

NOTICE AND AGENDA OF REGULAR MEETING

GROUNDWATER SUSTAINABILITY AGENCY
FOR THE WESTERN MANAGEMENT AREA
IN THE SANTA YNEZ RIVER GROUNDWATER BASIN

WILL BE HELD
AT **10:00 AM**, WEDNESDAY, NOVEMBER 18, 2020

TELECONFERENCE MEETING ONLY – NO PHYSICAL MEETING LOCATION
PUBLIC PARTICIPATION DIAL-IN NUMBER: 1-267-866-0999
MEETING ID / PASSCODE: 8723 94 5924

Public participants can view presentation materials and live video on their device

Website: app.chime.aws (or download *Amazon Chime* app),
“Join a meeting without an account”
Meeting ID: 8723 94 5924

You do NOT need to create an Amazon Chime account or login with email for meeting participation.

Public participant phones and microphones will be muted, and webcams disabled.
Live Chat Text (online users only) will be enabled for questions.

If your device does not have a microphone or speakers, you can also call Phone Number & log in with Meeting ID listed above to listen while viewing the live presentation online.

Teleconference Meeting During Coronavirus (COVID-19) Emergency: As a result of the COVID-19 emergency and Governor Newsom’s Executive Orders to protect public health by issuing shelter-in-home standards, limiting public gatherings, and requiring social distancing, this meeting will occur solely via teleconference as authorized by and in furtherance of Executive Order Nos. N-29-20 and N-33-20. **Virtual meeting is in accordance with the [SB County Health Office Order 2020-12.11](#)**

Important Notice Regarding Public Participation in Teleconference Meeting: Those who wish to provide public comment on an Agenda Item, or who otherwise are making a presentation to the GSA Committee, may participate in the meeting using the dial-in number and passcode above. **Those wishing to submit written comments instead, please submit any and all comments and materials to the GSA via electronic mail at bbuelow@syrwcd.com.** All submittals of written comments must be received by the GSA no later than 5:00 p.m. on Tuesday, November 17, 2020, and should indicate **“November 18, 2020 GSA Meeting”** in the subject line. To the extent practicable, public comments and materials received in advance pursuant to this timeframe will be read into the public record during the meeting. Public comments and materials not read into the record will become part of the post-meeting materials available to the public and posted on the SGMA website.

In the interest of clear reception and efficient administration of the meeting, all persons participating in this teleconference are respectfully requested to mute their phones after dialing-in and at all times unless speaking.

AGENDA ON NEXT PAGE

AGENDA OF REGULAR MEETING

- I. Call to Order
- II. Introductions and review of SGMA in the Santa Ynez River Valley Basin
- III. Additions or Deletions to the Agenda
- IV. Public Comment (Any member of the public may address the Committee relating to any non-agenda matter within the Committee’s jurisdiction. The total time for all public participation shall not exceed fifteen minutes and the time allotted for each individual shall not exceed five minutes. No action will be taken by the Committee at this meeting on any public item.)
- V. Review and consider approval of meeting minutes of August 26, 2020 and October 21, 2020
- VI. Receive WMA GSA Financial update and consider approval of WMA Warrant List
- VII. Review and approve Draft No. 2 SGMA Newsletter
 - i. Release to CAG for comment before distribution
 - ii. Request Agencies distribute in utility bills/mailers
- VIII. Receive update on Aerial Electro-Magnetic Survey of WMA
- IX. Receive update from WMA Citizen Advisory Group meeting on November 12, 2020 on the Draft Hydrogeologic Conceptual Model (HCM)
- X. Receive Draft Groundwater Conditions Technical Memorandum (GCTM) and attend presentation on GCTM and Introduction to Sustainable Management Criteria (SMCs) from the Stetson consultant team
 - i. Consider 60 Day public comment period for GCTM
 - ii. Consider directing staff to hold Citizen Advisory Group meeting on GCTM
- XI. Consider proposed “Special” WMA GSA Meetings: **December 16, 2020 10 AM** and **January 27, 2021 10 AM**
- XII. Next “Regular” WMA GSA Meeting: **Wednesday, February 24, 2021, 10:00 AM.**
- XIII. WMA GSA Committee requests and comments
- XIV. Adjournment

[This agenda was posted 72 hours prior to the scheduled regular meeting at 3669 Sagunto Street, Suite 101, Santa Ynez, California, and <https://www.santaynezwater.org> in accordance with Government Code Section 54954. In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Santa Ynez River Water Conservation District at (805) 693-1156. Notification 72 hours prior to the meeting will enable the GSA to make reasonable arrangements to ensure accessibility to this meeting.]

