions on and after February 1, 2020, and any other urban and community water system to comply with the bill's provisions on and after April 1, 2020. The bill would provide that the provisions of the bill are in addition to the provisions in existing law duplicative of the bill and that where the provisions are inconsistent, the provisions described in the bill apply.

Vote: majority Appropriation: no Fiscal Committee: yes Local Program: no

## THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

### SECTION 1. The Legislature finds and declares as follows:

- (a) All Californians have the right to safe, accessible, and affordable water as declared by Section 106.3 of the Water Code.
- (b) It is the intent of the Legislature to minimize the number of Californians who lose access to water service due to inability to pay.
- (c) Water service discontinuations threaten human health and well-being, and have disproportionate impact on infants, children, the elderly, low-income families, communities of color, people for whom English is a second language, physically disabled persons, and persons with life-threatening medical conditions.
- (d) When there is a delinquent bill, all Californians, regardless of whether they pay a water bill directly, should be treated fairly, and fair treatment includes the ability to contest a bill, seek alternative payment schedules, and demonstrate medical need and severe economic hardship.
- (e) The loss of water service causes tremendous hardship and undue stress, including increased health risks to vulnerable populations.
- (f) It is the intent of the Legislature that this act provide additional procedural protections and expand upon the procedural safeguards contained in the Public Utilities Code and Government Code as of January 1, 2018, relating to utility service disconnections.

**SEC. 2.** Chapter 6 (commencing with Section 116900) is added to Part 12 of Division 104 of the Health and Safety Code, to read:

#### CHAPTER 6. Discontinuation of Residential Water Service

**116900.** This chapter shall be known, and may be cited, as the Water Shutoff Protection Act.

**116902.** For the purposes of this chapter, the following definitions apply:

- (a) "Board" means the State Water Resources Control Board.
- (b) "Public water system" has the same meaning as defined in Section 116275.
- (c) "Residential service" means water service to a residential connection that includes single-family residences, multifamily residences, mobilehomes, including, but not limited to, mobilehomes in mobilehome parks, or farmworker housing.
- (d) "Urban and community water system" means a public water system that supplies water to more than 200 service connections.
- (e) "Urban water supplier" has the same meaning as defined in Section 10617 of the Water Code.

**116904.** (a) An urban water supplier not regulated by the Public Utilities Commission shall comply with this chapter on and after February 1, 2020.

(b) An urban and community water system regulated by the Public Utilities Commission shall comply with this chapter on and after February 1, 2020. The urban and community water system regulated by the Public Utilities Commission shall file advice letters with the commission to conform with this chapter.

(c) An urban and community water system not described in subdivision (a) or (b) shall comply with this chapter on and after April 1, 2020.

**116906.** (a) An urban and community water system shall have a written policy on discontinuation of residential service for nonpayment available in English, the languages listed in Section 1632 of the Civil Code, and any other language spoken by at least 10 percent of the people residing in its service area. The policy shall include all of the following:

(1) A plan for deferred or reduced payments.

(2) Alternative payment schedules.

(3) A formal mechanism for a customer to contest or appeal a bill.

(4) A telephone number for a customer to contact to discuss options for averting discontinuation of residential service for nonpayment.

(b) The policy shall be available on the urban and community water system's Internet Web site, if an Internet Web site exists. If an Internet Web site does not exist, the urban and community water system shall provide the policy to customers in writing, upon request.

(c) (1) The board may enforce the requirements of this section pursuant to Sections 116577, 116650, and 116655. The provisions of Section 116585 and Article 10 (commencing with Section 116700) of Chapter 4 apply to enforcement undertaken for a violation of this section.

(2) All moneys collected pursuant to this subdivision shall be deposited in the Safe Drinking Water Account established pursuant to Section 116590.

**116908.** (a) (1) (A) An urban and community water system shall not discontinue residential service for nonpayment until a payment by a customer has been delinquent for at least 60 days. No less than seven business days before discontinuation of residential service for nonpayment, an urban and community water system shall contact the customer named on the account by telephone or written notice.

(B) When the urban and community water system contacts the customer named on the account by telephone pursuant to subparagraph (A), it shall offer to provide in writing to the customer the urban and community water system's policy on discontinuation of residential service for nonpayment. An urban and community water system shall offer to discuss options to avert discontinuation of residential service for nonpayment, including, but not limited to, alternative payment schedules, deferred payments, minimum payments, procedures for requesting amortization of the unpaid balance, and petition for bill review and appeal.

(C) When the urban and community water system contacts the customer named on the account by written notice pursuant to subparagraph (A), the written notice of payment delinquency and impending discontinuation shall be mailed to the customer of the residence to which the residential service is provided. If the customer's address is not the address of the property to which residential service is provided, the notice also shall be sent to the address of the property to which residential service is provided, addressed to "Occupant." The notice shall include, but is not limited to, all of the following information in a clear and legible format:

(i) The customer's name and address.

(ii) The amount of the delinquency.

(iii) The date by which payment or arrangement for payment is required in order to avoid discontinuation of residential service.

(iv) A description of the process to apply for an extension of time to pay the delinquent charges.

(v) A description of the procedure to petition for bill review and appeal.

(vi) A description of the procedure by which the customer may request a deferred, reduced, or alternative payment schedule, including an amortization of the delinquent residential service charges, consistent with the written policies provided pursuant to subdivision (a) of Section 116906.

(2) If the urban and community water system is unable to make contact with the customer or an adult occupying the residence by telephone, and written notice is returned through the mail as undeliverable, the urban and community water system shall make a good faith effort to visit the residence and leave, or make other arrangements for placement in a conspicuous place of, a notice of imminent discontinuation of residential service for nonpayment and the urban and community water system's policy for discontinuation of residential service for nonpayment.

(b) If an adult at the residence appeals the water bill to the urban and community water system or any other administrative or legal body to which such an appeal may be lawfully taken, the urban and community water system shall not discontinue residential service while the appeal is pending.

**116910.** (a) An urban and community water system shall not discontinue residential service for nonpayment if all of the following conditions are met:

(1) The customer, or a tenant of the customer, submits to the urban and community water system the certification of a primary care provider, as that term is defined in subparagraph (A) of paragraph (1) of subdivision (b) of Section 14088 of the Welfare and Institutions Code, that discontinuation of residential service will be life threatening to, or pose a serious threat to the health and safety of, a resident of the premises where residential service is provided.

(2) The customer demonstrates that he or she is financially unable to pay for residential service within the urban and community water system's normal billing cycle. The customer shall be deemed financially unable to pay for residential service within the urban and community water system's normal billing cycle if any member of the customer's household is a current recipient of CalWORKs, CalFresh, general assistance, Medi-Cal, Supplemental Security Income/State Supplementary Payment Program, or California Special Supplemental Nutrition Program for Women, Infants, and Children, or the customer declares that the household's annual income is less than 200 percent of the federal poverty level.

(3) The customer is willing to enter into an amortization agreement, alternative payment schedule, or a plan for deferred or reduced payment, consistent with the written policies provided pursuant to subdivision (a) of Section 116906, with respect to all delinquent charges.

(b) (1) If the conditions listed in subdivision (a) are met, the urban and community water system shall offer the customer one or more of the following options:

(A) Amortization of the unpaid balance.

(B) Participation in an alternative payment schedule.

(C) A partial or full reduction of the unpaid balance financed without additional charges to other ratepayers.

(D) Temporary deferral of payment.

(2) The urban and community water system may choose which of the payment options described in paragraph (1) the customer undertakes and may set the parameters of that payment option. Ordinarily, the repayment option offered should result in repayment of any remaining outstanding balance within 12 months. An urban and community water system may grant a longer repayment period if it finds the longer period is necessary to avoid undue hardship to the customer based on the circumstances of the individual case.

(3) Residential service may be discontinued no sooner than 5 business days after the urban and community water system posts a final notice of intent to disconnect service in a prominent and conspicuous location at the property under either of the following circumstances:

(A) The customer fails to comply with an amortization agreement, an alternative payment schedule, or a deferral or reduction in payment plan for delinquent charges for 60 days or more.

(B) While undertaking an amortization agreement, an alternative payment schedule, or a deferral or reduction in payment plan for delinquent charges, the customer does not pay his or her current residential service charges for 60 days or more.

**116912.** An urban and community water system that discontinues residential service for nonpayment shall provide the customer with information on how to restore residential service.

**116914.** (a) For a residential customer who demonstrates to an urban and community water system household income below 200 percent of the federal poverty line, the urban and community water system shall do both of the following:

(1) Set a reconnection of service fee for reconnection during normal operating hours at fifty dollars (\$50), but not to exceed the actual cost of reconnection if it is less. Reconnection fees shall be subject to an annual adjustment for changes in the Consumer Price Index beginning January 1, 2021. For the reconnection of residential service during nonoperational hours, an urban and community water system shall set a reconnection of service fee at one hundred fifty dollars (\$150), but not to exceed the actual cost of reconnection if it is less. Reconnection fees shall be subject to an annual adjustment for changes in the Consumer Price Index beginning January 1, 2021.

(2) Waive interest charges on delinquent bills once every 12 months.

(b) An urban and community water system shall deem a residential customer to have a household income below 200 percent of the federal poverty line if any member of the household is a current recipient of CalWORKs, CalFresh, general assistance, Medi-Cal, Supplemental Security Income/State Supplementary Payment Program, or California Special Supplemental Nutrition Program for Women, Infants, and Children, or the customer declares that the household's annual income is less than 200 percent of the federal poverty level.

**116916.** (a) This section applies if there is a landlord-tenant relationship between the residential occupants and the owner, manager, or operator of the dwelling.

(b) If an urban and community water system furnishes individually metered residential service to residential occupants of a detached single-family dwelling, a multiunit residential structure, mobilehome park, or permanent residential structure in a labor camp as defined in Section 17008, and the owner, manager, or operator of the dwelling, structure, or park is the customer of record, the urban and community water system shall make every good faith effort to inform the residential occupants, by means of written notice, when the account is in arrears that service will be terminated at least 10 days prior to the termination. The written notice shall further inform the residential occupants that they have the right to become customers, to whom the service will then be billed, without being required to pay any amount which may be due on the delinquent account.

