Board of Directors Jim Mac Kenzie, Vice President Myron Heavin, Director Steve Dietrich, Director Matthew Starbuck, Director Jim Keeling, Director



Brad Hagemann, General Manager

# Mission Hills Community Services District Board of Directors ADJOURNED REGULAR MEETING

Wednesday, December 14, 2022, 4:30 PM 1550 East Burton Mesa Blvd, Lompoc, CA - District Board Room

# Agenda

# To access the meeting via Zoom:

URL to sign in for video access https://zoom.us/j/9467006985?pwd=TnBqZGJXbWhCNUdJNXhMZGU3alhDZz09 Meeting ID: 946 700 6985 Dial in 1 669 900 9128

- 1. Call to Order and Pledge of Allegiance
- 2. Roll Call
- **3.** Public Comment- Members of the public may address the Board on any item within the Jurisdiction of the Board not included on this agenda for up to 3 minutes (Government Code Section 54954.3). If you are unable to attend you can submit comments in advance of the meeting to <a href="mailto:admin@mhcsd.org">admin@mhcsd.org</a> before 11:00 AM, Tuesday, December 13, 2022.
- **4. Consent Agenda-** Staff recommends Directors approve the Consent Agenda on one Motion. Members of the public may comment on a consent item (3-minute maximum per speaker). Directors may pull a consent item for discussion or separate Vote.

# A. Consideration of Approval of Minutes

i) November 16, 2022

# B. Activity Reports for November

- i) Administration includes Administrative Assistant, Account Receivables, Administrative Services Manager and General Manager
- ii) Water
- iii) Wastewater
- iv) Goals and Committee Updates

# C. Financial Reports

- i) Revenue and Expenses Previous Year Comparison
- ii) Disbursement Journal
- iii) Variation from Projected Income
- iv) Bank Account Summary
- v) Budget to Actual

# 5. <u>Regular Business</u>

- A. Discuss and Consider Officer Elections and the Committee Assignments
- **B.** Discuss and Consider Awarding a Professional Services Contract to Advantage Technical Systems for Construction Phase Services for the Water Rehab Project
- **C.** Discuss and Consider the Proposal from Watthub for Installing Solar Power Infrastructure.
- 6. <u>Communications</u>- Board of Directors may ask a question for clarification, make an announcement, or report briefly on recent activities or conferences. Also, Directors may provide a reference to staff or other resources for information, direct staff to place a topic or report on future committee or Regular Meeting agenda.

# 7. Public Comment on Closed session

# 8. Closed session

**A.** Conference with Legal Counsel- Existing Litigation pursuant to Government Code Section 54956.9(d)(1), Plaintiff is the City of Lompoc, Defendant is Mission Hills CSD

Reconvene-Report out of Closed Session

# ADJOURN

<u>Regular Board Meetings are held on the third Wednesday of each month beginning at 4:30 PM</u> Copies of the staff reports, or written materials provided for Mission Hills CSD for Open Session agenda items are posted on the District's website (<u>www.mhcsd.org</u>), may be obtained upon request and are also available at the Customer Service Counter of the District Office for public inspection and reproduction during regular business hours. Closed Session items are not available for public review.

# In compliance with the Americans with Disabilities Act

If you need special assistance to participate in this meeting or if you need the agenda or other documents in the agenda packet provided in an alternative format, please contact the Board Secretary at 805.733.4366 at least 48 hours before the meeting to ensure that reasonable arrangements can be made. (Agenda Prepared under Government Code Section 54954.2)

#### **Board of Directors**

James Mac Kenzie, Vice President Steve Dietrich, Director Myron Heavin, Director Matthew Starbuck, Director James Keeling, Director



1550 East Burton Mesa Blvd, Lompoc California, 93436-2100 805.733.4366 www.mhcsd.org

Brad Hagemann, General Manager

# Mission Hills Community Services District Board of Directors Regular Meetings Minutes Wednesday November 16, 2022 REGULAR MEETING

1550 East Burton Mesa Blvd, Lompoc, CA - District Board Room

The Regular Meeting of the Board of Directors of the Mission Hills Community Services District was called to order at 4:32 pm on Wednesday, November 16, 2022, at the District Meeting Room, 1550 East Burton Mesa Boulevard, Lompoc, California.

DIRECTORS PRESENT:	By roll call: Karina Naughton James MacKenzie, Bruce Nix and Steve Dietrich attended in person.
DIRECTORS ABSENT:	Myron Heavin
STAFF PRESENT:	Brad Hagemann, Lupe Huitron, Carol Reynolds, Javier Rodriguez
OTHERS PRESENT:	Timothy Naughton and Mathew Starbuck

- 1. Call to Order and Pledge of Allegiance
- 2. Roll Call
- 3. Public Comment on Closed Session

No public comment received.

- 4. Closed Session
  - **A.** Conference with Legal Counsel Existing Litigation pursuant to Government Code Section 54956.9(d)(1), Plaintiff is the City of Lompoc, Defendant is Mission Hills CSD

# RECONVENE – 6:13 pm

**Reports out of Closed Session –** No reportable action.

# 5. Public Comment - None

# 6. Consent Agenda

- A. Approval of Minutes
  - i) October 19, 2022

# B. Activity Reports for September

- i) Administration includes Administration Assistant, Account Receivables, Administrative Services Manager and General Manager Reports.
- ii) Water
- iii) Wastewater Graphs
- iv) Goals and Committee Updates

# C. Financial Reports

- i) Profit and Loss
- ii) Disbursements Journal
- iii) Variation from Projected Income
- iv) Bank Account Summary
- v) Budget to Actual

# Approved Consent Items

Motion made by Director Mac Kenzie and seconded by Director Naughton, to approve the Consent Agenda as presented. **Motion passed 4-0 vote with Director Heavin being absent.** 

# 7. Discussion Items

- A. Discuss and consider Awarding a Contract in the amount of \$598,110 to Crosco Construction Inc., for the Water Tank Rehabilitation Project Motion made by Vice President Mac Kenzie and Second by Director Dietrich to award the contract in the amount of \$598,110 to Crosco Construction Inc., for the Water Tank Rehabilitation Project. Motion passed 4-0 with Director Heavin being absent.
- B. Discussion and consideration of Approval of an updated Employment Agreement Motion made by Vice President Mac Kenzie and Seconded by President Nix to approve the updated Employment Agreement for the District General Manager Brad Hagemann Motion Passed 4-0 with Director Heavin being absent
- C. Discussion and Consideration of Adoption of Resolution Nos. 22-347 and 22-348 in Recognition of Board Members Karina Naughton and Bruce Nix for their outstanding service to the Mission Hills Community Services District Motion made by Director Dietrich and second by Vice President Mac Kenzie to adopt Resolutions commending Bruce and Karina for their outstanding Service to the Mission Hills Community Services District Motion Passed 4-0 with Director Heavin being absent

- 8. Communications Board of Directors may ask a question for clarification, make an announcement, or report briefly on recent activities or conferences. Also, Directors may provide a reference to staff or other resources for information, direct staff to place a topic or report on a future committee or regular meeting agenda.
  - A. General Manager's Comments- None
  - B. Directors' Comments- None
  - **C. Public Comments** (up to 3 minutes for topics within the District's jurisdiction)-Timothy Naughton gave thanks to Board Members for their Service at Mission Hills CSD.

# At 7:15pm the Board Adjourned the meeting to December 14<sup>th</sup>, 2022, at 4:30pm

With no further business to come before the Board, the meeting adjourned to December 14<sup>th</sup>, 2022, at 4:30pm.

Respectfully submitted:

Lupe Huitron

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)	

James Mac Kenzie, Vice President

X

Lupe Huitron, Board Secretary



Administrative Activity Reports for **November 2022** 

# **Administrative Assistant**

- Contacted Steve with Surplus regarding the process after sold Auctions
- Gathered and filled out documentation on Equipment being Auctioned
- Responded to emails sent by public regarding the Surplus Equipment
- Prepared, formatted, and combined all documents for Board Packet
- Contacted Streamline and gathered some information for the District Website
- Scheduled Meetings
- Contacted Santa Barbara County regarding 700 forms needed for filing by the two new Board Members and Staff
- Attended Board Secretary Conference for 3 days
- Worked on Can and Will Serve letter with General Manger
- Worked with District Representative from Santa Barbara County regarding the two new Board Members Appointed to our District
- Responded to emails
- Contacted Inklings to have them make two Resolution documents on Parch tone paper to present to Directors Karina Naughton and Bruce Nix
- Draft resolutions commending Brux Nix and Karina Naughton for their work spent with MHCSD
- Sent out Information on the Board Room Use and scheduled a time for them to use it
- Updated website
- Added a new user to Target Solutions (Training webinar website) and assigned courses.

# **Customer Service/Account Receivables**

- Monthly: New Customer Move Ins & Move outs: 5
- Applied 10% late fee non pay Nov: # 112 accounts
- Accounts **11** have entered Yr. or less payoff extension agreement \$ 12,440
- (1 Owner account bal. \$3,000 off since May) 1 Possible Foreclosure \$583.00. Policy is to collect in full before service is Restored.
- Residential accounts: **1 account payment** \$ 772.00 **CSD.CA.Gov** federal funded program lowincome families qualify based on persons in the household up to \$ 2,000 payment.



Administrative Activity Reports for **November 2022** 

# **Administrative Services Manager**

- Assisted Customers, Recorded Payments
- Prepared Bank Deposits
- Participated in Financial Evaluation with CSDA Representative
- Worked with Coast Hills
- Worked with Five Star Bank
- Worked with Compuvision on Approved Projects
- Processed Accounts Payable
- Processed Payroll
- Completed Board Packet Reports
- Completed End of Month Reconciliations
- Reviewed Priorities on Operations with General Manager on Weekly Basis
- Attended Board Meeting
- Onboarded New Employee
- Participated in Streamline (Website) Presentation
- Reviewed and Updated Fixed Asset List to Remove Surplus Items
- Assisted Customers with Surplus Item Pick Up
- Completed Open Enrollment with ACWA/JPIA
- Updated DMV EPN Program
- Contributed Content to Resolution of Appreciation for Bruce Nix, Karina Naughton



# Administrative Activity Reports for November 2022

# **General Manager Report**

# Lift Station PDR Status

On November 29<sup>th</sup>, staff met with representatives from Smith and Loveless and their local sales representative from Charles P. Crowley Company. The District's existing Mesa Oaks lift station is a Smith and Loveless pump station that was built in the mid-1980s. We discussed the lift station flow and pressure head requirements and then went to the lift station to inspect the existing set-up. The S & L representative was encouraged that the District may be able to install an above ground pumping system on top of the existing wet well. If it is feasible to use the existing wet well, the District could save a considerable amount of money for the Lift Station Replacement Project. Staff anticipates receiving a budget estimate for the above ground pumping system from S & L within the next few weeks. We will provide an update at the January 18<sup>th</sup> Board meeting and schedule a Wastewater Committee meeting following the new Committee assignments.

# **President's Special Recognition Award**

I am happy to advise the Board that the District received a Special Recognition Award from our pooled insurance group ACWA JPIA. The District received the award for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums" in the Workman's Compensation Program for the three-year period of July 1, 2018, through June 30, 2021. The award certificate is provided as an attachment to this report.

# **Regional Water Quality Control Board Wastewater Funding Fair**

The Central Coast Regional Water Quality Control Board will be hosting a virtual wastewater funding fair on Tuesday, December 13<sup>th</sup>, 2022, from 1:00 PM to 2:30 PM. This will be an opportunity to see if any of the programs are suited to assist with funding the Lift Station Repair/Replacement Project. I am planning on attending and I will ask Carol to attend, as well. The Flyer for the Funding Fair is provided as an attachment to this report.

Brad Hagemann General Manager



11/28/2022

# ACWA JPIA

P. O. Box 619082 Roseville, CA 95661-9082

> phone 916.786.5742 800.231.5742

www.acwajpia.com

**President** E.G. "Jerry" Gladbach

Vice President Melody A. McDonald

Chief Executive Officer Walter "Andy" Sells

Executive Committee Fred Bockmiller David Drake E.G. "Jerry" Gladbach Cathy Green Brent Hastey Chris Kapheim Melody A. McDonald Randall Reed J. Bruce Rupp

> Core Values • People • Service • Integrity • Innovation

Mission Hills Community Services District (M015) 1550 E. Burton Mesa Blvd. Lompoc, CA 93436-2100

General Manager:

Each year at Fall Conference, the JPIA recognizes members that have a Loss Ratio of 20% or less in either of the Liability, Property or Workers' Compensation programs (loss ratio = total losses / total premiums).

The members with this distinction receive the "**President's Special Recognition Award**" certificate for each Program that they qualify in.

The JPIA is extremely pleased to present Mission Hills Community Services District (M015) with this special recognition and commends the District on the hard work in reducing claims.

Congratulations to you, your staff, Board, and District. Keep up th€ good work!

The JPIA wishes you the best in 2023.

Sincerely,

Miles McDonald

Melody McDonald President

Enclosure: President's Special Recognition Award(s)

# President's Special Recognition Award

The President of the ACWA JPIA

hereby gives Special Recognition to

# Mission Hills Community Services District

for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums" in the Workers' Compensation Program for the period 07/01/2018 - 06/30/2021 announced at the Board of Directors' Meeting in Indian Wells.



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m Lef m Manell Melody McDonald, President

# central coast WASSEEVER BUDDING FARS

# **JOINUS** DECEMBER 13<sup>TH</sup> 1:00-2:30

The Central Coast Water Board will be hosting a virtual wastewater funding fair in coordination with the Division of Financial Assistance (DFA). The event will take place on December 13th, 1:00 PM-2:30 PM.