DRAFT MEETING MINUTES

Groundwater Sustainability Agency for the Western Management Area in the Santa Ynez River Groundwater Basin August 26, 2020

A regular meeting of the Groundwater Sustainability Agency (GSA) for the Western Management Area (WMA) in the Santa Ynez River Groundwater Basin was held on Wednesday, 26 August 2020. As a result of the COVID-19 emergency and Governor Newsom's Executive Orders to protect public health by issuing shelter-in-home standards, limiting public gatherings, and requiring social distancing, this meeting occurred solely via teleconference as authorized by and in furtherance of Executive Order Nos. N-29-20 and N-33-20.

GSA Committee Directors Present: Chris Brooks, Meighan Dietenhofer (Acting as Alternate), Steve Jordan, Jim Mosby, Bruce Nix

Alternate GSA Committee Director Present: Art Hibbits, Katherine Stewart

Staff Present: Joe Barget, Bill Buelow, Loch Dreizler, Amber Thompson, Kristin Worthley, Matt Young

Others Present: Brian Bondy, Zoe Carlson (Dudek), Maygan Cline (GeoSyntec), Ken Domako, Curtis Lawler (Stetson Engineers), Tim Nicely (GSI), Anita Regmi (DWR), Charles Witt

I. Call to Order and Roll Call

GSA Committee Director Brooks called the meeting to order at 10:05 a.m. asked Mr. Buelow to call roll. Four Committee Directors and one Acting Alternate were present providing a quorum.

II. Introductions and Review of SGMA in Santa Ynez River Valley Basin

Mr. Buelow asked staff from all member agencies, consultants, WMA GSA CAG members and members of the public to announce their presence as phone attendees.

Mr. Buelow reviewed history of the Sustainable Groundwater Management Act (SGMA) requirements and what has been completed so far in the Santa Ynez River Basin including the creation of the three Groundwater Sustainability Agencies (GSAs) in the Basin (EMA, CMA, WMA), securing Department of Water Resources (DWR) Prop. 1 Grant (Grant) funding, hiring Consultants, coordinating efforts between the eight agencies participating in the three GSAs, and establishing a Citizen Advisory Group (CAG) in each of the Management Areas of the Basin.

III. Additions or Deletions, if any, to the Agenda

No additions or deletions were made. A request to change order to move Item XII before Item IV was approved.

IV. Public Comment

Mr. Bill Buelow introduced correspondence received on July 31, 2020 from the Santa Ynez Water Group referred to under Item XII of the agenda. The group is currently comprised of over 47 landowners representing thousands of acres located in all three management areas of the Basin.

Mr. Brian Bondy spoke on behalf of the Santa Ynez Water Group. The Group was created to serve landowners and engage with GSA Directors and Member Agency staff and leverage GSA outreach to landowners in the Basin. The group has grown since the letter was sent and now currently represents landowners of over 10,000 acres.

V. Review and Consider Approval of Minutes

GSA Committee Director Brooks submitted the minutes of the meetings of May 20, 2020 for GSA Committee approval.

GSA Committee Director Jordan made a MOTION to approve the minutes as received. GSA Committee Director Mosby seconded the motion and it passed unanimously by Roll Call vote.

VI. Receive WMA GSA financial update and approve WMA Warrant Lists

Mr. Buelow presented the financial reports of FY 2019-20 Periods 10 through 12 (through June 30, 2020) and the Warrant Lists for April, May, June and July 2020 for GSA Committee review. Discussion followed.

GSA Committee Director Jordan made a MOTION to approve the April, May, June and July 2020 Warrant Lists (Nos. 1011 – 1018) totaling \$170,532.01 and financial reports as submitted. GSA Committee Director Brooks seconded the motion and it passed unanimously by Roll Call vote.