(c) The urban and community water system is not required to make service available to the residential occupants unless each residential occupant agrees to the terms and conditions of service and meets the requirements of law and the urban and community water system's rules and tariffs. However, if one or more of the residential occupants are willing and able to assume responsibility for the subsequent charges to the account to the satisfaction of the urban and community water system, or if there is a physical means legally available to the urban and community water system of selectively terminating service to those residential occupants who have not met the requirements of the urban and community water system's rules and tariffs, the urban and community water system shall make service available to those residential occupants who have met those requirements.

(d) If prior service for a period of time is a condition for establishing credit with the urban and community water system, residence and proof of prompt payment of rent or other credit obligation acceptable to the urban and community water system for that period of time is a satisfactory equivalent.

(e) Any residential occupant who becomes a customer of the urban and community water system pursuant to this section whose periodic payments, such as rental payments, include charges for residential water service, where those charges are not separately stated, may deduct from the periodic payment each payment period all reasonable charges paid to the urban and community water system for those services during the preceding payment period.

(f) In the case of a detached single-family dwelling, the urban and community water system may do any of the following:

(1) Give notice of termination at least seven days prior to the proposed termination.

(2) In order for the amount due on the delinquent account to be waived, require an occupant who becomes a customer to verify that the delinquent account customer of record is or was the landlord, manager, or agent of

the dwelling. Verification may include, but is not limited to, a lease or rental agreement, rent receipts, a government document indicating that the occupant is renting the property, or information disclosed pursuant to Section 1962 of the Civil Code.

**116918.** An urban and community water system shall report the number of annual discontinuations of residential service for inability to pay on the urban and community water system's Internet Web site, if an Internet Web site exists, and to the board. The board shall post on its Internet Web site the information reported.

**116920.** (a) The Attorney General, at the request of the board or upon his or her own motion, may bring an action in state court to restrain by temporary or permanent injunction the use of any method, act, or practice declared in this chapter to be unlawful.

(b) For an urban and community water system regulated by the Public Utilities Commission, the commission may bring an action in state court to restrain by temporary or permanent injunction the use by an urban and community water system regulated by the commission of any method, act, or practice declared in this chapter to be unlawful.

**116922.** All written notices required under this chapter shall be provided in English, the languages listed in Section 1632 of the Civil Code, and any other language spoken by 10 percent or more of the customers in the urban and community water system's service area.

**116924.** Where provisions of existing law are duplicative of this chapter, compliance with one shall be deemed compliance with the other. Where those provisions are inconsistent, the provisions of this chapter shall apply. Nothing in this chapter shall be construed to limit or restrict the procedural safeguards against the disconnection of residential water service existing as of December 31, 2018.

**116926.** This chapter does not apply to the termination of a service connection by an urban and community water system due to an unauthorized action of a customer.





## Gutierrez Consultants

December 11, 2018

Mr. Eric Tynan  
Castroville Community Services District  
11499 Geil Street  
Castroville, CA 95012

Re: Grant Funding Assistance Scope of Services

Dear Mr. Tynan:

Per our discussions, I'm pleased to provide this amended Scope of Services to continue providing funding assistance to the Castroville Community Services District (District).

### **Background**

The District provides is a multi-function district that provides water, sewer, storm water, street lighting, recreational services, graffiti abatement, street maintenance and open space services to the township of Castroville. Additionally, the District, under contract, operates and maintains the sewer system for the Moss Landing County Sanitation District.

Presently, the District serves more than 7,250 customers through 1,984 water connections in the community of Castroville. The District provides approximately 800 acre-feet of water annually to government, industrial, commercial, and residential customers. The District operates three domestic water production wells and the estimated capacity of all three wells is just over 4.4 million gallons per day. The water system encompasses approximately 13 miles of pipeline and includes two water storage tanks with a capacity of 1.1 million gallons. At this time, the District receives 100 percent of its water from the 400-foot aquifer but has drilled a new well at Well Site #2 that will get its supply from the 900-foot or "deep" aquifer.

The District assumed the responsibilities and assets for sewer and storm drain activities as of February 2008 and the sewer system incorporates 17 miles of main lines and four lift stations, two located in Castroville (Zone 1) and the other two located in Moro Cojo subdivision (Zone 2.) The District merged with the Moss Landing County Sanitation District in 2011 to provide operation and maintenance services to the Moss Landing community. The District cleans and maintains all the sewer mains in Castroville, Moro Cojo and Moss Landing. All the laterals from the main to the properties are the responsibility of the owners. The sewer mains are cleaned at least once a year.

A recent income survey confirmed that the City of Castroville qualifies as a Severely Disadvantaged Community (SDAC) and Moss Landing qualifies as a Disadvantaged Community (DAC). The SDAC and DAC designations qualify the District for State and Federal grant funding for critically needed water and wastewater infrastructure improvements. The District is committed to securing grant funding

*Integrated Planning and Funding Solutions*

118 Diablo Ranch Court  
Danville, CA 94506  
925.766.5294

to help offset the burden of the debt service requirements for the infrastructure improvements and minimize the required rate increases on the community.

**Scope of Services**

GCI will work with District staff to develop the infrastructure improvement funding strategy, which may include packaging projects into one program for funding consideration or the phasing of larger programs to maximize funding from programs. GCI will provide focused and dedicated services to develop an overall strategy rather than simply completing a funding application.

GCI will monitor the availability of applicable funding sources, including SWRCB and DWR Proposition 1 grants, SWRCB State Revolving Fund loans, US Environmental Protection Agency grants and loans, and other available grant and loan programs. As necessary, GCI will conduct in-person or phone meetings and attend funding workshops with funding agencies to confirm project funding eligibility and requirements.

GCI will work with District staff and consultants to identify the funding applications that will be prepared to fund the highest priority projects. Consultant will develop a scope and fee estimate for completing the applications, including identifying opportunities for State funded technical assistance. Additionally, Consultant will support the District staff with general project planning and funding tasks, as needed.

**Budget and Schedule**

Gutierrez Consultants will complete the Scope of Services described above for an amount **not to exceed \$15,000**. I appreciate the opportunity to work with the District to secure much needed funding and I look forward to continuing our work together.

Sincerely,  
GUTIERREZ CONSULTANTS





# CASTROVILLE COMMUNITY SERVICES DISTRICT

## GENERAL MANAGER'S REPORT

DECEMBER 18, 2018

### ❖ Regulatory Compliance

- ❑ Last SWRCB-DDW inspection of water system and permit July 2017
- ❑ No coliform violations (all routine samples negative) for November 2018
- ❑ Quarterly sampling of Well #3 due to it exceeding secondary standards- for Iron, Turbidity, Spec. Cond. and Chloride
- ❑ Submitted water quality reports to 9 large Water system customers
- ❑ Regulatory documentation for Castroville Zone 1 sewer jetting activities
- ❑ Submitted No-spill report to State documenting Moro Cojo and Moss Landing systems had no sewer spills for November 2018
- ❑ Regulatory documentation for MLCSD – Zone 1 & 2 sewer jetting activities
- ❑ Regulatory documentation for CCSD – Zone 3 sewer jetting activities

### ❖ Current Projects

- ❑ Investigate/mitigate Sea Water Intrusion of Well#3
- ❑ Reinstall Welcome sign along bike path to Marina
- ❑ Upgrade Moss Landing Motor control centers or put in tough sheds
- ❑ Installing upgraded SCADA system with new radio's and computers
- ❑ Design and find funding for Desal pipeline to MPWSP
- ❑ Prepare grant proposal for Castroville sewer for 2.9 million dollars
- ❑ Prepare grant proposal for Castroville water for 2.8 million dollars
- ❑ Collaborate on Hydraulic study of Castroville water system with Cal Am to facilitate tie-in with Desal line
- ❑ Moss Landing Operations, see report in Board packet
- ❑ Moro Cojo Operations, see report in Board packet
- ❑ Castroville Operations, see report in Board packet
- ❑ Investigate multiple projects in Castroville done w/o review or permitting
- ❑ Purchase new Crane Truck
- ❑ Put 2001 Crane Truck on Gov.Deal auction site

### ❖ **Completed Projects**

- ❑ Purchase new Crane Truck
- ❑ Install new Chlorine generator at Well #2 & Well #5
- ❑ Completed MHI for Moss Landing grant application
- ❑ Reported 5 street light outages to PG&E
- ❑ 2019-2023 Capital Improvement Plan
- ❑ Submitted application for Moss Landing Prop 1 grant for \$2,800,000
- ❑ Moss Landing Grease trap inspections 100% completed
- ❑ Castroville Grease trap inspections 85% completed
- ❑ Door to Door visit on Nov 14 to complete Moss Landing MHI
- ❑ Income study for Moss Landing Sewer grant application 8/16/2018
- ❑ Replaced approximately 10 meter registers in November
- ❑ Replaced approximately 12 meters in November
- ❑ Painted or removed graffiti from 2 sites in Castroville
- ❑ Repaired/replaced 4 service lateral leaks

### ❖ **Upcoming Projects**

- ❑ Consideration of proposed 90 SFR and 120 MFR at intersection of Castroville Blvd and Hwy 156
- ❑ Pig Force main under Elkhorn bridge on Hwy one
- ❑ Convert Well #5 Arsenic treatment from Co2 to Blending with Well #2 or convert CO2 to sulfuric acid for Ph control
- ❑ RCAC to assist in applying for Prop 1 funding for T/A study for future water systems improvements such as a new 600,000-gallon storage tank, hydraulic study and ability to fill tank 4 from distribution system
- ❑ Design Washington Sewer Bypass line

### ❖ **Meetings/Seminars (attended)**

- ❑ Meeting of the permanent Board of the SVGWB GSA -Ron
- ❑ ACWA Conference in San Diego-Ron & Eric
- ❑ LAFCO Re: proposed GSA at CEMEX site
- ❑ Monterey County Sherriff's Citizens Advisory Group-Eric
- ❑ Meeting with Keith Manager MCWD re: Cal Am Desal Project
- ❑ Meeting with Moss Landing Chamber
- ❑ Moss Landing Community Plan Waste water review-MCPW & MLHD
- ❑ Monterey One Water Board meeting – Ron
- ❑ Martin Feeney District Hydrologist re: response to Well#3 chlorides
- ❑ Meet with various entities to consider property acquisition for new water supply well