DFA provides grants and/or low interest loans for water quality projects through the state's Clean Water State Revolving Fund (CWSRF). Additional background information is available here: https://www.waterboards.ca.gov/water\_issues/ programs/grants\_loans/srf/

The event will cover information on various funding opportunities. Funding opportunities are available for planning, design and construction for a variety of projects, including, but not limied to: treatment facility upgrades/repairs, collection system upgrades/repairs, consolidation, and connecting parcels on septic systems to existing collection systems.

# TARGETED AUDIENCE

Wastewater owners and operators that are interested in grant and low interest loan opportunities.

# FUNDING FAIR SCHEDULE

- 1:00-1:10 Overview on Division of Financial Assistance
- 1:10-1:30 Technical Assistance (TA) Funding Program
- 1:30-2:00 Plant / Collection system upgrades and Consolidation (Clean Water State Revolving Fund) and Water Recycling
- 2:00-2:30 Q & A session

Following this funding fair, Regional Board staff and Division of Financial Assistance will schedule individualized meetings for interested parties in January 2023, on next steps or provide assistance in the application process. Please email kathy.truong@waterboards.ca.gov if you are interested.



We've got the **green** to keep California's **water clean** clean water state revolving fiving

# HOW TO PARTICIPATE ONLINE OR BY PHONE

To participate in the Central Coast Virtual Wastewater Funding Fair:

- To join the fair via Zoom, log on at https://waterboards. zoom.us/j/93743918854
- To join the meeting **by phone** call: 1.669.444.9171; enter Meeting ID when prompted. Meeting ID: 93743918854
- To join the meeting **by phone** (San Jose): 1.669.900.9128; enter Meeting ID when prompted. Meeting ID: 93743918854

WEBSITE QR FOR WASTEWATER PERMITTING





# Consent Item 4 B. ii

# **Board of Directors:**

President; Bruce Nix Vice President; Jim MacKenzie Director; Karina Naughton Director; Steve Dietrich Director; Myron Heavin



1550 East Burton Mesa Blvd, Lompoc California, 93436-2100 805.733.4366 www.mhcsd.org

General Manager, Brad Hagemann

# MISSION HILLS COMMUNITY SERVICES DISTRICT Water Reports – November 2022

Monthly Water Distributed: 11.5 MG (30 days)

Daily average: 0.38 MGD

Monthly Water Sold: 11.6 MG (31 days)

# Monthly Wastewater Influent: 5.78 MG

# Wells

- Pro3 Automation replaced the UPS at Well 7.
- Cla-Val for well 6 waste line was rebuilt and repair kit was also installed.
- Production mag-meter at well 7 was recalibrated.

# **Treatment Plant**

- Installed new hatches and gaskets on the iron and manganese filter tank.
- Installed new air-relief valves and ball valves on top of the iron and manganese filter tank.

# **Preventative Maintenance**

- Updated valve and hydrant monthly maintenance schedule for 2023
- Developed a new quarterly maintenance program for the I/M filter tank at the treatment plant, which will include:
  - Monitoring the level and condition of the media in the filter.
  - Flushing and exercising air-relief valves on the filter.

# **Distribution System Maintenance/Repair**

- Replaced <u>28</u> Hersey meters to Kamstrup meters
- Repaired <u>2</u> service line leaks or main breaks
- Preventative Maintenance Program: November
  - Mainline Valve exercised: 10
  - Hydrant Maintenance and flush: 23

# **Recurring Tasks**

- Daily:
  - o Electronically monitor levels via SCADA System
- Weekly:
  - o Electronically check CL2 levels
  - Reorganize shop and tool inventory
- Quarterly:
  - $\circ$  Clean and inspect the solar panel for backup battery (Jan, Apr, Jul, Oct)
- As Needed:
  - Weed abatement

# **Treatment Plant**

- Daily:
  - Electronically record bulk storage tank levels
  - Determine daily filtration chemical rate.
  - $\circ$   $\;$  Record water produced from Wells 5,6, and 7  $\;$
- Weekly:
  - o Clean chlorine injection lines
  - $\circ$   $\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfill\hfilt$
- Monthly: Complete State Water Resource Control Board (SWRCB) reports
- Quarterly: Remove weeds around shop and filtration plant (Feb, May, Aug, Nov)

# **Distribution System**

- Weekly:
  - Collect and report weekly chlorine, phosphate, and PH results.
  - Sample "Bac-T" (coliform detection) every Wednesday
- Monthly:
  - $\circ$   $\;$  Take distribution samples for State Water Board reports as needed.
  - $\circ$   $\;$  End of month Residential and Commercial Meter Reads
  - o Install new Kamstrup meters under Capital Improvement Project
  - $\circ \quad \text{Test and Inspect field equipment.}$
  - Mainline valve exercising
  - Hydrant flushing
- Semi-Annually
  - Complete dead-end flushing (Jun & Dec)

# Safety

- Attend Weekly Safety Meetings
- ☑ Inspect Fire Extinguishers at water treatment plant, shop, and vehicles.
- Perform Daily Visual Inspection at Water Treatment Plant and Park



# MISSION HILLS COMMUNITY SERVICES DISTRICT Wastewater Report – November 2022

# Total Plant Monthly Influent flow: 5.78 MG

Average Daily Flow: 0.192 MGD

# **Compliance**

• Submitted CIWQS monthly No-Spill Report for the month of November.

# **Collection System/Lift Station**

- Received quote for a wet well air diffuser.
- Considering options for upcoming air scrubber lease renewal.

# Wastewater Treatment Plant

- Site visit from Triple Point to inspect Mars Aerators in Pond 1.
- Removed remaining duck weed in Pond 2.
- Developed assessment of valve transfer structures.
  - Exercised valves with stems still intact, documented broken or missing valve stems.
- Total Plant Effluent Recycle flow: 1.80 MG.

# <u>Safety</u>

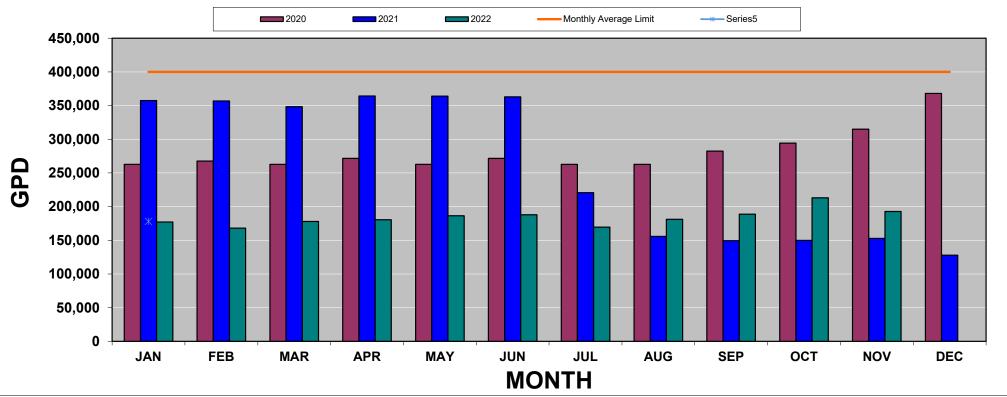
- ☑ Inspect Fire Extinguishers at water treatment plant, shop, and vehicles.
- ☑ Perform Once Daily Visual Inspection at Wastewater Treatment Plant.

# MISSION HILLS CSD MONTHLY AVERAGE EFFLUENT FLOW (GPD)

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
Monthly Average Limit	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
2020	262,783	267,663	262,783	271,543	262,783	271,543	262,783	262,783	282,404	294,317	314,989	367,896
2021	357,387	356,786	348,300	364,137	364,059	362,893	220,668	155,799	149,498	149,936	152,728	127,829
2022	177,041	168,115	177,989	180,559	186,491	187,850	169,490	181,125	188,697	212,966	192,728	

Flows from 2020 are estimated based on total monthly discharge reported in the 2020 Annual Volumetric Report.

# MISSION HILLS CSD MONTHLY AVERAGE EFFLUENT FLOW

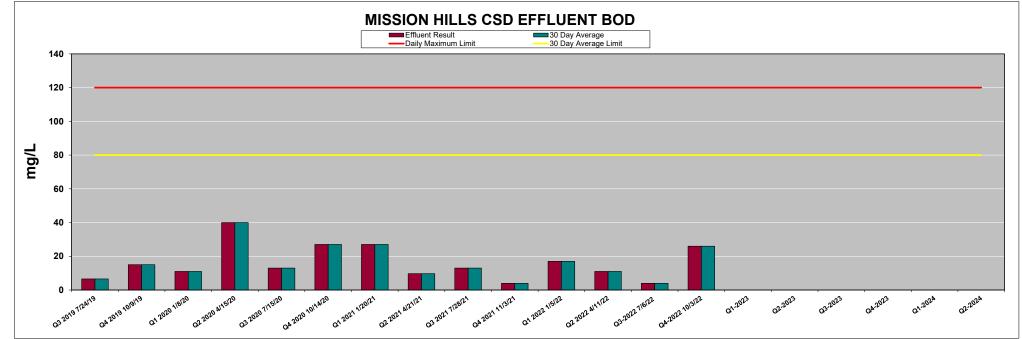


# Consent Item 4 B. iii

# MISSION HILLS CSD EFFLUENT BOD (mg/L)

MONTH	7/24/2019	10/9/2019	1/8/2020	4/15/2020	7/15/2020	10/14/2020	1/20/2021	4/21/2021	7/28/2021	11/3/2021	1/5/2022	4/11/2022	7/6/2022	10/3/2022	Q1-2023	Q2-2023	Q3-2023	Q4-2023	Q1-2024	Q2-2024
Daily Maximum Limit	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
30 Day Average Limit	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Effluent Result	7	15	11	>40	13	27	27	10	13	<4.0	17	11	<4.0	26						
30 Day Average	7	15	11	>40	13	27	27	10	13	<4.0	17	11	<4.0	26						

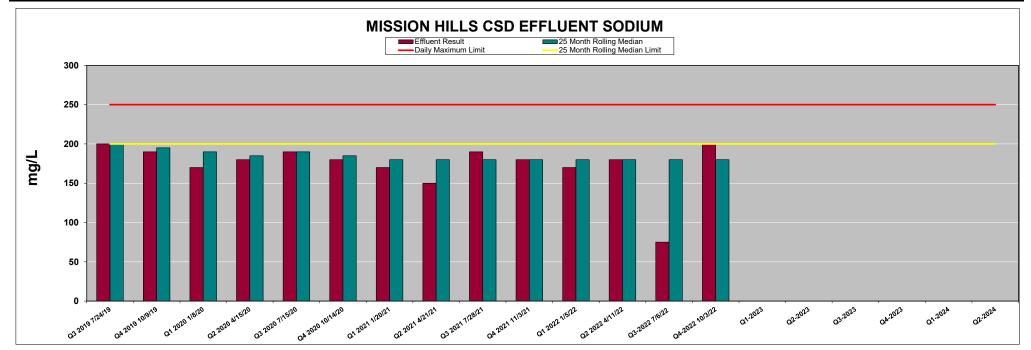
Non-detect, estimated, and greater than (>) results are graphed at their reporting levels or as reported by lab.



Consent Item 4 B. iii

# MISSION HILLS CSD EFFLUENT SODIUM (mg/L)

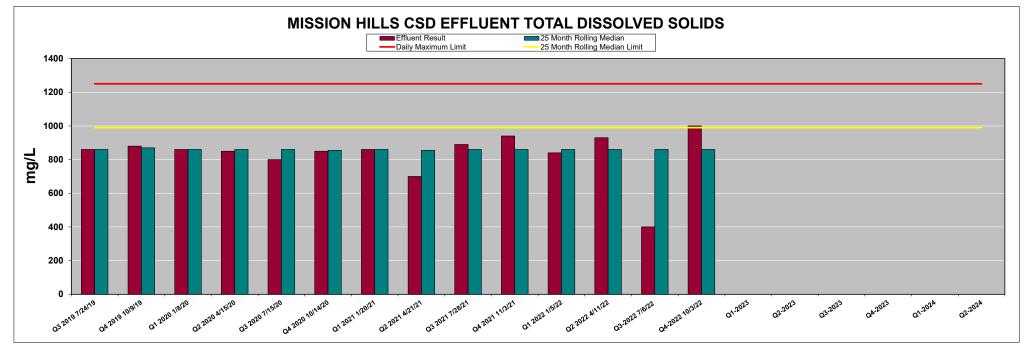
MONTH	7/24/2019	10/9/2019	1/8/2020	4/15/2020	7/15/2020	10/14/2020	1/20/2021	4/21/2021	7/28/2021	11/3/2021	1/5/2022	4/11/2022	7/6/2022	10/3/2022	Q1-2023	Q2-2023	Q3-2023	Q4-2023	Q1-2024	Q2-2024
Daily Maximum Limit	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
25 Month Rolling Median Limit	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Effluent Result	200	190	170	180	190	180	170	150	190	180	170	180	75	200						
25 Month Rolling Median	200	195	190	185	190	185	180	180	180	180	180	180	180	180						



Consent Item 4 B. iii

# MISSION HILLS CSD EFFLUENT TOTAL DISSOLVED SOLIDS (mg/L)

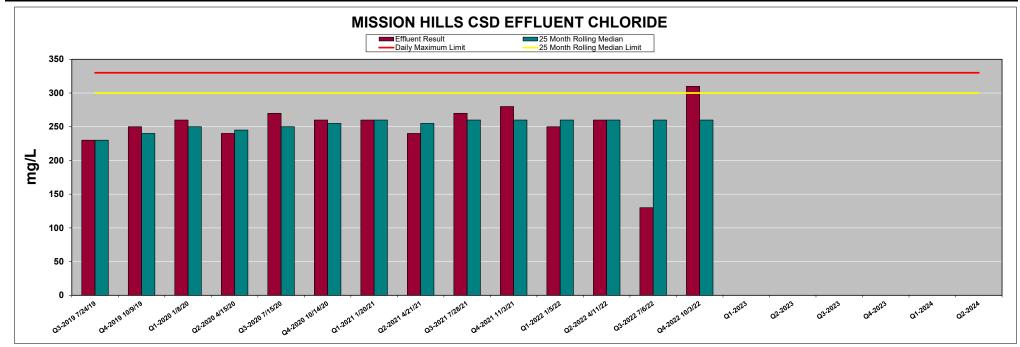
MONTH	7/24/2019	10/9/2019	1/8/2020	4/15/2020	7/15/2020	10/14/2020	1/20/2021	4/21/2021	7/28/2021	11/3/2021	1/5/2022	4/11/2022	7/6/2022	10/3/2022	Q1-2023	Q2-2023	Q3-2023	Q4-2023	Q1-2024	Q2-2024
Daily Maximum Limit	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
25 Month Rolling Median Limit	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990
Effluent Result	860	880	860	850	800	850	860	700	890	940	840	930	400	1,000						
25 Month Rolling Median	860	870	860	860	860	855	860	855	860	860	860	860	860	860						