VII. Receive update and memo from WMA Citizen Advisory Group

Mr. Charlie Witt presented a Memorandum dated August 26, 2020 and gave an update on the WMA Citizen Advisory Group (CAG) activities. The WMA CAG meeting of June 3, 2020 was cancelled due to lack of quorum. The WMA CAG met again on June 25, 2020 via teleconference to review the Draft Technical Memorandum (TM) for Regional Geology and 3D Geologic Model for the Santa Ynez River Valley Groundwater Basin and the Draft Phase 1 TM for Data Compilation for the Santa Ynez River Groundwater Basin Data Management System (WMA and CMA). The WMA CAG provided comments on both documents to staff and consultants for consideration in the final versions.

Discussion followed. There was no public comment.

VIII. Receive Staff Memo and Overview on Adjustments to Management Area Boundaries

Mr. Buelow presented a Memorandum dated August 2020 regarding Management Area Boundary Modifications. He explained the slight shift in internal boundaries.

The CMA-EMA proposed internal boundary change was based on a request from the City of Solvang and a further analysis of parcel boundaries and hydrogeologic information. The revised boundary does not split any parcels and follows a topographic and geologic break at the base of Skytt Mesa.

The proposed change to the CMA-WMA boundary is based on an analysis of the hydrologic and hydrogeologic data by Stetson Engineers. It aligns the Management Area boundary with surface water drainage, the local topography and hydrogeology; encloses a large portion of the Careaga formation within the CMA, which aids in calculations for the water budget; aligns the boundary to the SYRWCD boundary in the Santa Rita and Buellton uplands; shortens the boundary between the WMA and CMA which will simplify water budget calculations; and moves the boundary at the Santa Ynez River nearer to a former USGS gauge location and a bedrock high. The new boundary is less arbitrary and will make the calculation of groundwater and surface water flux between the CMA and WMA easier to quantify.

He further clarified that all parcels included in these internal boundary changes were previously part of a GSA in this Basin. No additional land is subject to SGMA as a result of the changes therefore it is not considered a material change by DWR.

There were no questions or comments.

GSA Committee Director Jordan made a MOTION to endorse the proposed boundary changes. GSA Committee Director Mosby seconded the motion and it passed unanimously by Roll Call vote.

IX. Receive update on GSP activities in the WMA and Basin

Ms. Cline (Geosytec Consultants), along with Zoe Carlson (Dudek) and Curtis Lawler, (Stetson Engineers), presented an update on the consultants GSP activities in the WMA GSA since the last GSA Committee meeting in May 2020, a SGMA and GSA overview, GSP timeline and milestones and consultant team progress. The presentation also provided a review of the Draft Technical Memorandum of 3D Geologic Model for the Santa Ynez River Valley Groundwater Basin, community outreach and engagement, Draft Technical Memorandum of Data Compilation and Management, Hydrogeologic Conceptual Model, Water Budget, Groundwater Conditions and Groundwater Model. The consultants reviewed newly initiated work, ongoing activities and the next steps to create a SGMA compliant GSP for the WMA GSA.

There was public comment, GSA Committee Member, consultant and staff discussion following the presentation.