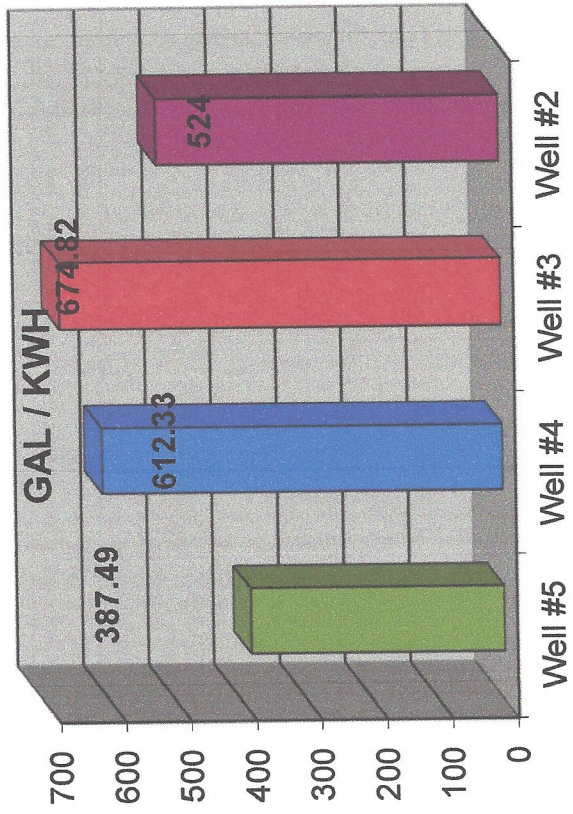
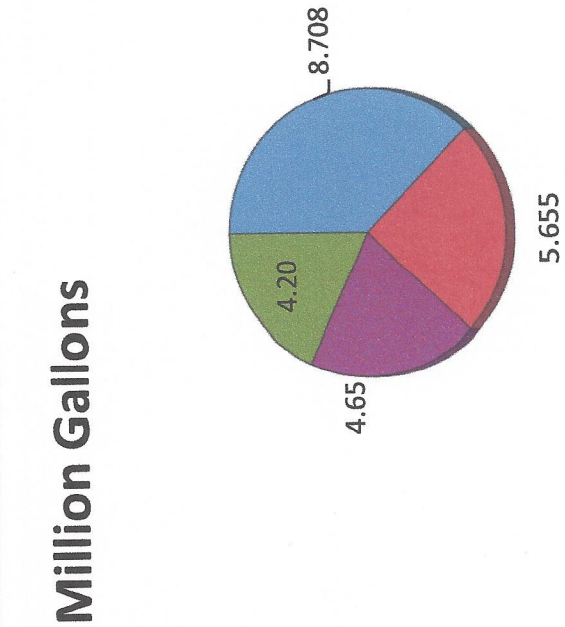
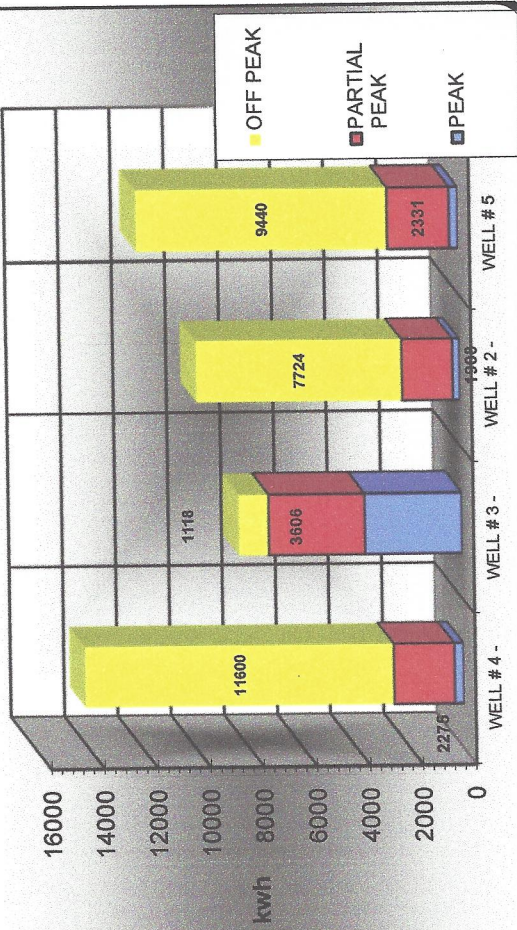
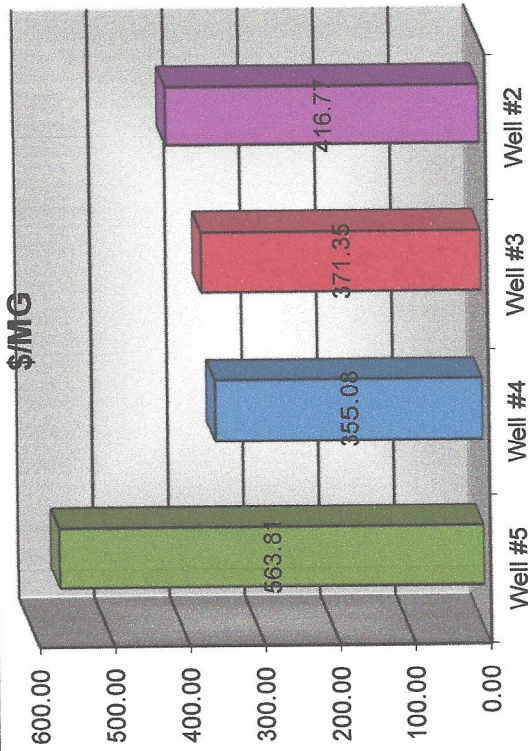
❖ **Meetings/Seminars (upcoming)**

- ❑ MPWSP Intervenors discussion
- ❑ Coastal Commission re: MPWSP
- ❑ CPUC hearing re: MPWSP
- ❑ City of Marina Council meeting re: MPWSP
- ❑ MCWD Board meeting re: MPWSP
- ❑ Possible meeting with Harbor District to revisit Moss Landing Sewer Allocation Plan
- ❑ Moss Landing Community Plan update- Wastewater
- ❑ SVGWB GSA Board meetings Ron
- ❑ Neighborhood Watch
- ❑ MBWWA Training
- ❑ Monterey County Sherriff's Citizens Advisory Group-Adriana & Eric
- ❑ Quarterly Special District Managers meeting
- ❑ Quarterly Water Managers meeting
- ❑ Meeting with Moss Landing Chamber

❖ **Improvements/Ideas/Suggestions**

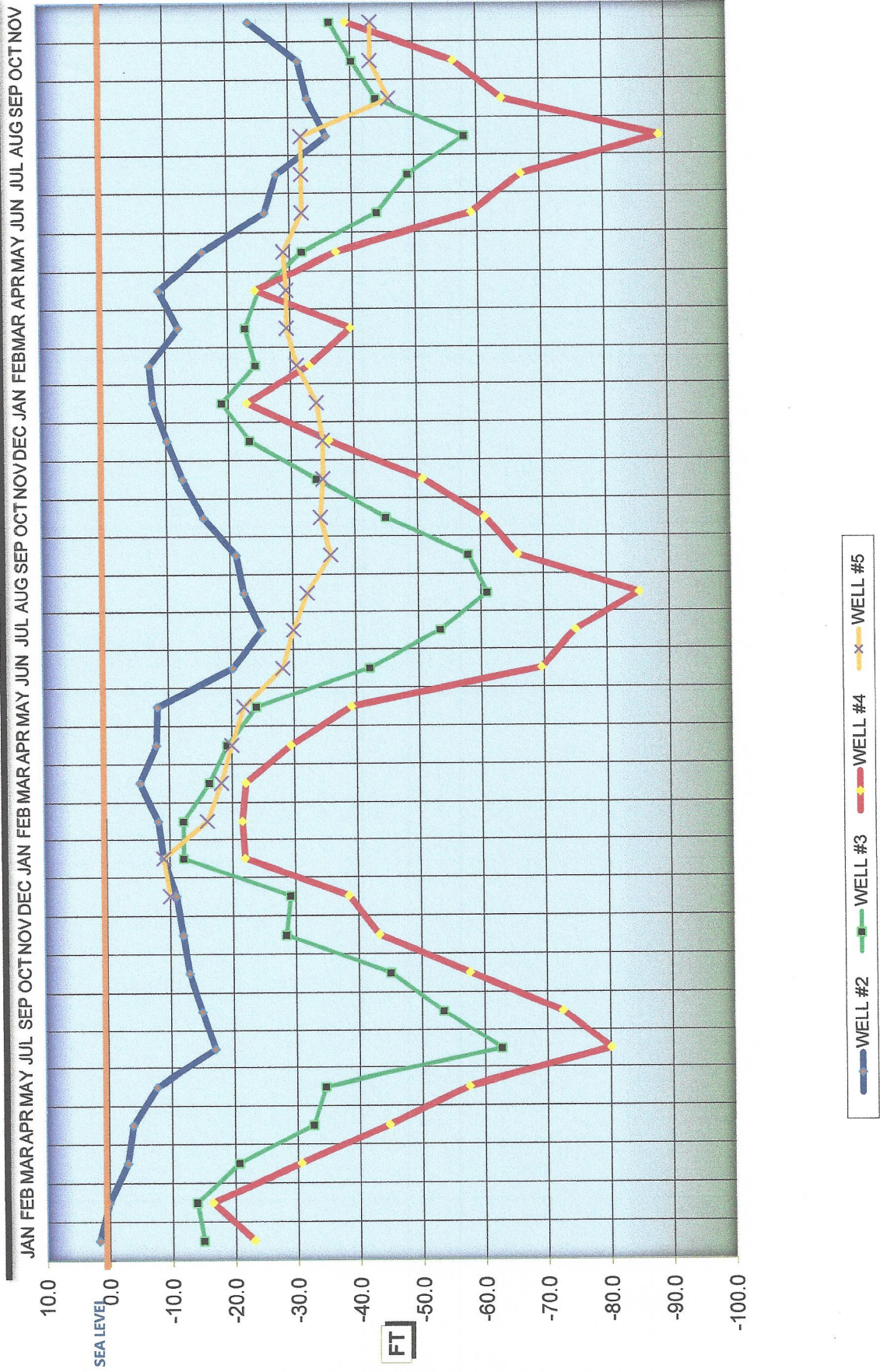
- ❑ Consider installing backup generator for Office
- ❑ Recoat Castroville overhead sign
- ❑ Select areas for sewer main and clean out replacement program
- ❑ Paint valve covers Blue-Water, Yellow-Fire
- ❑ Select areas for Saddle main valves and lateral replacement program

# November-18





# CASTROVILLE WELL LEVELS 2016-2018







# CASTROVILLE COMMUNITY SERVICES DISTRICT

## OPERATIONS REPORT November 2018

### Emergency calls

- 6<sup>th</sup> Power failure Station 3 (JR on call).
- 9<sup>th</sup> FH was hit on Ocean Mist Pkwy. (Jonathan on call).
- 12<sup>th</sup> Leak on 11080 McDougall.
- 25<sup>th</sup> Power Outage at station # 3 (Roberto on call).