# MISSION HILLS CSD EFFLUENT CHLORIDE (mg/L)

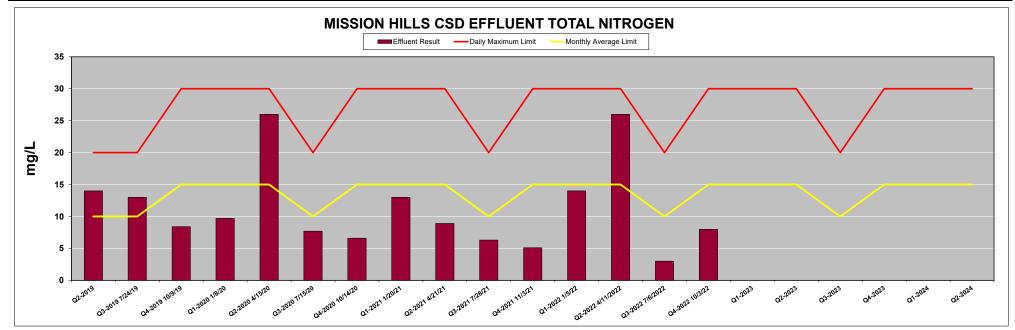
Consent Item 4 B. iii

MONTH	7/24/2019	10/9/2019	1/8/2020	4/15/2020	7/15/2020	10/14/2020	1/20/2021	4/21/2021	7/28/2021	11/3/2021	1/5/2022	4/11/2022	7/6/2022	10/3/2022	Q1-2023	Q2-2023	Q3-2023	Q4-2023	Q1-2024	Q2-2024
Daily Maximum Limit	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330
25 Month Rolling Median Limit	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Effluent Result	230	250	260	240	270	260	260	240	270	280	250	260	130	310						
25 Month Rolling Median	230	240	250	245	250	255	260	255	260	260	260	260	260	260						



# MISSION HILLS CSD EFFLUENT TOTAL NITROGEN (mg/L)

MONTH	7/24/2019	8/20/2019	10/9/2019	1/8/2020	4/15/2020	7/15/2020	10/14/2020	1/20/2021	4/21/2021	7/28/2021	11/3/2021	1/5/2022	4/11/2022	7/6/2022	10/3/2022	Q1-2023	Q2-2023	Q3-2023	Q4-2023	Q1-2024	Q2-2024
Daily Maximum Limit	20	20	30	30	30	20	30	30	30	20	30	30	30	20	30	30	30	20	30	30	30
Monthly Average Limit	10	10	15	15	15	10	15	15	15	10	15	15	15	10	15	15	15	10	15	15	15
Effluent Result	14	13	8	10	26	8	7	13	9	6	5	14	26	3	8						



# Top Goals

# **Established by Board of Directors**

- 1. Wastewater TN (Total Nitrogen), Na (Sodium) & Chloride concentration reduction plan and compliance with RWQCB Time Schedule Order.
- Staff continues to carefully monitor the treatment system to keep the effluent total Nitrogen levels in compliance with the TSO and WDR standards. The most recent compliance monitoring results and process control monitoring results have remained below the permit limits. Staff met with our new permit writer at the RWQCB in November. We completed the recommended actions, and we have another follow-up meeting scheduled for December 16<sup>th</sup>. Staff has completed the TSO milestones to: Develop and Implement valve repair program due date 10/31/2022 (completed); and Develop a Chloride Reduction program due date 11/30/2022 (completed). At our December 16<sup>th</sup> meeting we will discuss the content and format for our December 31, 2022, semi-annual report submittal and any other information the permit writer requests.

# 2. Lawsuit with the City of Lompoc

Staff met with City of Lompoc staff on December 6<sup>th</sup> to discuss the WW agreement. We are continuing to work with the Developer representatives on the "deal points" for the water service. The Board will receive an update during the closed session.

# 3. Cost Reduction – Energy usage (solar) and other applicable initiatives

Please refer to the Energy Committee Update

# 4. Public Outreach – Implement regular information to the community.

Staff continues to look for ways to improve our public outreach. We consistently post updated information on the website to include agendas, board packets, Consumer Confidence Report, and the newsletter from the Santa Ynez River Water Conservation District. Operations and Admin staff frequently interact with our customers thus resulting in opportunities for public outreach and providing information to the community. [No Changes]

# 5. Pursue Grant Funding Opportunities for Capital Projects

Staff is scheduled to attend a Wastewater Funding Fair on December 13<sup>th</sup>. The Funding Fair is sponsored by the Central Coast Regional Water Quality Control Board. Staff will provide an oral update at the December 14<sup>th</sup> Board meeting.

Committee	Completed Meeting Date	Summary of Discussion	Future Meeting Date	Topics for Discussion
Wastewater Heavin & Mac Kenzie Alternative- Naughton		Director MacKenzie and GM Hagemann have been reviewing the draft Burton Ranch wastewater Agreement. On December 6th, Hagemann met with the City of Lompoc staff to discuss the draft Agreement. Hagemann committed to providing comments on the draft Agreement to the City staff by December 16th	TBD	TBD
Finance Naughton & Nix Alternative- Dietrich	10/14/2022	The Committee met on October 14th, the agenda items included District Investment Policy and District Reserve Policies. The Committee members will provided a report out at the Board meeting.	TBD	TBD
Water Dietrich & MacKenzie Alternative- Nix	<u>10/3/2022</u>	The Committee continued discussion of the Development Agreement for the Burton Ranch project and infrastrure costs as described in the NBS Capacity Fee Study approved by the Board in 2019. The Committee will provide an oral report update to the full Board at the meeting	TBD	TBD
<u>Energy</u> Heavin & Nix Alternative- Naughton	10/14/2022	The Energy Committee provided a quick update of the Watthub proposal to the full Board at the November 16th Board meeting. The Board directed staff to bring the item back for further consideraton at the December Board meeting. Staff has invited the Watthub representative to virtually attend the meeting to summarize the proposal and respond to comments.	TBD	TBD
Personnel Naughton & Nix Alternative-Heavin	10/7/2022	The Committee discussed the status of filling the upcoming Board member vacancies; staff recruitment for filling the recently vacated operations position; and restructuring the Operations Dept. to bring back the Operations Supervisor position.	TBD	TBD
<u>Western Managment Area</u> <u>Committee for</u> <u>Groundwater Sustainability</u> Heavin Alternative- Nix	<u>11/16/2022</u>	The WMA GSA had a Special Meeting on November 16th, 2022, the meeting agenda packet is provided as an attachment to this report. The December 16th WMA meeting has been cancelled. The next Meeting of the WMA GSA is scheduled for January 25, 2023.	1/25/2023	TBD

# NOTICE AND AGENDA OF REGULAR MEETING

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

# SPECIAL MEETING WILL BE HELD **REMOTE PARTICIPATION ONLY** AT 10:00 A.M., WEDNESDAY, NOVEMBER 16, 2022

# **Remote participation available via ZOOM**

Pursuant to AB361, Directors may participate in this meeting via teleconference. The public can only participate via teleconference. There will be no public meeting location.

> To access the meeting via telephone, please dial: 1-669-900-9128 And/or via the Web at: <u>http://join.zoom.us</u>

"Join a Meeting" - Meeting ID: 850 0967 9615 - Meeting Passcode: 657124

- You do <u>NOT</u> need to create a ZOOM account or login with email for meeting participation.
- If your device does <u>not</u> have a microphone or speakers, you can call in for audio with the phone number and Meeting ID listed above to listen and participate.
- In the interest of clear reception and efficient administration of the meeting, all persons participating remotely are respectfully requested to mute their line after logging or dialing-in and remain muted at all times unless speaking.

**Video/Teleconference Meeting During Coronavirus (COVID-19) State of Emergency:** As a result of the COVID-19 pandemic, this meeting will be available via video/teleconference as recommended by Santa Barbara County Public Health and authorized by Government Code section 54953(e) (State Assembly Bill 361).

**Important Notice Regarding Public Participation in Video/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 remote access referenced above. Those wishing to submit written comments instead, please submit any and all comments and materials to the GSA via electronic mail at <u>bbuelow@syrwcd.com</u>. All submittals of written comments must be received by the GSA no later than Tuesday, November 15, 2022, and should indicate "November 16, 2022 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.

# AGENDA OF REGULAR MEETING

- I. Call to Order and Roll Call
- II. Consider findings under Government Code section 54953(e)(3) to authorize continuing teleconference meetings under Resolution WMA-2021-001
- III. Additions or Deletions to the Agenda

23

- IV. Public Comment (Any member of the public may address the Committee relating to any nonagenda 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.) Staff recommends any potential new agenda items based on issues raised be held for discussion under Agenda Item "WMA GSA Committee requests and comments" for items to be included on the next Agenda.
- V. Review and consider approval of meeting minutes of August 31, 2022
- VI. Review and consider approval of Financial Statements and Warrant List
- VII. Update on WMA GSA written verification of new well permits under Executive Order N-7-22
- VIII. Receive update on SGMA Implementation Grant Funding Opportunity for the Basin
- IX. Update from WMA CAG
- X. Consider Resolution WMA-2022-003 for SYRWCD to make an application for grant funding for SGMA Implementation in the SY Basin.
- XI. Update on Governance for WMA
  - a) Received correspondence from Santa Ynez Water Group
- XII. Next Regular WMA GSA Meeting, Wednesday, December 14, 2022, at 10:00 A.M.
- XIII. WMA GSA Committee requests and comments
- XIV. Adjournment

[This agenda was posted 72 hours prior to the scheduled special meeting at 3669 Sagunto Street, Suite 101, Santa Ynez, California, and <u>https://www.santaynezwater.org</u> 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 24 hours prior to the meeting will enable the GSA to make reasonable arrangements to ensure accessibility to this meeting.]

# **MEETING MINUTES**

# Groundwater Sustainability Agency for the Western Management Area in the Santa Ynez River Groundwater Basin August 31, 2022

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, August 31, 2022, at 10:00 a.m. As a result of the COVID-19 emergency, this meeting occurred solely via video/teleconference as recommended by Santa Barbara County Public Health, as authorized by State Assembly Bill 361, and Resolution WMA-2021-001 (passed on 10/20/2021, reaffirmed 8/10/2022).

WMA GSA Directors Present: Jeremy Ball, Chris Brooks, and Steve Jordan

WMA GSA Committee Directors Absent: Director and Alternate representing Mission Hills CSD

WMA GSA Alternate Directors Present: Meighan Dietenhofer, Ron Stassi, Kristin Worthley

Staff Present: Joe Barget, Bill Buelow, Marliez Diaz, Brad Hagemann, Amber Thompson, and Matt Young

Others Present: Jose Baer, Doug Circle, Ken Domako (VSFB), and John Fio (EKI)

# I. Call to Order and Roll Call

WMA GSA Chair Chris Brooks called the meeting to order at 10:00 a.m. and asked Mr. Bill Buelow to call roll. A quorum was met with three Directors in attendance. In addition, one non-voting GSA Acting Alternate Director and two GSA Alternate Directors were present. The Director and Alternate representing Mission Hills Community Services District (MHCSD) were absent.

# II. Consider findings under Government Code section 54953(e)(3) to authorize continuing teleconference meetings under Resolution WMA-2021-001

The reasonings for State Assembly Bill 361 and adoption of Resolution WMA-2021-001, passed on October 20, 2021, and reaffirmed on August 10, 2022, which authorized teleconference public meetings were still in effect. There was no discussion.

WMA GSA Director Jeremy Ball made a <u>MOTION</u> to authorize continuing teleconference meetings under Resolution WMA-2021-001. GSA Director Steve Jordan seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

1

# III. Additions or Deletions to the Agenda

No additions or deletions were made.

# IV. Public Comment

There was no public comment. Mr. Buelow announced he received one public comment letter and recommended it be discussed under Agenda Item XI.

#### V. Review and consider approval of meeting minutes of May 25, and August 10, 2022

The minutes of the WMA GSA Committee meetings on May 25, 2022 and August 10, 2022 were presented for GSA Committee approval. Discussion followed. Other Attendee "BH" in both sets of draft minutes was corrected to reflect Brad Hagemann as staff attendee.

WMA GSA Director Steve Jordan made a <u>MOTION</u> to approve the minutes of May 25, 2022 and August 10, 2022, as amended. GSA Director Jeremy Ball seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

# VI. Review and consider approval of Financial Statements and Warrant List

The WMA GSA Committee reviewed the financial reports of FY 2021-22 Periods 10 through 12 (through June 30, 2022) and the Warrant Lists for April, May, and June 2022. Discussion followed.

WMA GSA Director Jeremy Ball made a <u>MOTION</u> to approve the financial reports and the April, May, and June 2022 Warrant Lists (Mechanics Bank Check Nos. 1054-1056 and Five Star Bank Check Nos. 2000-2003) totaling \$65,380.93, as presented. GSA Director Steve Jordan seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

# VII. Biennial Review of WMA GSA Conflict of Interest Code

The WMA GSA Committee reviewed the WMA GSA Conflict of Interest Code. Discussion followed.