- Committee Director Mosby asked if the project schedule/timeline and milestones are on track. Ms. Cline confirmed the schedule is on track with additional special meetings being added to the Timeline. He requested more in-depth milestones to show if tasks are ahead, on-time or behind schedule. Mr. Buelow assured that the work is on track and will share the detailed schedule chart with Committee Directors.
- Committee Director Mosby asked if Durbin Model is being considered in the data and why is Groundwater Model only referencing data beginning in 1982. Ms. Cline confirmed that data from the Durbin Model is being used and referenced as part of “existing data”. Mr. Curtis Lawler (Stetson Engineers) explained that the period of 1982-2018 was chosen in an effort to coordinate with all three GSAs, matches up to pumping data available for all three GSAs from Santa Ynez River Water Conservation District, represents equal numbers of dry versus wet years and includes two critical drought periods.
- Committee Director Mosby asked if water quality is considered in the Groundwater Model. Mr. Lawler explained SGMA’s forward looking goal and will be considered and addressed in 2021 during public workshops.
- Mr. Joe Barget asked for clarification of HCM WMA Subareas versus previously published Subbasins used by other agencies. Ms. Cline explained the labeling of the Subareas as it is was initiated by official boundaries created by DWR. The details will be referenced in the Technical Studies being created by consultant team.
- Committee Director Jordan asked if recharge by the wastewater treatment plant is included. Ms. Cline confirmed those operations are considered as Return Flow in the Water Budget.
- Mr. Brian Bondy, Santa Ynez Water Group, expressed concern that the number of planned meetings seems too low particularly in 2021 and encourages committee to consider as much opportunity as possible for public input regarding sustainability goals.
- Mr. Brian Bondy asked if the Geologic Model Technical Memorandum considers earthquake faulting since it is not listed. Ms. Cline confirmed faulting is considered but faults are not currently shown in the Model. The CMA/WMA GSA consultant team is working with the EMA GSA consultant team for a unified model on faulting to account for major/minor and active/inactive faults and will be added to the final Geologic Model Technical Memorandum after all data has been collected and unified model agreed upon.

X. Receive Staff Update on Numeric Groundwater Model Task

Mr. Buelow informed the WMA GSA Committee that a change is required to the scope and budget of the Numeric Groundwater Model task due to a change in conditions surrounding the Durbin Groundwater Model. Consultants discovered that the software platform used to originally create the Durbin Groundwater Model would not be supported

throughout the SGMA process requiring the consultant team to reconstruct the Durbin Groundwater Model in coordination with Mr. Durbin in a supported software. The increased cost is estimated about \$100,000 to be determined. Draft order revisions are currently underway and will be presented to WMA GSA Committee and Member Agency staff at a later date.

Discussion followed. GSA Committee Directors Brooks and Jordan support revision to modflow task budget. No vote was needed or taken yet.

XI. Receive update on Aerial Electro-Magnetic Survey of WMA

Mr. Buelow announced Santa Ynez River Water Conservation District, on behalf of the CMA and WMA portions of the Basin, was awarded a \$296,000 grant with requirement of about \$100,000 to be spent by the CMA and WMA GSAs toward SkyTEM survey of the CMA and WMA. The project has been delayed due to COVID-19 travel restrictions as the crew is based out of Ontario, Canada. They are now allowed entry to the US and are beginning their work again. Staff is in communication with SkyTEM and are waiting for a firm date for operations. The survey will possibly occur in late September or October. Staff will proceed with public awareness campaigns including press releases, email blasts and physical mailer after the flight dates are confirmed.

Discussion followed.

XII. Received Correspondence

Correspondence received from the Santa Ynez Water Group was introduced and discussed during Public Comment.

XIII. Possible Special WMA GSA Meetings

Mr. Buelow announced there may be a need for Special Meetings of the WMA GSA Committee Meeting to review the Technical Memoranda. Discussion followed. The tentative dates are October 14 (1:00 – 3:00 pm) and/or October 21 (10:00 am – 12:00 pm), exact date, time and location TBD. Due to COVID-19 restrictions, it may be held via teleconference call.

XIV. Next Regular WMA GSA Meeting: Wednesday, November 18, 2020, 10:00 AM, location TBD

Mr. Buelow announced that the next WMA GSA Committee Meeting will be Wednesday, November 18, 2020, 10:00 AM, location TBD. Due to COVID-19 restrictions, it may be held via teleconference call.

XV. WMA GSA Committee requests and comments

There were no requests or comments.

XVI. Adjournment

GSA Committee Director Brooks adjourned the meeting at 12:13 p.m.

Chris Brooks, Chairman

William J. Buelow, Secretary

DRAFT

DRAFT MEETING MINUTES

Groundwater Sustainability Agency for the Western Management Area in the Santa Ynez River Groundwater Basin October 21, 2020

A special meeting of the Groundwater Sustainability Agency (GSA) for the Western Management Area (WMA) in the Santa Ynez River Groundwater Basin was held on Wednesday, 21 October 2020. As a result of the COVID-19 emergency and Governor Newsom's Executive Orders to protect public health by limiting public gatherings, and requiring social distancing, this meeting occurred solely via teleconference as authorized by and in furtherance of Executive Order Nos. N-29-20 and N-33-20.