### Maintenance:

- a) Moss Landing Survey was completed.
- b) Street lights were inspected.
- c) Continue to exercise valves in the distribution system.
- d) Continue to flush the fire hydrants.
- e) Run the stand-by engines at the water plant sites bi-weekly.
- f) Run the stand-by engines at the sewer lift stations weekly.
- g) Cosmetic site/station maintenance.
- h) Jetted sewer mains.

### Work Orders:

- a) 48 Hour notices - 74
- b) Final bill – read meter – 4
- c) Investigate - 6
- d) Install/Change meter - 5
- e) Turn on service - 2

**TOTAL WORK ORDERS - 93**

Fireline Install/Change meter - 2

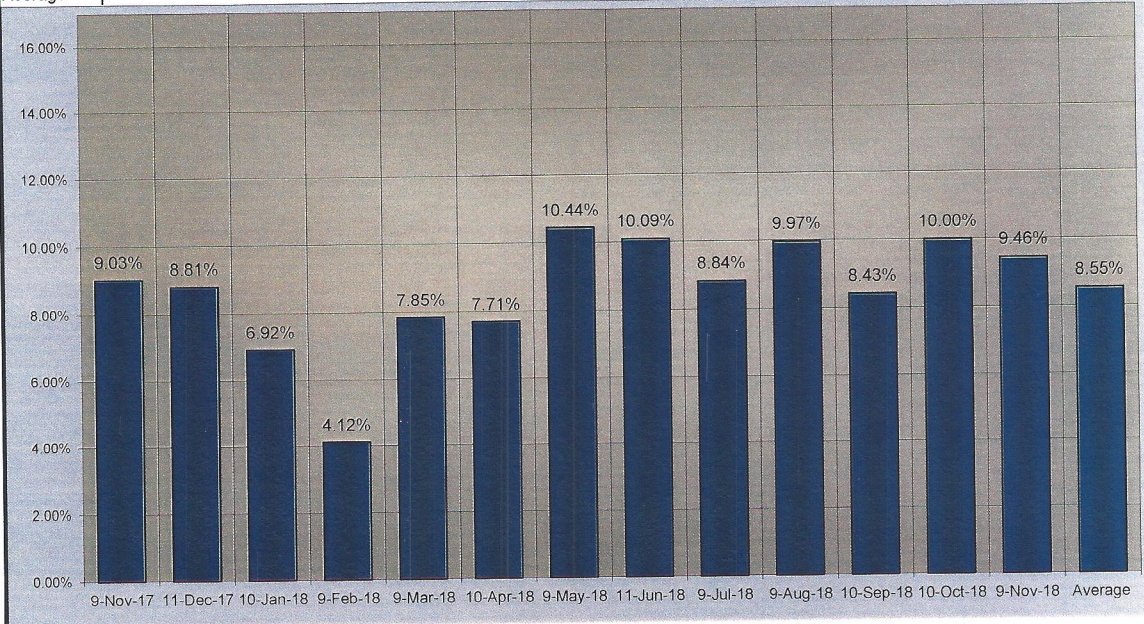


# Castroville Community Services District



## Percent Water Loss Monthly & Yearly

| Month     | Well #5 Gal. | Site 2 Well Gal. | Site 3 Well Gal. | Site 4 Well Gal. | Totals       |            | miscellaneous  | Unaccounted Water % |
|-----------|--------------|------------------|------------------|------------------|--------------|------------|--|---------------------|
|           |              |                  |                  |                  | Water Pumped | Water Sold |  |                     |
| 9-Nov-17  | 2801362      | 2514000          | 5918000          | 12446000         | 23679362     | 21305284   | Hydrant meters 98012 Jetting 15k.<br>Flushing 4k Leaks 110k. FD 4k. R.O. &<br>Softner 4K | 9.03%               |
| 11-Dec-17 | 1921930      | 1733000          | 4429000          | 11622000         | 19705930     | 17674686   | Hydrant meters 11600 Jetting 10k.<br>Flushing 4k Leaks 150k. FD 4k. R.O. &<br>Softner 4K | 8.81%               |
| 10-Jan-18 | 3105035      | 2813000          | 3226000          | 5620000          | 14764035     | 13610099   | Hydrant meters 00000 Jetting 10k.<br>Flushing 5k Leaks 40k. FD 4k. R.O. &<br>Softner 4K  | 6.92%               |
| 9-Feb-18  | 3074878      | 2998000          | 3140000          | 7003000          | 16215878     | 15343313   | Hydrant meters 100100 Jetting<br>&Flushing 12k Leaks 80k. FD 4k. R.O. &<br>Softner 4K    | 4.12%               |
| 9-Mar-18  | 2077353      | 1828000          | 3004000          | 8439000          | 15348353     | 14018380   | Hydrant meters 00275 Jetting 5k<br>10k Leaks 50k. FD 4k. R.O. & Softner<br>4K            | 7.85%               |
| 10-Apr-18 | 3599641      | 3657000          | 3629000          | 7179000          | 18064641     | 16374535   | Hydrant meters 21900 Jetting<br>&Flushing 12k Leaks 60k. FD 4k. R.O. &<br>Softner 4K     | 7.71%               |
| 9-May-18  | 3795112      | 3908000          | 4580000          | 7964000          | 20247112     | 17307179   | Hydrant meters 30175 Jetting<br>&Flushing 12k Leaks 500k. FD 4k. R.O.<br>& Softner 4K    | 10.44%              |
| 11-Jun-18 | 4423961      | 5483000          | 1314000          | 14947000         | 26167961     | 23017995   | Hydrant meters 471988 Jetting<br>&Flushing 28k Leaks 1k. FD 4k. R.O. &<br>Softner 4K     | 10.09%              |
| 9-Jul-18  | 6210082      | 5652000          | 3354000          | 8576000          | 23792082     | 21343612   | Hydrant meters 324333 Jetting<br>&Flushing 12k Leaks 0k. FD 4k. R.O. &<br>Softner 4K     | 8.84%               |
| 9-Aug-18  | 1596286      | 6294000          | 7248000          | 11965000         | 27103286     | 23432625   | Hydrant meters 344004 Jetting<br>&Flushing 10k Leaks 523k. FD 4k. R.O.<br>& Softner 4K   | 9.97%               |
| 10-Sep-18 | 5244836      | 5796000          | 5806000          | 9793000          | 26639836     | 23927705   | Hydrant meters 344804 Jetting<br>&Flushing 14k Leaks 100k. FD 4k. R.O.<br>& Softner 4K   | 8.43%               |
| 10-Oct-18 | 5330407      | 4785000          | 6409000          | 8246000          | 24770407     | 21774400   | Hydrant meters 234274 Jetting<br>&Flushing 21.5k Leaks 20k. FD 4k. R.O.<br>& Softner 4K  | 10.00%              |
| 9-Nov-18  | 4863745      | 4854000          | 5884000          | 8612000          | 24213745     | 21502135   | Hydrant meters 342334 Jetting<br>&Flushing 20k Leaks 50k. FD 4k. R.O. &<br>Softner 4K    | 9.46%               |
| Average   |              |                  |                  |                  |              |            |  | 8.55%               |



# CASTROVILLE COMMUNITY SERVICES DISTRICT



## CASTROVILLE - ZONE 1 MONTHLY O&M REPORT NOVEMBER 2018

### ❖ LIFT STATION #5 Del Monte

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

### ❖ LIFT STATION #6 @ Sea Garden

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

❖ **LIFT STATION #7 @ Via Linda**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

❖ **JETTING ACTIVITIES**

- ❑ Total jetted approx.6,032 feet

❖ **OTHER MATTERS**

- ❑ Responded to 12 Underground Alert marking requests
- ❑ Submitted no-spill report to SWRCB on 12-2-2018
- ❑ Cleaned storm drains in May and November 2018

❖ **Improvements/CIP/Suggestions**

- ❑ Confirm that storm drain interceptors are Marked- "DO NOT DUMP, FLOWS TO BAY"
- ❑ Confirm that storm drain interceptors are clear and detention ponds are clean & fence secured



# Castroville

## NOVEMBER 2018 JETTING

12/6/18



| ID                 | Material  | Length | Length | Downstream Manhole | Upstream Manhole |
|--------------------|-----------|--------|--------|--------------------|------------------|
| 10735OceanMist     | 10" PVC   | 430    | ft     | MH 25.11           | MH 25.12         |
| 10800Palm          | 6" Clay   | 145    | ft     |                    | MH 33            |
| 10900Palm          | 6" Clay   | 135    | ft     | MH 32              |                  |
| 11000Axtell        | 6" Clay   | 203    | ft     |                    |                  |
| 11300Wood          | 6" Clay   | 350    | ft     | MH25.6             | MH 25.9          |
| 11400Wood          | 10" Clay  | 240    | ft     |                    | MH 25.7          |
| 11450Wood          | 10" Clay  | 102    | ft     | MH 25.7            |                  |
| 11600Cypress       | 6" Clay   | 165    | ft     |                    | CO 35            |
| 11600Merritt       | 6" Clay   | 220    | ft     | MH 32              |                  |
| 11700Cypress/alley | 6" Clay   | 700    | ft     | MH 33              | CO 34            |
| 11700MerrittWay    | 6" Clay   | 390    | ft     | MH 31              | MH 32            |
| 11750MerrittWay    | 6" Clay   | 390    | ft     | MH 30              | MH 31            |
| 11800DelMonte      | 8" Clay   | 395    | ft     |                    |                  |
| 11900DelMonte      | 8" Clay   | 177    | ft     |                    |                  |
| 13000Blackie       | 8" Clay   | 250    | ft     |                    |                  |
| 13200 OceanMist    | 10" Clay  | 328    | ft     | MH 25.15           | MH 25.16         |
| 13300 OceanMist    | 10" Clay  | 172    | ft     | MH 25.14           | MH 25.15         |
| 13400 OceanMist    | PVC white | 280    | ft     | MH 25.13           | MH 25.14         |
| 13500 OceanMist    | 10" PVC   | 229    | ft     | MH 25.12           | MH 25.13         |
| Hwy156/Benson      | 6" Clay   | 316    | ft     |                    |                  |
| Pods               | 10" PVC   | 415    | ft     |                    | MH 25.11         |