WMA GSA Director Steve Jordan made a <u>MOTION</u> to file the 2022 Local Agency Biennial Notice designating "no amendment is required" with the Santa Barbara County Clerk of the Board of Supervisors. GSA Director Jeremy Ball seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

# VIII. Consider Approval of Final Documents for providing WMA GSA written verifications of new well permits under Executive Order N-7-22

Mr. Buelow reported that member agency staff presented draft documents to the Committee at the last WMA GSA Committee meeting on August 10, 2022. The Committee

26

reviewed the documents and directed staff to meet with the WMA Citizens Advisory Group for review and comment.

#### a. Comments from WMA Citizen Advisory Group

Mr. Jose Baer presented the WMA Citizen Advisory Group (CAG) memorandum, dated August 29, 2022 regarding the WMA CAG review of draft documents created to comply with Executive Order N-7-22. Mr. Buelow reported that since the stakeholder attendance at the WMA CAG meeting was low, he included copies of both the CMA CAG and EMA CAG memos of comments for review regarding the similar final documents presented to those GSAs. There were no comments and no discussion.

# b. WMA Process and Criteria for Administering Written Verifications Per Executive Order Number-7-22

Mr. Buelow presented WMA process and criteria for administering written verifications per Executive Order N-7-22. Discussion followed. There was no public comment.

WMA GSA Director Jeremy Ball made a <u>MOTION</u> to approve WMA process and criteria for administering written verifications per Executive Order N-7-22. GSA Director Steve Jordan seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

#### c. Indemnification Agreement

Mr. Buelow presented Written Verification Indemnification Agreement. He reported that comments on the draft document received from stakeholders were considered and changes were made accordingly. There were no concerns by member agency staff regarding the changes. Discussion followed. No public comments received.

WMA GSA Director Jeremy Ball made a <u>MOTION</u> to approve Written Verification Indemnification Agreement. GSA Director Steve Jordan seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

### d. Reimbursement Agreement

Mr. Buelow presented Deposit/Reimbursement Agreement for Review of Request for Written Verification and explained the planned process. Discussion followed. No public comments received.

WMA GSA Director Jeremy Ball made a <u>MOTION</u> to approve Deposit/Reimbursement Agreement for Review of Request for Written Verification. GSA Director Steve Jordan seconded the motion and it passed 3-0-1 by roll call

vote, with both Director and Alternate from Mission Hills Community Services District being absent.

#### e. Well Permit Acknowledgement

Mr. Buelow presented the Santa Ynez River Valley Groundwater Basin Western Management Area Groundwater Sustainability Agency Acknowledgement Form Request for Written Verification under Executive Order N-7-22. There was no discussion and no public comments received.

WMA GSA Director Jeremy Ball made a <u>MOTION</u> to approve Santa Ynez River Valley Groundwater Basin Western Management Area Groundwater Sustainability Agency Acknowledgement Form Request for Written Verification under Executive Order N-7-22. GSA Director Steve Jordan seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

# IX. Consider Resolution WMA-2022-002 Establishing Fee and Deposit for WMA GSA Well Verification as required by Executive Order N-7-22 (Under Water Code Section 10730)

Mr. Buelow reviewed the Resolution establishing a fee and deposit of \$1,200 which was prepared by Santa Barbara County counsel in coordination with the member agencies attorney group. The August 31, 2022 meeting was properly noticed in both the August 17, 2022 and August 24, 2022 editions of the Santa Barbara News Press. Mr. Buelow read the Resolution. There was no discussion or public comment.

WMA GSA Director Steve Jordan made a <u>MOTION</u> to adopt GROUNDWATER SUSTAINABILITY AGENCY FOR THE WESTERN MANAGEMENT AREA IN THE SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN RESOLUTION WMA-2022-002 RESOLUTION ESTABLISHING FEE AND DEPOSIT FOR WMA GSA WELL VERIFICATION AS REQUIRED BY EXECUTIVE ORDER N-7-22. GSA Director Jeremy Ball seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

# X. Consider Santa Ynez River Water Conservation District, City of Lompoc, Mission Hills CSD, and Vandenberg Village CSD develop contract with GSI Water Solutions to Evaluate Verification Requests

Mr. Buelow reported a change was proposed in contracting parties since the discussion held during the last WMA GSA meeting. Member agency staff recommended executing a multi-party contract for time and materials with GSI Water Solutions Scope of Work to evaluate verification requests with all expenses paid by a deposit received from applicants. There was no discussion or public comment.

WMA GSA Director Steve Jordan made a <u>MOTION</u> requesting the Santa Ynez River Water Conservation District, City of Lompoc, Mission Hills CSD, and Vandenberg Village CSD develop a multi-party contract with GSI Water Solutions on behalf of the WMA GSA

4

28

to evaluate written verification requests. GSA Director Jeremy Ball seconded the motion and it passed 3-0-1 by roll call vote, with both Director and Alternate from Mission Hills Community Services District being absent.

### XI. Update on Governance for WMA

Mr. Buelow introduced a letter received from Santa Ynez Water Group, dated August 5, 2022, regarding governance of the Santa Ynez River Valley Groundwater Basin. Mr. Buelow advised that member agency staff plan to meet again to focus on and discuss WMA GSA governance and restart the process that begun prior to the Executive Order issuance. Mr. Doug Circle provided public comment. Discussion followed.

# XII. Consider Setting Regular Monthly WMA GSA Meetings Through End of 2022

Mr. Buelow reviewed the proposed monthly regular meeting schedule with the willingness to cancel the additional meetings if there is nothing for Committee to address. Discussion followed. Directors agreed and requested at least a week notice of cancellation. No public comments received.

# XIII. Next Regular WMA GSA Meeting, Wednesday, September 28, 2022, at 10:00 a.m.

Mr. Buelow announced the next regular WMA GSA meeting will be Wednesday, September 28, 2022 at 10:00 a.m.

### XIV. WMA GSA Committee requests and comments

Mr. Buelow announced the WMA CAG participation from Agriculture stakeholders is low. He suggested opening the CAG application process to search for new members. Santa Ynez Water Group volunteered to solicit for applicants and provide contacts to staff.

WMA GSA Director Chris Brooks requested an update on the AEM Survey Report prepared by Stetson Engineers. Mr. Buelow provided a brief summary of results and suggested Mr. Lawler, Stetson Engineers, attend a future meeting and give a more detailed update.

WMA GSA Director Chris Brooks complimented SYRWCD staff for coordinating GSA work. Mr. Buelow responded by thanking member agency staff for their involvement in weekly staff meetings as being very helpful for coordinating efforts.

# XV. Adjournment

GSA Director Chris Brooks adjourned the meeting at 11:40 a.m.

Chris Brooks, Chairman

William J. Buelow, Secretary

29

# SYRWCD WMA BALANCE SHEET SEPTEMBER 30, 2022

Assets

Current Assets	
Five Star Checking #5978	\$11,046.95
TOTAL Current Assets	11,046.95
TOTAL Assets	\$11,046.95
Liabilitio	es AND Equity
TOTAL Liabilities	.00
Net Position	
Retained Earnings Retained Earnings-Current Year	27,450.40 (16,403.45)
TOTAL Net Position	11,046.95
TOTAL Liabilities AND Equity	\$11,046.95
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# SYRWCD WMA INCOME STATEMENT FOR THE 3 PERIODS ENDED SEPTEMBER 30, 2022

	QUARTER TO E	DATE PERCENT	YEAR TO DAT ACTUAL	CE PERCENT
Revenue:				
Revenue Operating Assessments Interest Income	\$16,325.44 8.19	99.9 % .1	16,325.44 8.19	99.9 .1
TOTAL Revenue	16,333.63	100.0	16,333.63	100.0
TOTAL Revenue	16,333.63	100.0	16,333.63	100.0
Gross Profit	16,333.63	100.0	16,333.63	100.0
Expenses:				• .
Operating Expenses Outside Staff Support Public Relations	300.00 163.20	1.8 1.0	300.00 163.20	1.8 1.0
TOTAL Operating Expenses	463.20	2.8	463.20	2.8
Consultants GSP - AEM Survey Annual Report	29,447.13 2,826.75	180.3 17.3	29,447.13 2,826.75	180.3 17.3
TOTAL Consultants	32,273.88	197.6	32,273.88	197.6
TOTAL Expenses	32, 737.08	200.4	32,737.08	200.4
Net Income from Operations	(16,403.45)	(100.4)	(16,403.45)	(100.4)
Earnings before Income Tax	(16,403.45)	(100.4)	(16,403.45)	(100.4)
Net Income (Loss)	\$(16,403.45)	(100.4)%	(16,403.45)	(100.4)

31

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#### Mission Hills Community Services District Profit & Loss Prev Year Comparison November 2022

	А	В	С	D	Ε	F	G	Н	Ι	J	Κ	L	М
1								Nov 22		Nov 21		\$ Change	Description
3		Or	din	arv	, Ind	cor	ne/Expense	107 22		1107 21		ψ Onalige	Description
4		-			com								
5					-		· 48 hour notice fees	315.00		195.00		120.00	
6							Construction hydrant meter	50.00		150.00		-100.00	
7					-	-	· Late fees	2,017.24		0.00		2,017.24	Late Fees 2022
8 9							Miscellaneous income Reconnection fees	0.00 50.00		0.00		0.00	
9 10							· Returned check fees	75.00		5.00		70.00	
11							· Sewer basic charges	90,667.77		83,875.00		6,792.77	Rate Change 2022
12					409	95	· Street sweeping charges	1,508.76		1,500.84		7.92	
13							· Water basic charges	56,130.15		60,122.74		-3,992.59	Rate Change 2022
14							· Water usage charges	48,483.28		46,359.24		2,124.04	Rate Change 2022
15			_				ome	199,297.20		192,207.82		7,089.38	
16 17			Gr		s Pr	-		199,297.20		192,207.82		7,089.38	
17				CX	per		· Salaries and wages		_				
18							05 · Wage expense	49,833.59		43,456.90		6,376.69	Fully Staffed
20	$\vdash$					60	10 · Payroll tax expense	4,220.95		3,974.75		246.20	i any otaniou
21					То	tal	6000 · Salaries and wages	54,054.54		47,431.65		6,622.89	
22					60	50	· Employee benefits			,			
23						60	60 · Disability insurance	262.98		202.32		60.66	
24							65 · Health insurance	11,906.86		8,820.48		3,086.38	More People on Plan
25						60	75 · Retirement expenses	1,336.11		1,059.67		276.44	
26						~~	00 Magatian 8 Cials Lague	4 000 40		0.500.44		4 000 70	Mars Mag/Sick Takan 2022
26 27							90 · Vacation & Sick Leave 95 · Benefit Administration	4,230.19 0.00		2,566.41 89.82		-89.82	More Vac/Sick Taken 2022
27							6050 · Employee benefits	17,736.14		12,738.70		4,997.44	
29							· Director fees	1,125.00		625.00		500.00	
30					-		· Depreciation expense	28,189.70		31,054.00		-2,864.30	
31							· Vehicle expenses						
32							45 · Tractor and equipment	0.00		0.00		0.00	
33						-	50 · Vehicle fuel	150.00		986.28		-836.28	
34							55 · Vehicle maintenance	0.00		1,575.28		-1,575.28	
35 36							6140 · Vehicle expenses · Dues and memberships	150.00 100.00		2,561.56 100.00		-2,411.56 0.00	
37							· Office expenses	100.00	_	100.00		0.00	
38							05 · Bank fees and charges	0.00		10.00		-10.00	
39							10 · Cash (over) / short	0.00		0.00		0.00	
40							20 · Licenses and fees	80.00		0.00		80.00	
41							25 · Miscellaneous expenses	0.00		28.28		-28.28	
42							30 · Office supplies	185.30		259.96		-74.66	
43 44						62	35 · Postage expense 45 · Office Equipment	708.33		2,670.00 1,264.81		-1,961.67	Timing of Payment
44 45							6200 · Office expenses	169.17 1,142.80	-	4,233.05		-1,095.64	
46							· Operating supplies and expense			4,200.00		-3,030.23	
47			-				10 · Miscellaneous supplies	448.89		1,426.85		-977.96	
48						63	25 · Portable equipment	0.00		1,068.30		-1,068.30	
49							30 · Shop supplies	232.05		46.39		185.66	
50							35 · Small tools and appliances	0.00		1,538.87		-1,538.87	
51						63	40 · Chemicals	0.00		0 400 5 1		0 400 5 4	
52 53	$\left  \right $						6342 · Bioremediation 6344 · Chlorine	0.00 1,667.67		2,120.54 1,045.80		-2,120.54 621.87	
53 54	$\vdash$						6345 · Corrosion inhibitor	5,923.26		4,771.63		1,151.63	
55	$\vdash$					То	tal 6340 · Chemicals	7,590.93	-	7,937.97	-	-347.04	
56							6300 · Operating supplies and ex			12,018.38		-3,746.51	
57		_			63	50	· Safety expenses			,		,	
58						63	60 · Protective Clothing/Uniforms			0.00		469.12	
59							65 · Safety equipment	0.00		260.01		-260.01	
60							75 · Other safety expenses	275.14		0.00		275.14	
61							6350 · Safety expenses	744.26		260.01		484.25	
62 63	$\vdash$						· Contractual services 20 · Cleaning service	200.00		200.00		0.00	
63 64	$\vdash$						20 · Office equip maintenance	435.51		368.97		66.54	
65	$\square$						30 · Internet access	0.00		159.73		-159.73	
66							35 · Landscaping services	232.10		229.29		2.81	