GSA Committee Directors Present: Chris Brooks, Meighan Dietenhofer (Acting as Alternate), Steve Jordan, Jim Mosby

Alternate GSA Committee Director Present: Art Hibbits, Katherine Stewart

Staff Present: Joe Barget, Bill Buelow, Amber Thompson, Kevin Walsh, Kristin Worthley, Matt Young

Others Present: Bryan Bondy, Kari Campbell-Bohard, Zoe Carlson (Dudek), Doug Circle, Maygan Cline (GeoSyntec), Sean Diggins, Ken Domako, John Fio (EKI), Karen Kistler, Curtis Lawler (Stetson Engineers), Miles McCammon (Stetson Engineers), Tim Nicely (GSI), Anita Regmi (DWR), Scott Williams, Charles Witt and 4 members of the public

I. Call to Order and Roll Call

GSA Committee Director Brooks called the meeting to order at 1:13 p.m. asked Mr. Buelow to call roll. Three Committee Directors and one Acting Alternate were present providing a quorum.

II. Introductions and Review of SGMA in Santa Ynez River Valley Basin

Mr. Buelow asked staff from all member agencies, consultants, WMA GSA CAG members and members of the public to announce their presence as phone attendees.

Mr. Buelow reviewed history of the Sustainable Groundwater Management Act (SGMA) requirements and what has been completed so far in the Santa Ynez River Basin including the creation of the three Groundwater Sustainability Agencies (GSAs) in the Basin (EMA, CMA, WMA), securing Department of Water Resources (DWR) Prop. 1 Grant (Grant) funding, hiring Consultants, coordinating efforts between the eight agencies participating in the three GSAs, and establishing a Citizen Advisory Group (CAG) in each of the Management Areas of the Basin.

III. Additions or Deletions, if any, to the Agenda

No additions or deletions were made.

IV. Public Comment

There was no public comment. Mr. Bill Buelow announced that no public comment was received prior to the meeting.

V. Receive and Discuss Received Correspondence from Santa Ynez Water Group

Correspondence dated September 16, 2020 received from the Santa Ynez Water Group was introduced and discussed.

VI. Workshop on WMA Hydrogeologic Conceptual Model

Ms. Cline (Geosytec Consultants), Zoe Carlson (Dudek), Curtis Lawler, (Stetson Engineers) and Miles McCammon (Stetson Engineers) presented the October 2020 HCM Stakeholder Workshop. They provided a general overview and update on the WMA Hydrogeologic Conceptual Model (HCM) and requested detailed comments and questions be made via the portal at SantaYnezWater.org. The presentation provided a review of Sections 1-6 of the Hydrogeologic Conceptual Model, Draft Technical Memorandum, upcoming meetings, and SkyTEM Aerial ElectroMagnetic Survey including draft flight plan map.

There was public comment, GSA Committee Member, consultant, and staff discussion following each section of the presentation.

- Committee Director Brooks asked about the nature of water flow at the Narrows mentioned in Section 3. Mr. Miles McCammon (Stetson Engineers) clarified aquifer differences between Above and Below Narrows areas.
- Committee Member Jordan asked about riparian versus groundwater aquifer lines in Section 3. Consultants will address in the next section.
- Bryan Bondy stated that data gaps were mentioned numerous times and asked about which data gaps would affect the ability to sustainably manage the basin vs those that are just technical curiosity. Consultants will recap the Data Gaps at the end of the presentation.
- Committee Director Brooks asked why some creeks are not included in Section 4. Consultants explained that some creeks were left off the map if they are relatively small compared to others shown.
- Committee Director Brooks asked about constraints on groundwater for Burton Mesa and Lompoc Terrace areas. Consultants explained constraints are unknown because of a lack of studies.
- Bryan Bondy stated that the Santa Ynez Water Group (SYWG) will provide specific comments via the portal, but generally there would be a concern about identifying data

gaps that do not significantly affect the ability to sustainably manage the basin because the implication is that data gaps would need to be addressed during SGMA implementation at a significant cost to the groundwater users. For example, assuming the data gaps relative to perched aquifers - perched aquifers probably do not need to be managed under SGMA (i.e. not a “principal aquifer” under SGMA). SYWG recommends prioritizing data gaps and only including and addressing those that significantly affect sustainable management of the basin.