6032

# CASTROVILLE COMMUNITY SERVICES DISTRICT



## MORO COJO - ZONE 2 MONTHLY O&M REPORT NOVEMBER 2018

### ❖ LIFT STATION @ CASTROVILLE BLVD

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

### ❖ LIFT STATION @ COMPO DE CASA

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

❖ **JETTING ACTIVITIES**

- ❑ Jetted sewer lines btwn MH #81 to-MH #82
- ❑ Jetted sewer lines btwn MH #80 to-MH #80.1
- ❑ Jetted sewer lines btwn MH #80 to-MH #81
  
- ❑ Total jetted approx. 440 feet

❖ **OTHER MATTERS**

- ❑ Responded to 2 Underground Alert marking requests
- ❑ Cleaned and weed-whacked site
- ❑ SWRCB-Reported "no-spill" 12/2/2018
- ❑ Performed inspection of all storm drains in November 2018
- ❑ Street sweeper cleaned in November
- ❑ Mowing completed-May 2018

❖ **Improvements/CIP/Suggestions**

- ❑ Confirm that storm drain interceptors are clear and detention ponds are clean & fence secured



Moro Cojo  
NOVEMBER 2018 JETTING

12/7/2018



| ID          | Material            | Length | Length | Downstream Manhole | Upstream Manhole |
|-------------|---------------------|--------|--------|--------------------|------------------|
| Apts 1      | 8" PVC<br>PSM SDR35 | 200    | ft     | MH 81              | MH 82            |
| Eperanza/1  | 6"                  | 200    | ft     | MH 80              | CO 80.1          |
| Esperanza/2 | 8" PVC              | 40     | ft     | MH 80              | MH 81            |



# CASTROVILLE COMMUNITY SERVICES DISTRICT



## MOSS LANDING (ZONE 3) MONTHLY O&M REPORT

**NOVEMBER 2018**

### ❖ LIFT STATION # 1 (Struve Rd)

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

### ❖ LIFT STATION #2 (Hwy 1 @ Pottery barn)

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

❖ **LIFT STATION #3 (in front of Phil's fish market)**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

❖ **LIFT STATION #4 (Potrero Rd)**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/7/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/14/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/21/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 11/28/2018

❖ **JETTING ACTIVITIES**

- ❑ Jetted sewer lines btwn MH #2 to-MH #3
- ❑ Jetted sewer lines btwn MH #3 to-MH #4
  
- ❑ Total jetted approx. 700 feet

❖ **OTHER MATTERS**

- ❑ Responded to 3 Underground Alert marking requests
- ❑ Preparing bid documents to replace failing Motor Control Centers (4)
- ❑ Working on grant application for \$2.8 Million for upgrades, replacements and repair of sewer system
- ❑ Performing Bi-annual inspection of grease traps @ various facilities in March and November
- ❑ Emailed notice of "no spill" to CIWQS 12-2-2018

❖ **Improvements/CIP/Suggestions**

- ❑ Need to recoat or replace 12-15 manholes that internal walls are failing
- ❑ Consider options for Elkhorn Bridge Force Main replacement
- ❑ Schedule pigging of Station #1 & Station #2 force mains



**Moss Landing**  
 NOVEMBER 2018 JETTING

12/7/2018



| ID      | Material        | Length | Length | Street     | Downstream Manhole | Upstream Manhole |
|---------|-----------------|--------|--------|------------|--------------------|------------------|
| MH3>MH2 | 8" Clay         | 350    | ft     | Struve Rd. | MH2 ML             | MH3 ML           |
| MH4>MH3 | PSM SDR35<br>8" | 350    | ft     | Struve Rd. | MH3 ML             | MH4 ML           |

# Accounts Receivable Summary

From 11/01/2018 through 11/30/2018

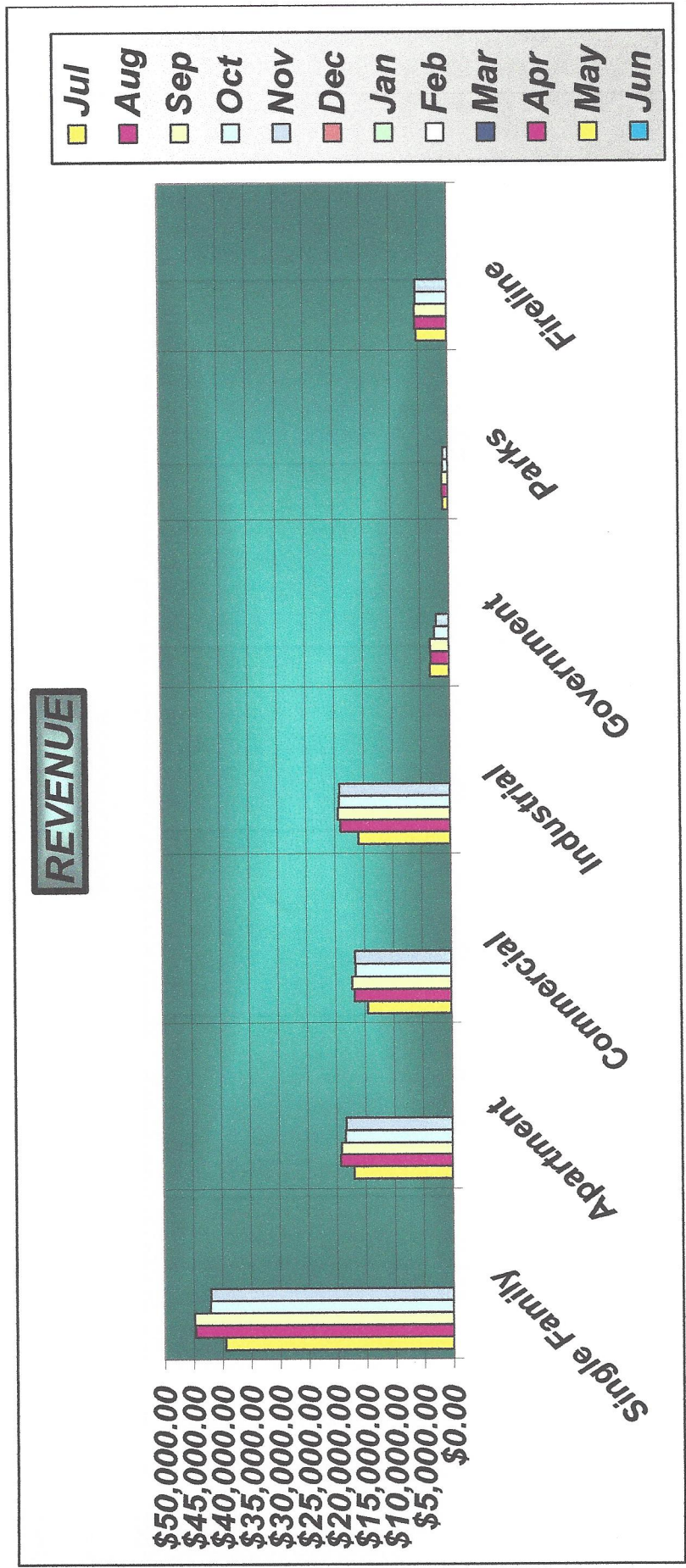
|                                |                   |                  |                     |              |                   |
|--------------------------------|-------------------|------------------|---------------------|--------------|-------------------|
| <b>OPEN BALANCE</b>            |                   |                  |                     |              | <u>Balance</u>    |
|                                | 46,756.14         |                  |                     |              | 46,756.14         |
| <b>MONTHLY-Charge</b>          | <b>Minimum</b>    | <b>Overage</b>   | <b>Usage</b>        | <b>Count</b> | <b>Total</b>      |
| WATER                          | 37,918.54         | 51,632.34        | 2,868,479.00        | 1,391        | 89,550.88         |
| FIRELINE                       | 5,406.62          | 11.92            | 662.00              | 67           | 5,418.54          |
| SURCHARGE                      | 9,658.48          | 0.00             | 0.00                | 123          | 9,658.48          |
| WATER CMPND                    | 0.00              | 98.57            | 5,476.00            | 1            | 98.57             |
| ***Total Charge                | <u>52,983.64</u>  | <u>51,742.83</u> | <u>2,874,617.00</u> | <u>1,582</u> | <u>104,726.47</u> |
| <b>MONTHLY-Miscellaneous</b>   | <b>Amount</b>     |                  |                     | <b>Count</b> |                   |
| WATER                          | 770.00            |                  |                     | 76           |                   |
| ***Total Miscellaneous         | <u>770.00</u>     |                  |                     | <u>76</u>    | 152,252.61        |
| <b>MONTHLY-Payment</b>         | <b>Amount</b>     |                  |                     | <b>Count</b> |                   |
| WATER                          | -86,116.39        |                  |                     | 1,279        |                   |
| WATER Miscellaneous            | -734.23           |                  |                     | 3            |                   |
| FIRELINE                       | -4,458.05         |                  |                     | 56           |                   |
| SURCHARGE                      | -7,311.20         |                  |                     | 104          |                   |
| WATER CMPND                    | -98.57            |                  |                     | 1            |                   |
| ***Total Payments              | <u>-98,718.44</u> |                  |                     | <u>1,443</u> | 66,136.22         |
| <b>MONTHLY-Return Check</b>    | <b>Amount</b>     |                  |                     | <b>Count</b> |                   |
| WATER                          | 60.00             |                  |                     | 1            |                   |
| ***Total Return Check          | <u>60.00</u>      |                  |                     | <u>1</u>     | 53,594.17         |
| <b>MONTHLY-Write-Off</b>       | <b>Amount</b>     |                  |                     | <b>Count</b> |                   |
| WATER                          | -245.83           |                  |                     | 3            |                   |
| ***Total Write-Off             | <u>-245.83</u>    |                  |                     | <u>3</u>     | 53,348.34         |
| <b>MONTHLY-Deposit Applied</b> | <b>Amount</b>     |                  |                     | <b>Count</b> |                   |
| WATER                          | -240.00           |                  |                     | 4            |                   |
| ***Total Deposit Applied       | <u>-240.00</u>    |                  |                     | <u>4</u>     | 53,108.34         |
| <b>MONTHLY-Refund</b>          | <b>Amount</b>     |                  |                     | <b>Count</b> |                   |
| WATER                          | 298.89            |                  |                     | 4            |                   |
| ***Total Refund                | <u>298.89</u>     |                  |                     | <u>4</u>     | 53,407.23         |