#### Mission Hills Community Services District Profit & Loss Prev Year Comparison November 2022

1 2 67 68										
67			+			Nov 22	Nov 21		\$ Change	Description
				64	37 · Pest Control	220.00	50.00		170.00	
nX I				-	45 · Security expense	112.50	112.50		0.00	
69					49 · SCADA Support	0.00	2,040.00		-2,040.00	
70					50 · Software support	0.00	2,410.00		-2.410.00	
71					52 · Credit Card Processing	-792.39	389.78		-1,182.17	
72					53 · Software Subscriptions	118.38	406.28		-287.90	
73					55 · Street sweeping services	1,414.60	1,286.00		128.60	
74					70 · Other contractual services	1,203.50	15,791.10		-14,587.60	Manhole Project 2021
75					6410 · Contractual services	3,144.20	23,443.65		-20,299.45	-
76			_		· Professional services					
77					80 · Accounting services	0.00	1,587.94		-1,587.94	
78					88 · Information Services	0.00	10,456.97		-10,456.97	
79					90 · Legal services	1,494.14	31,617.60		-30,123.46	Less Legal Fees 2022
80					95 · Human Resources services	265.00	0.00		265.00	
81					97 · Interim General Manager	0.00	14,332.00		-14,332.00	
82			-		6475 · Professional services	1,759.14	57,994.51		-56,235.37	
83					· Equipment lease and rentals	598.43	783.73		-185.30	
84	1	$\square$			· Research and monitoring					
85			$\uparrow$		35 · Monitoring expense	1,910.10	1,294.00		616.10	
86			-		6525 · Research and monitoring	1,910,10	1,294.00		616.10	
87					· Travel and meetings	.,	.,			
88					10 · Meals	0.00	167.77		-167.77	
89				66	20 · Staff training	1,143.35	0.00		1,143.35	
90					6600 · Travel and meetings	1,143.35	167.77		975.58	
91					· Utilities	.,				
92				66	55 · Cell phones	197.72	186.19		11.53	
93					60 · Dump fees	0.00	760.00		-760.00	
94					65 · Electrical	8,115.42	11,678.35		-3,562.93	Lower Electrical Expenses 2022
95					70 · Natural gas	71.50	2,876.70		-2,805.20	
96					85 · Telephone	195.62	517.85		-322.23	
97					91 · Trash & Recycling	292.02	223.54		68.48	
98			-		6650 · Utilities	8,872.28	16,242.63		-7,370.35	
99					· Government fees and charges	0.00	95.00		-95.00	
100					· Repairs and maintenance	0.00	00.00		00.00	
100					30 · Distribution expense	63.08	0.00		63.08	
102			+		40 · Hydrants	0.00	155.51	-	-155.51	
102					50 · Collection expense	0.00	63.06		-63.06	
103			+		65 · Supplies and small tools	0.00	312.57		-312.57	
105			$\uparrow$		75 · Filtration Plant	112.23	0.00		112.23	
105					85 · Wells and pumping	211.74	2,103.79		-1,892.05	
107			$\uparrow$		90 · Waste water plant	500.00	0.00		500.00	
			1		<b>1</b> 7					Manhole Project, Water
108				67	95 · Other repairs and maintenan	1,126.59	7,500.00		-6,373.41	Leak 2021
109			Ţ		6720 · Repairs and maintenance		10,134.93		-8,121.29	
110					pense	130,955.45	221,178.57		-90,223.12	
	Ne				ncome	68,341.75	-28,970.75		97,312.50	
112					Expense					
113				Incor			1			
114					arket Appreciation/(Depr)	3,317.89	-3,120.65		6,438.54	Investment Appreciation 2022
					terest income	6,651.66	9,789.80		-3,138.14	Lower Interest Paid 2022
115					Income				-3,138.14	
116	NL-					9,969.55	6,669.15		- )	
117 118 <b>Ne</b>				r Inco		9,969.55 78,311.30	6,669.15 -22,301.60		3,300.40 <b>100,612.90</b>	

#### Mission Hills Community Services District Disbursements Journal November 2022

	A B	CD	E	F G	Н І Ј	К	L
1			Date	Num	Name	Amount	Description
2	1060 · CHCU - General	4163					
3			11/01/2022	32829	American Industrial Supply	-269.48	
4			11/01/2022	32830	California Special Districts Associa	-175.00	
5			11/01/2022	32831	Clinical Labs of San Bernardino Inc	-643.00	
6			11/01/2022	32832	Comcast	-163.35	
7			11/01/2022	32833	Compuvision	-195.50	
8			11/01/2022	32834	De Lage Landen Financial Service	-169.17	Deplese Front Ordinder
9			11/01/2022	32835	Energy Link	-4,782.77	Replace Front Cylinder Head on Engine
10			11/01/2022	32836	Famcon Pipe & Supply Inc.	-4,258.66	40606H Hyd Jones, Waher, Angle Stop, Stop Wrench Meter Key, Wrench Extension Well # 7 New Pump
11			11/01/2022	32837	Fisher Pump & Well Service	-121,428.23	System
11 12			11/01/2022	32838	Frontier Communications	-121,420.23	System
12			11/01/2022	32839	Hensley Law Group	-1,710.00	Legal Fees
14			11/01/2022	32840	Iflow Energy Solutions, Inc	-35,177.53	Meters
15			11/01/2022	32841	Jon's Lawn Mowing	-258.71	
16			11/01/2022	32842	Linde Gas & Equipment Inc	-40.99	
17			11/01/2022	32843	Mainline Utility Company	-3,800.00	Clean Root Blockate Multiple Sewer Lines, Cleaned Lines Running Into Lift Station
18			11/01/2022	32844	Office Depot Business Credit	-160.19	
19			11/01/2022	32845	Oilfield Environmental & Compliand	-1,360.20	Monitoring Fees
20			11/01/2022	32846	Pro3 Automation Inc	-585.00	g
21			11/01/2022	32847	Quadient Leasing USA, Inc.	-100.25	
22			11/01/2022	32848	SoCalGas	-2,482.24	Utility Bill
23			11/01/2022	32849	Standard Insurance Company	-264.63	-
24			11/01/2022	32850	Ultrex Inc	-187.53	
25			11/01/2022	32851	Underground Service Alert of SC	-13.50	
26			11/01/2022	32852	USA BlueBook	-131.50	
							TSO Support, SSMP Plan
27			11/01/2022	32853	Wallace Group	-2,933.00	Upgrade
28			11/01/2022	EFT	Tierzero	-133.90	
29			11/04/2022	EFT	PG&E	-4,398.00	Utility Bill
30			11/14/2022	EFT	PG&E	-1,369.92	Utility Bill
31			11/14/2022	EFT	PG&E	-14.87	Utility Bill
32			11/14/2022	EFT	PG&E	-507.83	Utility Bill
33			11/14/2022	EFT	PG&E	-234.69	Utility Bill
34			11/14/2022	EFT	PG&E	-3,863.02	Utility Bill
35			11/14/2022	EFT	PG&E	-2,114.66	Utility Bill Monthly Medical, Dental,
36			11/15/2022	32854	ACWA/JPIA *Medical Insurance	-12,793.44	Vision, Life Ins, EAP Water Storage Tanks
27			11/15/2022	22055	Adventage Technical Services	10 667 00	Engineering and Specification Development
37 38		+	11/15/2022	32855 32856	Advantage Technical Services, Inc American Industrial Supply	-10,667.00 -606.07	Development
39			11/15/2022	32857	Carmel & Naccasha LLP	-504.14	
40			11/15/2022	32858	Carr's Boots	-171.00	
41			11/15/2022	32859	Compuvision	-5,640.77	Wireless Upgrade
							Vehicle Maintenance,
42			11/15/2022	32860	County of Santa Barbara- Gen Svc	-1,652.07	Fuel
43			11/15/2022	32861	Dahl Air Conditioning	-210.00	
44			11/15/2022	32862	Energy Link	-875.84	
45		+	11/15/2022	32863	Famcon Pipe & Supply Inc.	-682.96	
46			11/15/2022	32864	Filtronics, Inc.	-3,148.63	Manway Gasket, Cover
47		+	11/15/2022	32865	Hensley Law Group	-990.00	
48		+	11/15/2022	32866	Inklings Printing Company	-275.14	
			11/15/2022	32867	Juana Garcia Rodriguez	-200.00	Janitorial Service
49							
50			11/15/2022	32868	O'Connor Pest Control	-110.00	
49 50 51 52			11/15/2022 11/15/2022 11/15/2022	32868 32869 32870	O'Connor Pest Control Oilfield Environmental & Complian Smith Alarms & Electronics, Inc.	-110.00 -824.60 -112.50	

34

#### Mission Hills Community Services District Disbursements Journal November 2022

	А	В	С	D	E	F	G	Н	1	J	К	L
1					Date		Num		Name		Amount	Description
53					11/15/2022		32871		SP Maintenance Services, Inc.		-1,414.60	Street Cleaning Fees
54					11/15/2022		32872		Springbrook National User Group	5	-100.00	
												<b>Conceptual Water Supply</b>
55					11/15/2022		32873		Stantec		-12,290.50	Study
56					11/15/2022		32874		Staples Business Credit		-215.15	
57					11/15/2022		32875		State Water Resources Control B	30	-80.00	
												Rental Fees, Pick Up,
58					11/15/2022		32876		Valley Roll-Off Service		-1,600.65	Clean Up Plant
59					11/15/2022		32877		Verizon		-197.72	
60					11/15/2022		32878		Waste Management		-292.02	
61					11/16/2022		32879		Home Depot		-1,141.99	Shop Items
62					11/16/2022		32880		Reimbursement		-150.00	
63					11/16/2022		32881		Santa Barbara Co Air Pollution C	0	-909.00	
												Telehandler Forklift &
												Heavy Equipment Rental
64					11/16/2022		32882		Sunbelt Rentals Inc		-1,088.61	Fee
65					11/16/2022		EFT		Pitney Bowes		-185.30	
66					11/21/2022		EFT		PG&E		-10.43	
67					11/21/2022		EFT		Verizon		-197.72	
68					11/30/2022		EFT		Right Networks		-118.38	
69		Total 1060 · CHCU - Gen	era	al 4	163						-253,540.84	
70		1070 · CHCU - Payroll 41	55	5								
71					11/01/2022		EFT		AFLAC		-66.82	
72					11/01/2022		1351		Matrix Trust Company		-3,745.04	401K/457
73					11/09/2022				Payroll		-16,780.69	
82					11/10/2022		E-pay		EDD		-1,228.12	
83					11/10/2022		E-pay		IRS USATAXPYMT		-4,785.16	
84					11/10/2022		EFT		CA State Disbursement Unit/Expe	er	-299.07	
85					11/14/2022		EFT		EDD		-231.99	
86					11/15/2022		1352		Matrix Trust Company		-3,363.40	401K/457
87					11/22/2022				Payroll		-20,102.09	
88					11/22/2022				Payroll		-986.58	
103					11/23/2022		E-pay		EDD		-1,656.80	
104					11/23/2022		E-pay		IRS USATAXPYMT		-6,078.26	
105					11/23/2022		EFT		CA State Disbursement Unit/Expe	er	-299.07	
106					11/28/2022		EFT		AFLAC		-66.82	
107		Total 1070 · CHCU - Payr	oll	41	55						-59,689.91	
108		1075 · CHCU - ACH 4130	)									
109					11/16/2022		EFT		Springbrook (ACH Services)		-199.13	
110		Total 1075 · CHCU - ACH	4	13	0						-199.13	
111	то	TAL									-313,429.88	

# Consent Item 4. C iii

	А		В		С		D		E		F		G		Н	I	J	К	
1								V	ariation	Fror	n Projec	te	d Incom	е					
2									Fiscal Y	ear	Ending 6	-3(	)-2023						
3																			
4					Water			Wastewater											
5	Billing Month		Projected Income*	Act	tual Income	v	ariation		rojected Income	Actu	al Income	V	/ariation Total (Loss) / Ga			Current Year Units Sold	Last Year Units Sold	Previous 5 Year Average Units Sold	
6	Jul-22	\$	114,125	\$	115,954	\$	1,829	\$	83,750	\$	84,284	\$	534	\$	2,363	22,621	23,039	22,132	
7	Aug-22	\$	117,875	\$	116,411	\$	(1,464)	\$	83,750	\$	84,012	\$	262	\$	(1,202)	25,390	25,038	24,000	
8	Sep-22	\$	116,250	\$	123,135	\$	6,885	\$	83,750	\$	84,083	\$	333	\$	7,218	20,829	21,488	22,252	
9	Oct-22	\$	112,000	\$	111,535	\$	(465)	\$	83,750	\$	83,923	\$	173	\$	(292)	16,842	18,786	20,501	
10	Nov-22	\$	110,125	\$	104,613	\$	(5,512)	\$	83,750	\$	90,668	\$	6,918	\$	1,406	15,566	17,377	19,882	
11	Dec-22	\$	100,625	\$	-	\$	-	\$	83,750	\$	-	\$	-	\$	-		11,828	15,537	
12	Jan-23	\$	89,125	\$	-	\$	-	\$	83,750	\$	-	\$	-	\$	-		12,272	12,405	
13	Feb-23	\$	94,375	\$	-	\$	-	\$	83,750	\$	-	\$	-	\$	-		16,772	14,913	
14	Mar-23	\$	91,000	\$	-	\$	-	\$	83,750	\$	-	\$	-	\$	-		19,671	13,658	
15	Apr-23	\$	90,625	\$	-	\$	-	\$	83,750	\$	-	\$	-	\$	-		17,723	13,480	
16	May-23	\$	102,750	\$	-	\$	-	\$	83,750	\$	-	\$	-	\$	-		23,118	18,271	
17 18	Jun-23	\$	111,125	\$	-	\$	-	\$	83,750	\$	-	\$	-	\$	-		22,524	20,430	
19	Total	\$	1,250,000	\$	571,649	\$	1,274	\$	1,005,000	\$	426,969	\$	8,219	\$	9,493	101,248	229,636	217,461	
21		Year to Date Monthly Averages														verages			
22	YTD avg	D avg 100% 46%					100%				42%					20,250	19,136	18,122	
23																Yearly Average	19,136	18,122	
24																			
25		* Projected Income is calculated by using current year and previous 5 year average monthly units sold.																	
26																			
27					Units S	old	by Cale	nda	ar Year (1	l Un	it = 1 HC	;F =	= 748 Ga	allo	ns)				