- Bryan Bondy asked when comments are due on HCM. Response: by December 21, 2020
- Committee Directors, by unanimous decision, directed staff to brief the WMA Citizens Advisory Group (CAG) on the Draft Technical Memorandum, receive CAG comments and open document for minimum 60-day public review and comment period.

VII. Next Regular WMA GSA Meeting: Wednesday, November 18, 2020, 10:00 AM, location TBD

Mr. Buelow announced that the next WMA GSA Committee Meeting will be Wednesday, November 18, 2020, 10:00 AM, location TBD. Due to COVID-19 restrictions, it may be held via teleconference call.

VIII. WMA GSA Committee requests and comments

Mr. Buelow announced the SkyTEM AEM Survey of EMA, CMA and WMA is expected to take place for about one week during the middle to end of November 2020. Results of the survey will be added to the HCM.

IX. Adjournment

GSA Committee Director Brooks adjourned the meeting at 3:05 p.m.

Chris Brooks, Chairman

William J. Buelow, Secretary

SYRWCD WMA
BALANCE SHEET
SEPTEMBER 30, 2020

Assets

Current Assets

Mechanics Bank #8301 \$265,281.94

TOTAL Current Assets 265,281.94

TOTAL Assets \$265,281.94

Liabilities AND Equity

TOTAL Liabilities .00

Net Position

Retained Earnings 285,448.97

Retained Earnings-Current Year (20,167.03)

TOTAL Net Position 265,281.94

TOTAL Liabilities AND Equity \$265,281.94

SYRWCD WMA
INCOME STATEMENT
FOR THE 3 PERIODS ENDED SEPTEMBER 30, 2020

| | QUARTER TO DATE | | YEAR TO DATE | |
|-------------------------------|-----------------|---------|--------------|---------|
| | ACTUAL | PERCENT | ACTUAL | PERCENT |
| Revenue: | | | | |
| Revenue | | | | |
| Operating Assessments | \$66,689.04 | 100.0 % | 66,689.04 | 100.0 |
| | | | | |
| TOTAL Revenue | 66,689.04 | 100.0 | 66,689.04 | 100.0 |
| | | | | |
| TOTAL Revenue | 66,689.04 | 100.0 | 66,689.04 | 100.0 |
| | | | | |
| Gross Profit | 66,689.04 | 100.0 | 66,689.04 | 100.0 |
| | | | | |
| Expenses: | | | | |
| Consultants | | | | |
| Stakeholder Engagement | 5,278.49 | 7.9 | 5,278.49 | 7.9 |
| GSP - DMS | 11.75 | .0 | 11.75 | .0 |
| GSP - HCM | 46,638.86 | 69.9 | 46,638.86 | 69.9 |
| GSP - Water Budget, GW Models | 34,465.96 | 51.7 | 34,465.96 | 51.7 |
| GSP - Monitor/Measure | 429.50 | .6 | 429.50 | .6 |
| | | | | |
| TOTAL Consultants | 86,824.56 | 130.2 | 86,824.56 | 130.2 |
| | | | | |
| Non Operating Expenses | | | | |
| Misc Expense | 31.51 | .0 | 31.51 | .0 |
| | | | | |
| TOTAL Non Operating Expenses | 31.51 | .0 | 31.51 | .0 |
| | | | | |
| TOTAL Expenses | 86,856.07 | 130.2 | 86,856.07 | 130.2 |
| | | | | |
| Net Income from Operations | (20,167.03) | (30.2) | (20,167.03) | (30.2) |
| | | | | |
| Earnings before Income Tax | (20,167.03) | (30.2) | (20,167.03) | (30.2) |
| | | | | |
| Net Income (Loss) | \$(20,167.03) | (30.2)% | (20,167.03) | (30.2) |
| | | | | |