**Closing Balance**

53,407.23

Annual Water Revenue By Classification 2018-2019

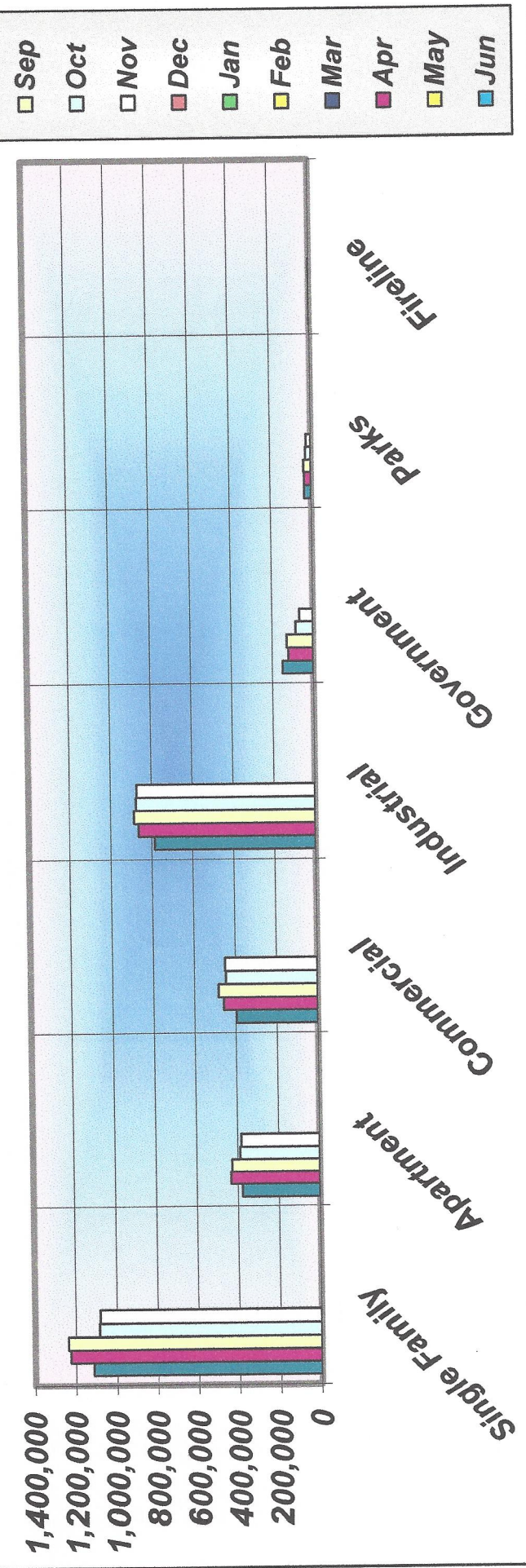
|               | Single Family       | Apartment          | Commercial         | Industrial         | Government         | Parks             | Fireline           | Totals              |
|---------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|
| Jul           | \$39,452.77         | \$17,065.22        | \$14,491.17        | \$15,948.76        | \$3,341.01         | \$955.63          | \$5,304.85         | \$96,559.41         |
| Aug           | \$44,682.00         | \$19,364.09        | \$16,764.09        | \$19,013.59        | \$3,169.35         | \$1,052.94        | \$5,552.41         | \$109,598.47        |
| Sep           | \$44,889.48         | \$19,234.10        | \$17,211.55        | \$19,425.57        | \$3,301.56         | \$1,096.79        | \$5,570.31         | \$110,729.36        |
| Oct           | \$42,119.73         | \$18,524.11        | \$16,588.34        | \$19,266.30        | \$2,527.95         | \$929.93          | \$5,412.72         | \$105,369.08        |
| Nov           | \$42,056.45         | \$18,387.80        | \$16,664.74        | \$19,176.18        | \$2,179.22         | \$843.54          | \$5,418.54         | \$104,726.47        |
| Dec           |                     |                    |                    |                    |                    |                   |                    |                     |
| Jan           |                     |                    |                    |                    |                    |                   |                    |                     |
| Feb           |                     |                    |                    |                    |                    |                   |                    |                     |
| Mar           |                     |                    |                    |                    |                    |                   |                    |                     |
| Apr           |                     |                    |                    |                    |                    |                   |                    |                     |
| May           |                     |                    |                    |                    |                    |                   |                    |                     |
| Jun           |                     |                    |                    |                    |                    |                   |                    |                     |
| <b>Totals</b> | <b>\$213,200.43</b> | <b>\$92,575.32</b> | <b>\$81,719.89</b> | <b>\$92,830.40</b> | <b>\$14,519.09</b> | <b>\$4,878.83</b> | <b>\$27,258.83</b> | <b>\$526,982.79</b> |



Annual Water Usage By Classification 2018-2019

|               | Single Family    | Apartment        | Commercial       | Industrial       | Government     | Parks          | Fireline     | Totals            |
|---------------|------------------|------------------|------------------|------------------|----------------|----------------|--------------|-------------------|
| Jul           | 1,113,076        | 378,044          | 396,208          | 784,612          | 148,762        | 32,660         | 62           | 2,853,424         |
| Aug           | 1,224,234        | 433,898          | 457,301          | 862,850          | 120,897        | 33,426         | 98           | 3,132,704         |
| Sep           | 1,237,233        | 428,679          | 483,053          | 885,738          | 128,243        | 35,862         | 83           | 3,198,891         |
| Oct           | 1,085,311        | 389,258          | 447,363          | 876,889          | 85,264         | 26,592         | 339          | 2,911,016         |
| Nov           | 1,081,167        | 382,040          | 451,182          | 871,883          | 65,890         | 21,793         | 662          | 2,874,617         |
| Dec           |                  |                  |                  |                  |                |                |              |                   |
| Jan           |                  |                  |                  |                  |                |                |              |                   |
| Feb           |                  |                  |                  |                  |                |                |              |                   |
| Mar           |                  |                  |                  |                  |                |                |              |                   |
| Apr           |                  |                  |                  |                  |                |                |              |                   |
| May           |                  |                  |                  |                  |                |                |              |                   |
| Jun           |                  |                  |                  |                  |                |                |              |                   |
| <b>Totals</b> | <b>5,741,021</b> | <b>2,011,919</b> | <b>2,235,107</b> | <b>4,281,972</b> | <b>549,056</b> | <b>150,333</b> | <b>1,244</b> | <b>14,970,652</b> |

**CUBIC USAGE**





**JOHN CHIANG  
TREASURER  
STATE OF CALIFORNIA**



**PMIA Performance Report**

| Date     | Daily Yield* | Quarter to Date Yield | Average Maturity (in days) |
|----------|--------------|-----------------------|----------------------------|
| 11/05/18 | 2.19         | 2.15                  | 205                        |
| 11/06/18 | 2.19         | 2.15                  | 205                        |
| 11/07/18 | 2.19         | 2.15                  | 203                        |
| 11/08/18 | 2.20         | 2.15                  | 204                        |
| 11/09/18 | 2.21         | 2.16                  | 205                        |
| 11/10/18 | 2.21         | 2.16                  | 205                        |
| 11/11/18 | 2.21         | 2.16                  | 205                        |
| 11/12/18 | 2.21         | 2.16                  | 205                        |
| 11/13/18 | 2.20         | 2.16                  | 203                        |
| 11/14/18 | 2.21         | 2.16                  | 201                        |
| 11/15/18 | 2.22         | 2.16                  | 201                        |
| 11/16/18 | 2.22         | 2.16                  | 202                        |
| 11/17/18 | 2.22         | 2.16                  | 202                        |
| 11/18/18 | 2.22         | 2.16                  | 202                        |
| 11/19/18 | 2.22         | 2.16                  | 200                        |
| 11/20/18 | 2.22         | 2.16                  | 199                        |
| 11/21/18 | 2.22         | 2.17                  | 197                        |
| 11/22/18 | 2.22         | 2.17                  | 197                        |
| 11/23/18 | 2.22         | 2.17                  | 197                        |
| 11/24/18 | 2.22         | 2.17                  | 197                        |
| 11/25/18 | 2.22         | 2.17                  | 197                        |
| 11/26/18 | 2.24         | 2.17                  | 192                        |
| 11/27/18 | 2.24         | 2.17                  | 192                        |
| 11/28/18 | 2.24         | 2.17                  | 199                        |
| 11/29/18 | 2.24         | 2.17                  | 199                        |
| 11/30/18 | 2.26         | 2.18                  | 207                        |
| 12/01/18 | 2.26         | 2.18                  | 207                        |
| 12/02/18 | 2.26         | 2.18                  | 207                        |
| 12/03/18 | 2.26         | 2.18                  | 207                        |
| 12/04/18 | 2.26         | 2.18                  | 206                        |
| 12/05/18 | 2.26         | 2.18                  | 204                        |

\*Daily yield does not reflect capital gains or losses

[View Prior Month Daily Rates](#)

**LAIF Performance Report**

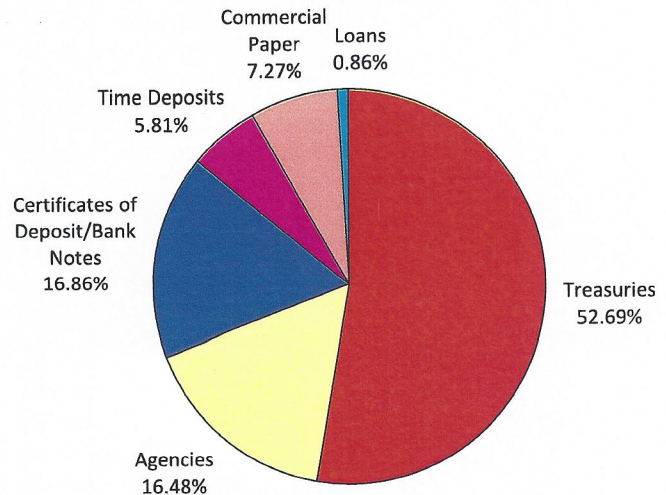
**Quarter Ending 09/30/18**

Apportionment Rate: 2.16%  
 Earnings Ratio: 0.00005909460836489  
 Fair Value Factor: 0.997832404  
 Daily: 2.09%  
 Quarter to Date: 2.00%  
 Average Life: 193

**PMIA Average Monthly Effective Yields**

**Nov 2018 2.208**  
 Oct 2018 2.144  
 Sept 2018 2.063

**Pooled Money Investment Account  
Portfolio Composition  
10/31/18  
\$84.7 billion**



Percentages may not total 100%, due to rounding.