Consent Item 4. C iv

	A	AM	AN	AO	AP	AQ
1			••		-	
2	Bank Account Summary					
3		7/31/2022	8/31/2022	9/30/2022	10/31/2022	11/30/2022
31			0.0 2022	V, VV, LVLL		
32	LAIF	\$1.740.868	\$1,740,868	\$1,740,868	\$1,746,792	\$1,746,792
33		, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
34	TD Ameritrade/RNC Genter	\$1,275,353	\$1,272,832	\$1,267,141	\$1,265,349	\$1,274,442
35						
36	Coast Hills FCU			-		
37	Checking	\$509,281	\$403,898	\$385,477	\$506,532	\$407,477
38	Development	\$0	\$0	\$0	\$0	\$0
39	Investment Checking	\$202	\$202	\$202	\$202	\$202
40	Savings	\$0	\$0	\$0	\$0	\$0
41 42	Payroll ACH (Sweep Account)	\$62,923 \$1,000	<u>\$33,096</u> \$2,522	\$18,384 \$2,910	\$14,140 \$3,570	\$14,451 \$3,285
_						
43 44	Total Coast Hill FCU	\$573,406	\$439,717	\$406,972	\$524,444	\$425,415
	Five Star Bank					
46	Operating	\$369	\$150,380	\$150,393	\$77,085	\$68,835
47	Development	\$261,437	\$261,459	\$261,481	\$261,503	\$261,525
48	Money Market	\$455,694	\$456,275	\$456,837	\$457,552	\$458,305
49	ACH (Sweep Account)	\$0	\$0	\$0	\$0	\$0
50	Payroll	\$0	\$0	\$0	\$0	\$0
51	Total Five Star Bank	\$717,500	\$868,114	\$868,711	\$796,140	\$788,664
52						
53	Combined Balance	\$4,307,127	\$4,321,532	\$4,283,693	\$4,332,724	\$4,235,313
54						
55	Monthly Change	\$1,238	\$14,404	-\$37,839	\$49,031	-\$97,411
56						
57	Fiscal Year Monthly Change To Date					
58 59	-\$70,576		Cu	rrant Darcantaga		
	INVESTMENT STRATEGY		Cu	rrent Percentage		
61	Along with resuming active management, the					
01	Finance Committee and Staff recommend a		_ /			
62	balanced distribution of monies as stated below		/	24%		
63	between TD Ameritrade, LAIF and Coast Hills			44%		
64	Credit Union/Five Star Bank. This distribution will					
65	allow the District to maximize yields on investments, while meeting operating and capital			32%		
66 67	cash needs					
67 68	Recommended Investment Strategy:					
	01. Coast Hills CU/Five Star Bank: \$300,000		LAIF			
70			TD An	neritrade/RNC Genter		
71	Goal of about 10%		Total	CH FSB Less Developme	nt	
	02. TD Ameritrade: 50% of balance of unrestricted			· ·		
73	cash					
74	Goal of about 45%					
75	03. LAIF: 50% of the balance of unrestricted cash					
76	Goal of about 45%					
77						
78			37			

	В	С			D		E		F		G	k L	М
1	Mission Hills Community Services District												5
2	Budget to Actual Comparison												0.42
3	JUL 22 -NOV 22												7
4		Budget	d	Prora	ted Budget		Actual				Remainder	% of Budget	Explanation
5	Income	Fiscal Year	22-23	JUL 2	22 -NOV 22	JL	JL 22 -NOV 22		Difference	Bu	dgeted Amount	42%	
6	Late Fees/Charges	\$ 5	0,000	\$	20,833	\$	14,209	\$	(6,624)	\$	35,791	28%	Lower Than Budgeted
7	Water Service	\$ 1,25	0,000	\$	520,833	\$	571,649	\$	50,815	\$	678,351	46%	Slightly Higher Than Budgeted
8	Sewer Service	\$ 1,00	5,000	\$	418,750	\$	426,969	\$	8,219	\$	578,031	42%	On Track With Budget
9	Street Sweeping	\$ 1	8,000	\$	7,500	\$	7,529	\$	29	\$	10,471	42%	On Track With Budget
10		\$ 2,32	3,000	\$	967,917	\$	1,020,356	\$	52,439	\$	1,302,644	44%	Revenue is 2% Above Budget
11													
12													
13		Budget	d	1			Actual				Remainder		
14	Expense	Fiscal Year		JUL 2	22 -NOV 22	JL	JL 22 -NOV 22		Difference	Bu	idgeted Amount		
	Salaries & Wages		5,000	\$	293,750		308,393	\$	(14,643)	\$	396,607	44%	Slightly Higher Than Budgeted
16	Employee Benefits	\$ 25	0,000	\$	104,167	\$	101,659	\$	2,508	\$	148,341	41%	Slightly Lower Than Budgeted
17	Director Fees	\$ 1	6,500	\$	6,875	\$	3,000	\$	3,875	\$	13,500	18%	Less Meetings Than Budgeted
18	Depreciation	\$ 37	5,000	\$	156,250	\$	140,949	\$	15,302	\$	234,052	38%	Depreciation Slightly Lower Than Budgeted
19	Election Expense	\$	3,000	\$	1,250	\$	-	\$	1,250	\$	3,000	0%	No Election Expense
20	Vehicle Expense	\$ 2	3,000	\$	9,583	\$	13,881	\$	(4,298)	\$	9,119	60%	More Maintenance Than Budgeted
21	Insurance	\$ 2	5,000	\$	10,417	\$	11,875	\$	(1,458)	\$	13,125	47%	Timing of Paying Insurance
22	Memberships	\$ 3	0,000	\$	12,500	\$	6,875	\$	5,625	\$	23,125	23%	Lower Than Budgeted
23	Office Expenses	\$ 2	5,000	\$	10,417	\$	9,366	\$	1,051	\$	15,634	37%	Slightly Lower Than Budgeted
24	Operating Supplies	\$ 2	5,000	\$	10,417	\$	6,865	\$	3,552	\$	18,135	27%	Lower Than Budgeted
25	Chemicals	\$ 10	0,000	\$	41,667	\$	30,913	\$	10,753	\$	69,087	31%	Lower Than Budgeted
26	Safety	\$	5,000	\$	2,083	\$	1,885	\$	198	\$	3,115	38%	Lower Than Budgeted
27	Contractual Services	\$ 12	5,000	\$	52,083	\$	52,884	\$	(801)	\$	72,116	42%	Slightly Higher Than Budgeted
28	Professional Services	\$ 12	5,000	\$	52,083	\$	24,781	\$	27,303	\$	100,219	20%	Lower Than Budgeted
29	Printing & Publication	\$	5,300	\$	2,208	\$	1,483	\$	725	\$	3,817	28%	Lower Than Budgeted
30	Equipment Lease	\$ 1	3,500	\$	5,625	\$	3,885	\$	1,740	\$	9,615	29%	Lower Than Budgeted
31	Monitoring	\$ 3	6,000	\$	15,000	\$	8,722	\$	6,278	\$	27,278	24%	Lower Than Budgeted
32	Travel/Meetings/Meals	\$ 1	5,000	\$	6,250	\$	2,973	\$	3,277	\$	12,027	20%	Lower Than Budgeted
33	Utilities	\$ 22	0,000	\$	91,667	\$	84,110	\$	7,557	\$	135,890	38%	Slightly Lower Than Budgeted
34	Government Fees	\$ 3	5,000	\$	14,583		5,120	\$	9,463	\$	29,880	15%	Lower Than Budgeted
35	Repairs & Maintenance		0,000	\$	33,333		32,682	\$	651	\$	47,318	41%	Slightly Lower Than Budgeted
36	Miscellaneous Expenses	\$ 2	5,000	\$	10,417	\$	-	\$	10,417	\$	25,000	0%	Uncollectables or Write Offs
37		\$ 2,26	2,300	\$	942,625	\$	852,300	\$	90,325	\$	1,410,000	38%	Expenses Are 4% Below Budget
38													
46	Resolution 15-229 - Budget Preparation and App	oroval Proces											
47	C.3 Whenever a budgeted expense line item h	as circumstar	ces wh	nere a pi	ojected expe	nse e	exceeds a 5% va	rian	ce of the total bu	Idget	t,		
48	the GM will be required to seek a super majority	approval fro	m the I	BoD bef	ore the exper	ise is	finalized, when	pos	sible.				
49									5% =	\$	113,115.00		



### MISSION HILLS COMMUNITY SERVICES DISTRICT

### MEMORANDUM

TO: Board of Directors

**FROM:** Brad Hagemann, General Manager Lupe Huitron, Administrative Assistant/Board Secretary

DATE: December 14, 2022

### SUBJECT: Officer Elections and Committee Assignments for 2023

#### **Recommendation / Proposed Motion**

- Recommendation: Nominate and elect a President, Vice-President, and Finance Officer for the calendar year 2023.
- Proposed Nomination: I nominate "Director" to be President of the Mission Hills Community Services District for calendar year 2023
- Proposed Nomination: I nominate "Director" to be Vice-President of the Mission Hills Community Services District for calendar year 2023
- Proposed Nomination: I nominate "Director" to be Finance Officer of the Mission Hills Community Services District for calendar year 2023

### Policy Reference

- 4040 Board President
- 4050 Members of the Board of Directors
- 4060 Committees of the Board of Directors

### **Alternatives Considered**

None considered

### **Background**

Mission Hills established policies that guide the District's procedures for electing officers and appointing committee members.

### **Discussion**

Determine who the Board President will be for the calendar year 2023, the current Vice President will remain in office through December. The newly elected President will coordinate with the Directors regarding their preference(s) for Committee assignment prior to the January 18, 2023 Regular meeting. The President will appoint Directors to serve on the various Committees at the January Board meeting.



## MISSION HILLS COMMUNITY SERVICES DISTRICT

## MEMORANDUM

**TO:** Mission Hills Community Services District Board of Directors

**FROM:** Brad Hagemann, General Manager

**DATE:** December 14, 2022.

**SUBJECT:** Discuss and Consider Approval of Consultant Services Agreement with Advanced Technical Services (ATS) for Construction Phase Engineering Services for the Water Tanks Rehabilitation Project

### **Recommendation:**

Staff recommends that the Board of Directors approve of Consultant Services Agreement with Advantage Technical Services, Inc. for Engineering Services for Rehabilitation of Water Tanks in an amount not to exceed \$97,000.

### Fiscal Impact:

The District's FY 2022/2023 Budget has available funding in the approved Capital Improvement Program budget to fund the Professional Services Agreement.

### **Discussion:**

At the November 16, 2022, Board meeting the Board awarded a construction contract to Crosno Construction Inc. for the Water Tank Rehabilitation Project. A project of this complexity requires an experienced and well qualified contractor and requires professional oversight to ensure that waste materials are handled properly, metal preparation and repair work and coating applications are completed in accordance with the project specifications. As noted during the November 16, 2022, Board meeting staff requested a proposal from ATS to perform the construction phase services for this project.

ATS provided the attached Proposal for the Construction Services work. The proposal is based on a "time and materials" pay method with a not to exceed amount of \$97,000. The majority of the proposed scope of work is for quality assurance of the welding/fabrication processes and tank coating preparation and application by certified inspectors. Ensuring that the contractor performs the work in accordance with the project plans and specifications will ensure that the repairs will last as long as possible in our semi-marine environment. District staff are not certified welding or coating inspectors, but we will assist with construction phase services as appropriate in order to keep the cost of the contractor supplied services to a minimum. Staff recommends that the Board of Directors approve entering into a Consultant Services Agreements with Advantage Technical Services, Inc. for Construction Phase Services for Water Tanks Rehabilitation Project in an amount not to exceed \$97,000.

## Attachments:

1) November 3, 2022, Proposal from Advantage Technical Services incorporated for Engineering Services for Construction Phase Services for the Water Tanks Rehabilitation Project.

2) Draft Agreement for consulting services for Construction Phase Services for the Water Tanks Rehabilitation Project

November 3, 2022

Mr. Bradley Hagemann, P.E. General Manager Mission Hills Community Services District

# RE: Construction Phase Engineering Services Proposal for Rehabilitation of Mission Hills CSD's Water Storage Tanks

Dear Mr. Hagemann:

We appreciate the opportunity to provide the attached proposal to provide technical and professional services for the Mission Hills Community Services District water tank rehabilitation. Advantage Technical Services, Inc. (ATS) specializes in exactly this type of work. We've been involved with planning of this work for several years and we hope to continue to support the District with the care of these important structures.

You will find the following attachments:

- ATS Project Experience
- ATS Key Personnel
- Cost Estimate

Our proposal is based on a "Time and Materials" pay method with a "Not to Exceed" limit. Thank you for the consideration of our firm for this project. We look forward to working with you to achieve quality results in an efficient manner.

Please call if you have any questions regarding the services that we are offering.

Sincerely, Advantage Technical Services, Inc.

HL D Ball-

William D. Bellis, P.E. Principal

6661 FERN CANYON RD. SAN LUIS OBISPO, CA 93401 PH. 805-595-2282

42

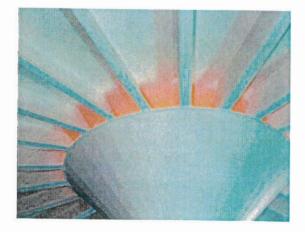
### MISSION HILLS COMMUNITY SERVICES DISTRICT

### PROJECT EXPERIENCE

## Cambria Community Services District, Fiscalini Water Tank Replacement Project

ATS provided structural evaluation of the corroded tank and worked with District staff to design

a project that avoided the complex Coastal Commission permitting process while replacing the existing tank with one designed for long lasting low maintenance performance in the challenging coastal environment. ATS provided all aspects of engineering, bid administration, management and special inspection. The specification encouraged contractor creativity and responsibility for work within an extremely small site surrounded by environmentally sensitive area. The design incorporated an innovative seal-welded roof to reduce interior corrosion.