**GROUNDWATER SUSTAINABILITY AGENCY FOR THE WESTERN MANAGEMENT AREA (WMA)
IN THE SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN**

JULY 2020 WARRANT LIST FOR COMMITTEE APPROVAL

| <u>NUMBER</u> | <u>DATE</u> | <u>PAYEE</u> | <u>DESCRIPTION</u> | <u>AMOUNT</u> |
|---------------|-------------|--------------|--|-------------------------|
| | | | Approved at August 2020 meeting because warrants were charged to FY 2019-20 | \$ - |
| | | | | MONTH TOTAL \$ - |

AUGUST 2020 WARRANT LIST FOR COMMITTEE APPROVAL

| <u>NUMBER</u> | <u>DATE</u> | <u>PAYEE</u> | <u>DESCRIPTION</u> | <u>AMOUNT</u> |
|---------------|-------------|-------------------|--|---------------------------------|
| | | VOID | VOID | |
| 1019 | 09/18/20 | Stetson Engineers | June 2020 Engineering Service (Task Order #1) | \$ 86,824.56 |
| | | | | MONTH TOTAL \$ 86,824.56 |

SEPTEMBER 2020 WARRANT LIST FOR COMMITTEE APPROVAL

| <u>NUMBER</u> | <u>DATE</u> | <u>PAYEE</u> | <u>DESCRIPTION</u> | <u>AMOUNT</u> |
|---------------|-------------|--------------|--------------------|-------------------------|
| | | | NONE | \$ - |
| | | | | MONTH TOTAL \$ - |

TOTAL THIS QUARTER: \$ 86,824.56

Santa Ynez River Valley Groundwater Basin (SYRVGB)



Sustainable groundwater management is defined as the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results.

This avoidance of undesirable results is measured through six sustainability indicators:

1. Chronic lowering of groundwater levels indicating a significant and unreasonable depletion of supply if continued over the planning and implementation horizon,
2. Significant and unreasonable reduction of groundwater storage,
3. Significant and unreasonable seawater intrusion,
4. Significant and unreasonable degradation of water quality,
5. Significant and unreasonable land subsidence, and
6. Depletion of interconnected surface water and groundwater that has significant and unreasonable adverse impacts on beneficial uses of the surface water.

Each GSA Committee will be holding a series of public meetings to gain stakeholder feedback on the six sustainability indicators that will be used to describe the path to groundwater sustainability. Meeting announcements and draft documents will be available for public review and comment on the website (www.SantaYnezWater.org). Participation by members of the community in developing the GSPs is important and each of the GSA Committees has adopted an outreach and engagement plan to guide the public participation process.

A draft Hydrogeological Conceptual Model (HCM) has been created for each of the three management areas. The HCM provides understanding of general physical characteristics of hydrology, land use, geology and geologic structure, groundwater quality and groundwater basin geometry. The California Department of Water Resources describes the following common uses for each HCM:

- ◆ Develop an understanding and description of the basin to be managed, specifically the structural and physical characteristics that control the flow, storage, and quality of surface and groundwater
- ◆ Identify general water budget components
- ◆ Identify areas that are not well understood (data gaps)
- ◆ Inform monitoring requirements
- ◆ Facilitate or serve as the basis for the development, construction, and application of a mathematical (analytical or numerical) model
- ◆ Refine the understanding of basin characteristics over time, as new information is acquired from field investigation activities, monitoring networks, and modeling results
- ◆ Provide often highly-technical information in a format more easily understood to aid in stakeholder outreach and communication of the basin characteristics to local water users
- ◆ Help identify potential projects and management actions to achieve the sustainability goal within the basin

The HCMs for the EMA, CMA, and WMA are **now available for public review and comment** at www.SantaYnezWater.org

For more information, please visit
www.SantaYnezWater.org
or call (805) 693-1156 ext. 403

Join us for our next GSA Committee Meeting:

NOV
16
2020

CMA GSA Committee
Meeting

NOV
18
2020

WMA GSA Committee
Meeting

NOV
19
2020

EMA GSA Committee
Meeting