Based on data available as of 12/6/2018

**CASTROVILLE COMMUNITY SERVICES DISTRICT  
INTERNAL REPORT**

Receipts, Disbursements, and Bank Balances as of November 30, 2018

Ending balance as of October 31, 2018                      \$11,550,039.11

**RABOBANK, GENERAL FUND - Revenue and Expenses**

|  |                   |
|--|-------------------|
| Beginning Balance                      | 213,648.95        |
| Water Receipts                         | 98,846.77         |
| Water-Sewer Miscellaneous Receipts     | 6,225.25          |
| Interest Earned                        | 3.44              |
| Expenses (Checks Written)              | (111,351.46)      |
| NSF Check & Bank Fee                   | (72.00)           |
| Misc. Over-Short                       | 0.32              |
| <b>Ending Balance for General Fund</b> | <b>207,301.27</b> |

**RABOBANK, CUSTOMER DEPOSIT FUND**

|   |                  |
|---|------------------|
| Beginning Balance                               | 62,521.95        |
| New Deposits (opened accounts)                  | 240.00           |
| Interest Earned                                 | 1.04             |
| Deposits Returned or Applied to Accounts        | (1,040.00)       |
| <b>Ending Balance for Customer Deposit Fund</b> | <b>61,722.99</b> |

**LAIF FUND**

|                                |                     |
|--------------------------------|---------------------|
| Beginning Balance              | 8,580,489.89        |
| Quarterly Interest Earned      | 0.00                |
| <b>Ending Balance for LAIF</b> | <b>8,580,489.89</b> |

**CAMP FUND**

|   |                   |
|---|-------------------|
| Beginning Balance Sewer (Zone 1) Capital Improv Account | 116,474.27        |
| Monthly Interest Earned                                 | 225.77            |
| <b>Ending Balance Camp Federal Security Account</b>     | <b>116,700.04</b> |

|   |                   |
|---|-------------------|
| Beginning Balance Sewer (Zone 1) Reserves Account   | 230,425.95        |
| Monthly Interest Earned                             | 446.66            |
| <b>Ending Balance CAMP Federal Security Account</b> | <b>230,872.61</b> |

**Cal TRUST-INVESTMENT**

|  |                     |
|--|---------------------|
| Beginning Balance Sewer (Zone 1) Medium-Term Account | 2,346,478.10        |
| Income Distribution                                  | 4,268.13            |
| Unrealized GAIN (Loss)                               | 2,377.38            |
| <b>Ending Balance Cal TRUST</b>                      | <b>2,353,123.61</b> |

|  |                      |
|--|----------------------|
| <b>New Balance as of November 30, 2018</b> | <b>11,550,210.41</b> |
|--|----------------------|



# Castroville Community Services District

## List of Checks for November 2018

| Date                         | Number | Name                             | Memo                                | Amount       |
|------------------------------|--------|----------------------------------|-------------------------------------|--------------|
| <b>General Fund Checking</b> |        |                                  |                                     |              |
| 11/8/2018                    | 25239  | Airgas NCN                       | Well Site Supplies                  | \$ 223.90    |
| 11/8/2018                    | 25240  | All Safe Security Alarm          | Alarm Service Fee                   | \$ 168.00    |
| 11/8/2018                    | 25241  | CA-NV Section AWWA               | Certification-Eric Cross Connection | \$ 100.00    |
| 11/8/2018                    | 25242  | CA Water Service Company         | Water Meters a Lift Stations Zone 2 | \$ 34.00     |
| 11/8/2018                    | 25243  | Carmel Marian Corporation        | Garbage Disposal Fees               | \$ 31.36     |
| 11/8/2018                    | 25244  | Core & Main LP                   | Meter for Well #5                   | \$ 4,595.88  |
| 11/8/2018                    | 25245  | Corix Water Products             | Parts & Supplies                    | \$ 214.85    |
| 11/8/2018                    | 25246  | Eudoxio Orozco Jr.               | Monthly Cell Phone Reimbursement    | \$ 40.00     |
|                              |        | continued                        | DI Certification Reimbursement      | \$ 120.00    |
| 11/8/2018                    | 25247  | Exxon Mobile                     | Fuel for Vehicles                   | \$ 364.50    |
| 11/8/2018                    | 25248  | GreatAmerica Financial Services  | Lease of Sorter & Postage Machine   | \$ 462.26    |
| 11/8/2018                    | 25249  | Jonathan Varela                  | Monthly Cell Phone Reimbursement    | \$ 40.00     |
| 11/8/2018                    | 25250  | Monterey Bay Analytical Services | Water Testing Fees                  | \$ 788.00    |
| 11/8/2018                    | 25251  | My Jeep Chrysler Doge Ram        | Deposit for 2017 Ram Truck          | \$ 5,000.00  |
| 11/8/2018                    | 25252  | Noland, Hamerly, Etienne, Hoss   | Legal Fees                          | \$ 1,179.00  |
| 11/8/2018                    | 25253  | NCRPD                            | Extended Recreational Services      | \$ 25,000.00 |
| 11/8/2018                    | 25254  | Pacific Gas & Electric           | Street Lights Zone 1 and 2          | \$ 4,208.98  |
| 11/8/2018                    | 25255  | Praxair Distribution Inc.        | Well Site Supplies                  | \$ 61.21     |
| 11/8/2018                    | 25256  | Principal Life Group             | Employees Monthly Life Insurance    | \$ 111.06    |
| 11/8/2018                    | 25257  | Redshift Internet Services       | DSL Services                        | \$ 69.99     |
| 11/8/2018                    | 25258  | USA Blue Book                    | Parts & Supplies                    | \$ 1,077.55  |
| 11/8/2018                    | 25259  | Visa-Eric                        | Printing of Flyers for MHI Zone 3   | \$ 64.17     |
|                              |        | continued                        | Snacks for 10-16-18 Meeting         | \$ 16.37     |
|                              |        | continued                        | Operators Lunch Meeting             | \$ 43.37     |
| 11/8/2018                    | 25260  | Visa-Lidia                       | 2 Months Web Service                | \$ 249.90    |
|                              |        | continued                        | Annual QuickBooks Tech Support      | \$ 499.95    |
|                              |        | continued                        | ACWA HR Conf Hotel Fees             | \$ 355.84    |
|                              |        | continued                        | Operators Cellular Phones & Misc    | \$ 74.42     |
| 11/8/2018                    | 25261  | Visa-Roberto                     | Parts & Supplies for Sites          | \$ 117.72    |
|                              | 25262- |                                  |                                     |              |
| 11/8/2018                    | 25267  | District Employees'              | Bi-Weekly Net Payroll               | \$ 12,191.21 |
| 11/8/2018                    | 25268  | VALIC                            | Bi-Weekly Deferred Comp             | \$ 1,515.00  |
| 11/8/2018                    | 1      | Electronic Federal Tax Payment   | Bi-Weekly Payroll Taxes             | \$ 5,331.58  |
| 11/8/2018                    | 2      | EDD                              | Bi-Weekly Payroll Taxes             | \$ 945.58    |
| 11/8/2018                    | 3      | PERS -Employees' Contribution    | Bi-Weekly Retirement Benefits       | \$ 1,296.90  |
| 11/8/2018                    | 4      | PERS-Employer Contribution       | Bi-Weekly Retirement Benefits       | \$ 1,618.37  |
|                              | 5      | CalPERS-Health                   | Employees Health Benefits-November  | \$ 11,392.30 |
| 11/21/2018                   | 25269  | 3T Equipment Company, Inc.       | Parts and Supplies                  | \$ 401.30    |
| 11/21/2018                   | 25270  | ACWA JPIA                        | Employees Dental, Vision & EAP      | \$ 1,007.07  |
| 11/21/2018                   | 25271  | Airgas NCN                       | Well Site Supplies                  | \$ 410.75    |
| 11/21/2018                   | 25272  | All Safe Security Alarm          | Repair and Maintenance              | \$ 110.00    |
| 11/21/2018                   | 25273  | Aramark Uniform Service          | Operators Uniforms & Office Mats    | \$ 404.14    |
| 11/21/2018                   | 25274  | AT&T Mobility                    | Monthly Wireless Service            | \$ 40.35     |
| 11/21/2018                   | 25275  | Castroville Hardware             | Parts & Supplies                    | \$ 204.41    |
| 11/21/2018                   | 25276  | Core & Main LP                   | Registers for Water Meters & Parts  | \$ 3,381.37  |
| 11/21/2018                   | 25277  | CWEA                             | Membership Dues-Varela              | \$ 188.00    |
| 11/21/2018                   | 25278  | De Nora Water Technologies       | Well Site Supplies                  | \$ 456.36    |
| 11/21/2018                   | 25279  | Gutierrez Consultants            | Grant Application Assistance        | \$ 217.00    |
| 11/21/2018                   | 25280  | Pacific Gas & Electric           | Steel Garage                        | \$ 18.67     |
|                              |        | continued                        | Lift Stations Zone 1 & 2            | \$ 995.73    |