## Twain Harte Community Services District, Water Tank Roof Replacement

The project included removal and replacement of the damaged roof on a 1,000,000-gallon potable water tank, upgrade of appurtenances and re-coating. The new roof structure was designed for a much higher snow load to meet new requirements and improve resistance to rafter overloading. The increased design load necessitated a multi-column center support to accommodate existing soil conditions. The new roof interior is seal welded and free of complex shapes that create corrosion prevention challenges. ATS provided inspection, structural design, specification development and quality assurance services.



#### MISSION HILLS COMMUNITY SERVICES DISTRICT

#### City of San Luis Obispo, Stenner Canyon Waterline Coating Project



ATS provided engineering consulting, Construction Management and quality assurance oversight. Project development included construction feasibility, environmental and safety hazard recognition. Lead-based coatings, difficult access and proximity to a creek with cold spawn migratory species demanded thoughtful and thorough project development to minimize impact. ATS evaluated the existing conditions, worked with operations personnel and delivered a project which is providing lasting

corrosion prevention with minimal environmental impact. ATS wrote the technical specifications and used the City's standard special provisions for the "front end", lead pre-bid conference, preconstruction conference, processed progress payment requests and responded to formal requests for information.

#### Kelly Slater Surf Ranch

The Kelly Slater Wave Ranch uses cutting edge science, engineering and design to create the longest ridable open-barrel wave in the world. ATS provides structural evaluation and underwater repair of the safety barrier and wave producing systems. We continue as consultants to the operations group assisting with the development of rehabilitation and

inspection plans. ATS has successfully developed procedures and completed novel underwater repairs of the wave generating foil using composite materials and techniques. The methods were associated with our patented underwater coating system originally designed to protect potable water during curing.

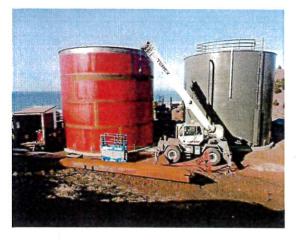


#### SLO County, Tank Recoating for CSA 10 Cayucos Water Treatment Plant

ATS provided project engineering for the rehabilitation and safety upgrades for this tank. ATS' scope included structural evaluation of the exterior roof, project development and technical specifications. ATS was called in to provide consulting for change order avoidance during construction after the contractor and quality assurance provider stopped construction based on claims regarding lack of structural integrity. ATS quickly conducted an evaluation of the corroded structure including determination of the section modulus of roof rafters in their "as corroded" condition. The structure was shown to be structurally adequate. The contractor and project inspector returned to work without change order.

#### MISSION HILLS COMMUNITY SERVICES DISTRICT

#### San Luis Obispo County-New Water Tanks for Cayucos CSA 10



The water at this location provides potable water for the public and fire suppression including postearthquake service. The old tank had serious corrosion and was in poor condition to resist damage during a seismic event. With only one tank there was no operational redundancy. The County chose ATS to assist with scope development, provide construction quality assurance and engineering consulting. The two new 220,000gallon tanks include mechanical anchorage, flexible pipe connections and a seal welded roof.

#### City of Santa Maria, Rehabilitation of Wastewater Clarifier #1 and Grit Chamber

ATS worked with the City to inspect the corrosion of the existing concrete and steel. As the

Project Engineer, ATS developed the technical documents and contracting strategy to address the severe corrosion damage, operational constraints and budget limitations. Construction specifications incorporated both the latest state-of-the-art coatings, "old school" coatings with a long performance history and a simple innovative cathodic protection system for redundant protection from corrosion that has proven effective on our previous projects.



## Los Osos Community Services District, Maintenance Coating Spot Repairs for the 16th St. Water Tanks

This project with the Los Osos Community Services District included all aspects of engineering, bid administration and management. The project was designed to extend the life of the existing tanks with minimal cost. Specific challenges included working in a neighborhood, on a tight site, lead based coatings and the coastal corrosion environment. The specification encouraged contractor creativity and responsible bidding. When the contractor found through thickness corrosion in the roof, a change order was avoided by ATS design and application of a rapid repair system with NSF61 approved materials.

#### MISSION HILLS COMMUNITY SERVICES DISTRICT

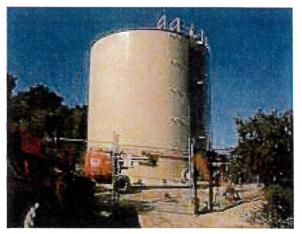
#### City of Paso Robles, Sherwood Pressure Vessels Rehabilitation

ATS provided inspection, engineering, quality assurance and construction management services. The project included welded repair, re-coating and testing of two 4,000-gallon ASME pressure vessels that are part of the City's water treatment system for arsenic removal. The vessels were transported to an off-site facility for the work to allow economical completion with low impact to the neighboring community. The technical specifications addressed regulatory compliance for welded repair of pressure vessels and special linings for abrasion resistance in potable water submersion. Cost control strategies where the full scope of welded repairs was unknown prior to abrasive blast cleaning.

Significant cost savings was gained by the City in comparison to replacement of the vessels. The vessels were successfully repaired, tested and certified for 150 psi operating pressure.

### The City of Paso Robles, Rehabilitation of Golden Hills #1 and Merryhill Tanks

ATS provided engineering, construction management and quality assurance services for this project. The project scope included development of coating rehabilitation specifications, excavation, concrete foundation for anchoring of the existing Merryhill tank, interior and exterior coatings and rehabilitation of the existing roof structure on the Golden Hill Tank. Unique project challenges associated with existing lead-based coatings and very constrained project site were identified early and addressed during scope development. ATS provided project development, special inspection, detailed specifications of tank



appurtenances and review of Contractors submittals during the project that helped control change order costs.

#### City of Paso Robles, Waste Water Treatment Plant Sodium Hypochlorite Facility

ATS acted as Construction Manager and provided quality assurance services. ATS led progress meetings, tracked progress, approved progress payments, negotiated change orders, tracked submittals and provided construction quality assurance. Judy Bellis provided quality assurance inspection and technical support during the coating phase. Project cost: \$1.1 Million.

MISSION HILLS COMMUNITY SERVICES DISTRICT

## KEY PERSONNEL

#### Senior Engineer

William Bellis, P.E. has provided engineering, management and technical services to the construction industry for over 35 years with nearly three hundred tank and corrosion rehabilitation projects completed. Will's experience and certified qualifications put him among a handful of tank experts in the country. A mix of engineering, quality assurance and management experience give Will a balanced perspective on the needs of the project and project team. Will has a B.S. in Engineering from Cal Poly San Luis Obispo. He is certified as an API 653 tank inspector which is the primary industry standard for tank rehabilitation. Will is an American Society of Nondestructive Testing Level III which is the highest certification level for qualification of nondestructive testing personnel. Will has been certified by ICBO as a Concrete Inspector and Structural Steel Inspector, by the National Association of Corrosion Engineers as a Coating Inspector and is an AWS Certified Welding Inspector.

Will was the Project Engineer for a tank contractor for 8 years where he developed an in-depth understanding of the design, estimating and construction of water and wastewater tank structures. Will has participated in the writing and editing of the National Standard for Welded Steel Tanks for Water Storage (AWWA D100). The use of protective coatings for corrosion prevention was also an important part of this work. Later in his career, Will moved to Alaska to work as a Project Manager for several large, complex construction projects in some of the world's most challenging conditions. Will was the Project Manager for the Badami Pipelines Project in the winter of 1998 which was a \$27 million dollar project extending above ground cross country pipelines far east of Prudhoe Bay. This project included the first winter pipeline crossings of major arctic rivers designed to reduce impact on sensitive habitat. Will managed an office staff of nearly 30, and over 300 union craft personnel who completed the work on schedule and within budget. About 90% of the work was completed in four months between January and April of 1998. Will worked as Project Manager for several smaller projects then successfully culminated his career in Alaska as Arctic Slope Regional Corporation's Project Manager for the Northstar Project. The Northstar Project was the first offshore oil pipeline in Arctic Alaska and pipelines were constructed on floating sea ice. The \$41 million dollar project was extremely complex and regulatory oversight was intense but the project was completed within budget and a very tight schedule. Will has returned to Alaska to work as a consultant for ASRC several times in the last ten years to manage projects and write over \$1 million worth of change orders for various construction projects.

In 2000 Will returned to the Central Coast where he and Judy started ATS. During the last 22 years, Will has developed specifications for many tank and corrosion rehabilitation projects including over ten successful projects for the City of San Luis Obispo. Will's unique blend of education, credentials and experience make him well qualified for the Project Engineer/Project Engineer position on the ATS team.

#### Structural Engineer (Sub consultant)

John Bradley is one of the most experienced tank specialists in the nation. John has completed structural engineering on over 750 tank and vessel projects and has worked with ATS on Pismo Beach's Shell Beach #1 tank replacement project, the Cambria CSD's Fiscalini Welded Steel Tank replacement project and several other minor projects. John is registered as a Structural Engineer in seven states and as a Civil Engineer in thirty-eight states and Canada. John has a B.S. in Civil Engineering from Cal Poly and graduated Magna Cum Laude. John has extensive experience with steel and concrete structures and has developed computer-based design programs to optimize quality and efficiency in the design of tanks, vessels and other structures. John is proficient in AutoCad and RISA-3D. John's extensive structural engineering experience aligns perfectly with ATS's specialty areas and make him a valuable asset to the team.

#### Coatings and Corrosion Prevention Specialist

Judy Bellis has been helping our clients prevent corrosion with coatings for over ten years. Judy has extensive experience in the field that is an important foundation for development of projects that are to provide long lasting service at optimal value. Judy has been working in the construction industry since her graduation from Cal Poly San Luis Obispo in 1985.

Judy is the Qualifying Individual for ATS' general engineering license. Judy is an AWS Certified Welding Inspector and holds the highest Coatings Inspector certification, NACE Level III. These credentials and her field experience provide Judy with valuable insight that she has uses when developing coating specifications for water, wastewater and coastal environments. Judy has experience on many public works jobs including specification development for Los Osos CSD's 16<sup>th</sup> St. Reservoir Repair, Cambria CSD's Fiscalini Tank Replacement Project and Pismo Beach's Pine Knolls Reservoirs, City of San Luis Obispo Bishop St. Tank, Clearwells 1 and 2 and wastewater maintenance projects. She is experienced with regulatory requirements for certified payroll, insurance and environmental health. Judy has worked with the City's recently updated special provisions and front-end documents.

#### **Electrical Engineer**

م بإسبالية.

Kent Burnett, P.E., M.S. has a diverse set of electrical engineering skills including public works projects and over five years with PG&E as a transmission protection engineer. Kent recently worked on Pismo Beach Shell Beach 1 electrical and control system. He understands the public utility interface and provided electrical engineering support on the Cambria CSD Fiscalini electrical and control systems development. Kent also has significant field experience where he performed troubleshooting, repair, and new construction for commercial and public utilities including Big Bear Area Regional Wastewater Agency (BBARWA), Big Bear City CSD, Valley Community Hospital, and Bear Mountain ski resorts. The resort infrastructure includes 12 MW of diesel generation, medium voltage distribution, motor drives and starters, chair lift control circuits, snowmaking equipment, computer network cabling, alarm systems, and others. Kent has a B.S. and M.S. in Electrical Engineering from California Polytechnic State University, San Luis Obispo.

#### **Resident Inspector**

Jack Allen has been active with inspection of various construction and rehabilitation projects with ATS for 10 years. Jack's significant "hands on" experience with ATS includes work as an Inspector/Diver/Engineering Technician on multiple projects including Paso Robles 4 MG Tank Coating and Rehabilitation, San Luis Obispo County's new 10A Water Tanks, Golden State Water's new Tanglewood tank, Kelly Slater Surf Ranch man-made wave pool in Lemoore, the new Pismo Beach Pier, Space-X steel structures and the Paso Robles Wastewater Treatment Plant. He has experience and advanced training in many aspects of quality assurance including inspection of coatings, welding and non-destructive testing (PT, MT, UT & VT). Jack is an AWS Certified Welding Inspector, NACE trained coating inspector, Certified Welder, Certified Master Diver and Certified Commercial Diver. Jack is observant, thoughtful, innovative and a good communicator. ATS is proud to have him as a part of the inspection and management team.

#### **Quality Assurance Inspector**

Hugh McCaffrey has worked in public works construction and private industry providing quality assurance services on projects for over 25 years. His experience spans from water and wastewater facilities to the Arctic Slope of Alaska. Hugh's experience in welding technology provides him with an understanding of the importance of quality workmanship. His experience as a welder allows him to know what it takes to achieve fitness for purpose.

Hugh is an AWS Certified Welding Inspector, a Certified Level II Magnetic Particle Testing Technician and an ACI Certified Concrete Field-Testing Technician. He is well-versed in industry codes and standards including American Water Works Association D100- Welded Steel Tanks for Water Storage, Welding Pipeline and Related Facilities Standard (API 1104) and the Structural Steel Welding Code (AWS D1.1).