**List of Checks for November 2018**

| <b>Date</b>                        | <b>Number</b> | <b>Name</b>                      | <b>Memo</b>                   | <b>Amount</b>        |
|------------------------------------|---------------|----------------------------------|-------------------------------|----------------------|
| <b>General Fund Checking</b>       |               |                                  |                               |                      |
|                                    |               | continued                        | Lift Stations Zone 3          | \$ 976.28            |
| 11/21/2018                         | 25281         | Ronald J. Stefani                | Per Diem for ACWA Conference  | \$ 125.00            |
| 11/21/2018                         | 25282         | Thatcher Company                 | Well Site Supplies            | \$ 613.33            |
|                                    | 25283-        |                                  |                               |                      |
| 11/21/2018                         | 25288         | District Employees'              | Bi-Weekly Net Payroll         | \$ 12,173.41         |
| 11/21/2018                         | 25289         | VALIC                            | Bi-Weekly Deferred Comp       | \$ 1,515.00          |
| 11/21/2018                         | 1             | Electronic Federal Tax Payment   | Bi-Weekly Payroll Taxes       | \$ 4,669.82          |
| 11/21/2018                         | 2             | EDD                              | Bi-Weekly Payroll Taxes       | \$ 924.98            |
| 11/21/2018                         | 3             | PERS -Employees' Contribution    | Bi-Weekly Retirement Benefits | \$ 1,296.90          |
| 11/21/2018                         | 4             | PERS-Employer Contribution       | Bi-Weekly Retirement Benefits | \$ 1,618.37          |
| <b>Total General Fund-Checking</b> |               |                                  |                               | <b>\$ 111,351.46</b> |
| <b>Customer Deposit Fund</b>       |               |                                  |                               |                      |
| 11/8/2018                          | 3837          | Viking Construction Company, Inc | Deposit Refund                | \$ 800.00            |
| 11/30/2018                         | 3838          | Joel Mesa                        | Deposit Refund                | \$ 36.79             |
| 11/30/2018                         | 3839          | Sonia Solorio                    | Deposit Refund                | \$ 36.71             |
| 11/30/2018                         | 3840          | Jonathan Kaufman                 | Deposit Refund                | \$ 60.00             |
| 11/30/2018                         | 3841          | Miles Farmer                     | Deposit Refund                | \$ 60.00             |
| 11/30/2018                         | 3842          | Castroville CSD                  | November Closures             | \$ 46.50             |
| <b>Total Customer Deposit Fund</b> |               |                                  |                               | <b>\$ 1,040.00</b>   |

# Calendar for Year 2019 (United States)

| <p><b>January</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> <tr><td colspan="7">5:● 14:☉ 21:○ 27:☾</td></tr> </table>  | Su | Mo | Tu | We | Th | Fr | Sa |  |   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  | 5:● 14:☉ 21:○ 27:☾     |  |  |  |  |  |  | <p><b>February</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td></td><td></td></tr> <tr><td colspan="7">4:● 12:☉ 19:○ 26:☾</td></tr> </table>     | Su | Mo | Tu | We | Th | Fr | Sa |  |  |  |   |   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |    |    | 4:● 12:☉ 19:○ 26:☾ |  |  |  |  |  |  | <p><b>March</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="7">6:● 14:☉ 20:○ 28:☾</td></tr> </table> | Su | Mo | Tu | We | Th | Fr | Sa |   |   |   |   |   | 1 | 2 | 3 | 4 | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31                 |  |  |  |  |  |  | 6:● 14:☉ 20:○ 28:☾ |  |  |  |  |  |  |
|--|----|----|----|----|----|----|----|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|------------------------|--|--|--|--|--|--|--|----|----|----|----|----|----|----|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|--|--|--|--|--|--|--|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|--|--|--|--|--|--|--------------------|--|--|--|--|--|--|
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    | 1  | 2  | 3  | 4  | 5  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 6  | 7  | 8  | 9  | 10 | 11 | 12 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 13   | 14 | 15 | 16 | 17 | 18 | 19 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 20   | 21 | 22 | 23 | 24 | 25 | 26 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 27   | 28 | 29 | 30 | 31 |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 5:● 14:☉ 21:○ 27:☾   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    |    |    |    | 1  | 2  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 10   | 11 | 12 | 13 | 14 | 15 | 16 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 17   | 18 | 19 | 20 | 21 | 22 | 23 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 24   | 25 | 26 | 27 | 28 |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 4:● 12:☉ 19:○ 26:☾   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    |    |    |    | 1  | 2  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 10   | 11 | 12 | 13 | 14 | 15 | 16 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 17   | 18 | 19 | 20 | 21 | 22 | 23 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 24   | 25 | 26 | 27 | 28 | 29 | 30 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 31   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 6:● 14:☉ 20:○ 28:☾   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| <p><b>April</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="7">5:● 12:☉ 19:○ 26:☾</td></tr> </table>      | Su | Mo | Tu | We | Th | Fr | Sa |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |    |    |  |  | 5:● 12:☉ 19:○ 26:☾     |  |  |  |  |  |  | <p><b>May</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td></tr> <tr><td colspan="7">4:● 11:☉ 18:○ 26:☾</td></tr> </table>    | Su | Mo | Tu | We | Th | Fr | Sa |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |    | 4:● 11:☉ 18:○ 26:☾ |  |  |  |  |  |  | <p><b>June</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="7">3:● 10:☉ 17:○ 25:☾</td></tr> </table>    | Su | Mo | Tu | We | Th | Fr | Sa |   |   |   |   |   |   | 1 | 2 | 3 | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30                 |  |  |  |  |  |  | 3:● 10:☉ 17:○ 25:☾ |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  | 1  | 2  | 3  | 4  | 5  | 6  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 14   | 15 | 16 | 17 | 18 | 19 | 20 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 21   | 22 | 23 | 24 | 25 | 26 | 27 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 28   | 29 | 30 |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 5:● 12:☉ 19:○ 26:☾   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    |    | 1  | 2  | 3  | 4  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 5  | 6  | 7  | 8  | 9  | 10 | 11 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 12   | 13 | 14 | 15 | 16 | 17 | 18 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 19   | 20 | 21 | 22 | 23 | 24 | 25 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 26   | 27 | 28 | 29 | 30 | 31 |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 4:● 11:☉ 18:○ 26:☾   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    |    |    |    |    | 1  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 2  | 3  | 4  | 5  | 6  | 7  | 8  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 9  | 10 | 11 | 12 | 13 | 14 | 15 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 16   | 17 | 18 | 19 | 20 | 21 | 22 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 23   | 24 | 25 | 26 | 27 | 28 | 29 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 30   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 3:● 10:☉ 17:○ 25:☾   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| <p><b>July</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> <tr><td colspan="7">2:● 9:☉ 16:○ 24:☾ 31:●</td></tr> </table> | Su | Mo | Tu | We | Th | Fr | Sa |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |    |  |  | 2:● 9:☉ 16:○ 24:☾ 31:● |  |  |  |  |  |  | <p><b>August</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> <tr><td colspan="7">7:☉ 15:○ 23:☾ 30:●</td></tr> </table> | Su | Mo | Tu | We | Th | Fr | Sa |  |  |  |   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 7:☉ 15:○ 23:☾ 30:● |  |  |  |  |  |  | <p><b>September</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="7">5:☉ 14:○ 21:☾ 28:●</td></tr> </table>  | Su | Mo | Tu | We | Th | Fr | Sa | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |    |    |    |    |    | 5:☉ 14:○ 21:☾ 28:● |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  | 1  | 2  | 3  | 4  | 5  | 6  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 14   | 15 | 16 | 17 | 18 | 19 | 20 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 21   | 22 | 23 | 24 | 25 | 26 | 27 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 28   | 29 | 30 | 31 |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 2:● 9:☉ 16:○ 24:☾ 31:●   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    |    |    | 1  | 2  | 3  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 4  | 5  | 6  | 7  | 8  | 9  | 10 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 11   | 12 | 13 | 14 | 15 | 16 | 17 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 18   | 19 | 20 | 21 | 22 | 23 | 24 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 25   | 26 | 27 | 28 | 29 | 30 | 31 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 7:☉ 15:○ 23:☾ 30:●   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 15   | 16 | 17 | 18 | 19 | 20 | 21 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 22   | 23 | 24 | 25 | 26 | 27 | 28 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 29   | 30 |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 5:☉ 14:○ 21:☾ 28:●   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| <p><b>October</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> <tr><td colspan="7">5:☉ 13:○ 21:☾ 27:●</td></tr> </table>  | Su | Mo | Tu | We | Th | Fr | Sa |  |   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  | 5:☉ 13:○ 21:☾ 27:●     |  |  |  |  |  |  | <p><b>November</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td colspan="7">4:☉ 12:○ 19:☾ 26:●</td></tr> </table> | Su | Mo | Tu | We | Th | Fr | Sa |  |  |  |   |   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 4:☉ 12:○ 19:☾ 26:● |  |  |  |  |  |  | <p><b>December</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="7">4:☉ 12:○ 18:☾ 26:●</td></tr> </table>   | Su | Mo | Tu | We | Th | Fr | Sa | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |    |    |    |    | 4:☉ 12:○ 18:☾ 26:● |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    | 1  | 2  | 3  | 4  | 5  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 6  | 7  | 8  | 9  | 10 | 11 | 12 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 13   | 14 | 15 | 16 | 17 | 18 | 19 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 20   | 21 | 22 | 23 | 24 | 25 | 26 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 27   | 28 | 29 | 30 | 31 |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 5:☉ 13:○ 21:☾ 27:●   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
|  |    |    |    |    | 1  | 2  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 10   | 11 | 12 | 13 | 14 | 15 | 16 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 17   | 18 | 19 | 20 | 21 | 22 | 23 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 24   | 25 | 26 | 27 | 28 | 29 | 30 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 4:☉ 12:○ 19:☾ 26:●   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| Su   | Mo | Tu | We | Th | Fr | Sa |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 15   | 16 | 17 | 18 | 19 | 20 | 21 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 22   | 23 | 24 | 25 | 26 | 27 | 28 |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 29   | 30 | 31 |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |
| 4:☉ 12:○ 18:☾ 26:●   |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |                        |  |  |  |  |  |  |  |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |  |  |  |  |  |  |                    |  |  |  |  |  |  |

| Holidays: |                                |        |                             |
|-----------|--------------------------------|--------|-----------------------------|
| Jan 1     | New Year's Day                 | Nov 28 | Thanksgiving Day            |
| Jan 21    | Martin Luther King Jr. Day     | Dec 25 | Christmas Day               |
| Feb 18    | Presidents' Day (Most regions) | Oct 14 | Columbus Day (Most regions) |
| May 27    | Memorial Day                   | Nov 11 | Veterans Day                |
| Jul 4     | Independence Day               | Sep 2  | Labor Day                   |

Calendar generated on [www.timeanddate.com/calendar](http://www.timeanddate.com/calendar)