#### **Quality Assurance Inspector/Dive Supervisor**

Chuck Rawlinson has extensive experience with tank coatings with over 30 years as an Inspector Diver, Coating Inspector and Under Water Coating Applicator. Chuck has been a valuable consultant employee with ATS for over 10 years. Chuck's extensive experience as a tank inspector gives him a depth of understanding of the problems associated with corrosion on tanks and the impacts of poor workmanship. ATS is fortunate to have access to Chuck's wealth of experience as a team member.



						www.ats-slo.com   805-595-2282			
Cost Estimate for: Mission H	lills CSD		Rates:			6 CWI/NDEII: 135 \$/hr.			
Tank Rehabilitation Project				Construction Mgr./Inspection Mgr.: 240 \$/hr.					
Construction Management, Engineering & Quality				Coatings NACE III/AWS CWI: 140 \$/hr.					
Assurance Svc.s (Rev. to Reduc			NAC	ΕL	I Coating	Insp./NDEII: 125 \$/hr.			
Assumed Sched: Shop fab. & co			Ce	Cert. Tank Insp/CWI/NDEIII: 140 \$/hr.					
Field erection: 6 weeks, Field co	ating: 11 w	eeks			Ad	Iministration: 105 \$/hr.			
Pre-Job	Project	%	Inspection	Es	stimated	Std Day: 8 hr.			
a.	Days*	Coverage	Hours		Cost				
Submittal review	n/a	n/a	12	\$	2,880				
Document site conditions	n/a	n/a	3	\$	720				
Contract Documents	n/a	n/a							
0		- Contraction of the local division of the l				Pre-Job Subtotal \$ 3,600			
Quality Assurance									
Tauli 2 Canating them									
Tank 2 Construction									
Shop Fabrication & Coating									
Welding Inspector CWI		10%	A CONTRACT OF	\$	1,080				
ATS I Coating Inspector/NDEII		30%	and the second	\$	3,360				
NACE LIII Coating Insp/CWI	10	10%	8	\$	1,000				
Tank Erection						11			
Tank Welding Inspector	30	50%	120	\$	16,800				
Tank Coating									
ATS I Coating Inspector	55	45%	198	\$	24,750				
NACE LIII Coating Insp/CWI	55	30%			18,480				
						Subtotal: \$ 65,470			
Construction Management						*			
Pre-construction meeting			4	\$		CM & Inspector			
Schedule Management			8	\$	1,920				
Coordinate and log RFI			8	\$	1,920				
Manage change orders			12	\$	2,880				
Progress pay estimates			24	\$	5,760				
						Subtotal: \$ 12,845			
Administration									
Final walk and punch list					1 100				
Final walk and punch list			8	\$	the second s	NACE Coating Inspector			
Internal Project Mgmt./P.E.			16	\$		PM/PE			
Certified Payroll Monitoring			40	1000		Admin. Rate			
Document control			16	\$	1,680	Admin. Rate			
7			-			Subtotal: \$ 10,840			
Travel	Trips	Rate (\$/mi	A DESCRIPTION OF A DESC						
Job site		0.75	60	\$4	4,275.00				
Per-diem	0		0	\$	-	N/A Local Project			
			Sec. Sec.			Subtotal: \$ 4,275			
			In the second second	a subscription of the		Carrier Date State Sta			
*This estimate is provided to sho				and the local days		Contingency: 0% \$ -			
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estimated project schedule, norn required and estimated contracto	nal level of or productiv	quality assi ity as discu	urance ssed in		Wa	arranty Dive: N/A sc. Materials: 0.30% \$ 278			
estimated project schedule, norn	nal level of or productiv	quality assi ity as discu	urance ssed in		Wa	arranty Dive: N/A			

All work will be provided on a "time and materials" basis.

## AGREEMENT FOR CONSULTANT SERVICES (Rehabilitation of Water Tanks)

This AGREEMENT FOR CONSULTANT SERVICES ("Agreement") is made and effective as of December 14, 2022, between **ADVANTAGE TECHNICAL SERVICES**, **INC**. ("Consultant"), and the **MISSION HILLS COMMUNITY SERVICES DISTRICT**, a political subdivision of the State of California ("District"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

## 1. <u>TERM</u>

This Agreement shall commence on December 14, 2022 and shall remain and continue in effect until the services and tasks set forth in Consultant's Proposal (the "Proposal") have been completed, unless sooner terminated pursuant to the provisions of this Agreement.

## 2. SERVICES

Consultant shall perform the tasks described in and comply with all terms and provisions set forth in Consultant's Proposal for Rehabilitation of Mission Hills CSD's Water Storage Tanks dated July 7, 2021, which Proposal is attached hereto as Exhibit "A," and incorporated herein by this reference.

## 3. **PERFORMANCE**

Consultant shall at all times faithfully, competently and to the best of his/her ability, experience and talent, perform all tasks described herein. Consultant shall employ, at a minimum generally accepted standards and practices utilized by persons engaged in providing similar services as are required of Consultant hereunder in meeting its obligations under this Agreement.

## 4. AGREEMENT ADMINISTRATION

District's General Manager, Jerry Gruber, shall represent District in all matters pertaining to the administration of this Agreement. William Bellis shall represent Consultant in all matters pertaining to the administration of this Agreement.

### 5. **PAYMENT**

The District agrees to pay the Consultant an amount not to exceed \$56,627 for its service in accordance with the payment rates and terms set forth in Exhibit "A," in monthly progress payments based on time spent on each task.

## 6. SUSPENSION OR TERMINATION OF AGREEMENT WITHOUT CAUSE

(a) The District may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon the Consultant at least ten (10) days prior written notice. Upon receipt of said notice, the Consultant shall immediately cease all work under this Agreement, unless the notice provides otherwise. If the District suspends or terminates a portion of this Agreement such suspension or termination shall not make void or invalidate the remainder of this Agreement.

(b) In the event this Agreement is terminated pursuant to this Section, the District shall pay to Consultant the actual value of the work performed up to the time of termination, provided that the work performed is of value to the District. Upon termination of the Agreement pursuant to this Section, the Consultant will submit an invoice to the District pursuant to Section 5.

## 7. TERMINATION ON OCCURRENCE OF STATED EVENTS

This Agreement shall terminate automatically on the occurrence of any of the following events:

- (a) Bankruptcy or insolvency of any party;
- (b) Sale of Consultant's business;
- (c) Assignment of this Agreement by Consultant without the consent of District; or
- (d) End of the Agreement term specified in Section 1.

## 8. **DEFAULT OF CONSULTANT**

(a) The Consultant's failure to comply with the provisions of this Agreement shall constitute a default. In the event that Consultant is in default for cause under the terms of this Agreement, District shall have no obligation or duty to continue compensating Consultant for any work performed after the date of default and can terminate this Agreement immediately by written notice to the Consultant. If such failure by the Consultant to make progress in the performance of work hereunder arises out of causes beyond the Consultant's control, and without fault or negligence of the Consultant, it shall not be considered a default.

(b) If the District Manager or his/her delegate determines that the Consultant is in default in the performance of any of the terms or conditions of this Agreement, he/she shall cause to be served upon the Consultant a written notice of the default. The Consultant shall have ten (10) days after service upon it of said notice in which to cure the default by rendering a satisfactory performance. In the event that the Consultant fails to cure its default within such period of time, the District shall have the right, notwithstanding any other provision of this Agreement to terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

## 9. **LAWS TO BE OBSERVED**. Consultant shall:

(a) Procure all permits and licenses, pay all charges and fees, and give all notices which may be necessary and incidental to the due and lawful prosecution of the services to be performed by Consultant under this Agreement;

(b) Keep itself fully informed of all existing and proposed federal, state and local laws, ordinances, regulations, orders, and decrees which may affect those engaged or employed under this Agreement, any materials used in Consultant's performance under this Agreement, or the conduct of the services under this Agreement;

(c) At all times observe and comply with, and cause all of its employees to observe and comply with all of said laws, ordinances, regulations, orders, and decrees mentioned above;

(d) Immediately report to the District's General Manager in writing any discrepancy or inconsistency it discovers in said laws, ordinances, regulations, orders, and decrees mentioned above in relation to any plans, drawings, specifications, or provisions of this Agreement; and

(e) The District, and its officers, agents and employees, shall not be liable at law or in equity occasioned by failure of the Consultant to comply with this Section.

## 10. OWNERSHIP OF DOCUMENTS

(a) Consultant shall maintain complete and accurate records with respect to sales, costs, expenses, receipts, and other such information required by District that relate to the performance of services under this Agreement. Consultant shall maintain adequate records of services provided in sufficient detail to permit an evaluation of services. All such records shall be maintained in accordance with generally accepted accounting principles and shall be clearly identified and readily accessible. Consultant shall provide free access to the representatives of District or its designees at reasonable times to such books and records; shall give District the right to examine and audit said books and records; shall permit District to make transcripts therefrom as necessary; and shall allow inspection of all work, data, documents, proceedings, and activities related to this Agreement. Such records, together with supporting documents, shall be maintained for a period of three (3) years after receipt of final payment.

(b) Upon completion of, or in the event of termination or suspension of this Agreement, all original documents, designs, drawings, maps, models, computer files, surveys, notes, and other documents prepared in the course of providing the services to

be performed pursuant to this Agreement shall become the sole property of the District and may be used, reused, or otherwise disposed of by the District without the permission of the Consultant. With respect to computer files, Consultant shall make available to the District, at the Consultant's office and upon reasonable written request by the District, the necessary computer software and hardware for purposes of accessing, compiling, transferring, and printing computer files.

## 11. **INDEMNIFICATION**

(a) <u>Indemnification for Professional Liability</u>. When the law establishes a professional standard of care for Consultant's Services, to the fullest extent permitted by law, Consultant shall indemnify, protect, defend and hold harmless District and any and all of its officials, employees and agents ("Indemnified Parties") from and against any and all losses, liabilities, damages, costs and expenses, including attorney's fees and costs to the extent same are caused in whole or in part by any negligent or wrongful act, error or omission of Consultant, its officers, agents, employees or subcontractors (or any entity or individual that Consultant shall bear the legal liability thereof) in the performance of professional services under this agreement.

(b) Indemnification for Other Than Professional Liability. Other than in the performance of professional services and to the full extent permitted by law, Consultant shall indemnify, defend and hold harmless District, and any and all of its employees, officials and agents from and against any liability (including liability for claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses or costs of any kind, whether actual, alleged or threatened, including attorneys fees and costs, court costs, interest, defense costs, and expert witness fees), where the same arise out of, are a consequence of, or are in any way attributable to, in whole or in part, the performance of this Agreement by Consultant or by any individual or entity for which Consultant is legally liable, including but not limited to officers, agents, employees or subcontractors of Consultant.

(c) <u>General Indemnification Provisions</u>. Consultant agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this section from each and every subcontractor or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this agreement. In the event Consultant fails to obtain such indemnity obligations from others as required here, Consultant agrees to be fully responsible according to the terms of this section. Failure of District to monitor compliance with these requirements imposes no additional obligations on District and will in no way act as a waiver of any rights hereunder. This obligation to indemnify and defend District as set forth here is binding on the successors, assigns or heirs of Consultant and shall survive the termination of this agreement or this section.

(d) <u>Indemnification for Design Professional Services.</u> Notwithstanding anything herein to the contrary, to the fullest extent permitted by law for all design professional services arising under this Agreement, Consultant shall indemnify, protect, defend and hold harmless District and any and all of its officials, employees and agents

("Indemnified Parties") from and against any and all losses, liabilities, damages, costs and expenses, including attorney's fees and costs which arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant.

## 12. **INSURANCE**

Consultant shall maintain prior to the beginning of and for the duration of this Agreement insurance coverage as specified in Exhibit "B," attached hereto and incorporated herein as though set forth in full.

## 13. **INDEPENDENT CONSULTANT**

(a) Consultant is and shall at all times remain as to the District a wholly independent Consultant. The personnel performing the services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Neither District nor any of its officers, employees, or agents shall have control over the conduct of Consultant or any of Consultant's officers, employees, or agents, except as set forth in this Agreement. Consultant shall not at any time or in any manner represent that it or any of its officers, employees, or agents are in any manner officers, employees, or agents of the District. Consultant shall not incur or have the power to incur any debt, obligation, or liability whatever against District, or bind District in any manner.

(b) No employee benefits shall be available to Consultant in connection with performance of this Agreement. Except for the fees paid to Consultant as provided in the Agreement, District shall not pay salaries, wages, or other compensation to Consultant for performing services hereunder for District. District shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing services hereunder.

## 14. UNDUE INFLUENCE

Consultant declares and warrants that no undue influence or pressure was or is used against or in concert with any officer or employee of the Mission Hills Community Services District in connection with the award, terms or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of the Mission Hills Community Services District will receive compensation, directly or indirectly, from Consultant, or from any officer, employee or agent of Consultant, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement. Violation of this Section shall be a material breach of this Agreement entitling the District to any and all remedies at law or in equity.

## 15. NO BENEFIT TO ARISE TO LOCAL EMPLOYEES

No member, officer, or employee of District, or their designees or agents, and no public official who exercises authority over or responsibilities with respect to the project during his/her tenure or for one year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for work to be performed in connection with the project performed under this Agreement.

## 16. RELEASE OF INFORMATION/CONFLICTS OF INTEREST

(a) All information gained by Consultant in performance of this Agreement shall be considered confidential and shall not be released by Consultant without District's prior written authorization. Consultant, its officers, employees, agents, or subcontractors, shall not without written authorization from the General Manager or unless requested by the District Counsel, voluntarily provide declarations, letters of support, testimony at depositions, response to interrogatories, or other information concerning the work performed under this Agreement or relating to any project or property located within the District. Response to a subpoena or court order shall not be considered "voluntary" provided Consultant gives District notice of such court order or subpoena.

(b) Consultant shall promptly notify District should Consultant, its officers, employees, agents, or subContractors be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions, or other discovery request, court order, or subpoena from any person or party regarding this Agreement and the work performed thereunder or with respect to any project or property located within the District. District retains the right, but has no obligation, to represent Consultant and/or be present at any deposition, hearing, or similar proceeding. Consultant agrees to cooperate fully with District and to provide the opportunity to review any response to discovery requests provided by Consultant. However, District's right to review any such response does not imply or mean the right by District to control, direct, or rewrite said response.

## 17. **NOTICES**

Any notice which either party may desire to give to the other party under this Agreement must be in writing and may be given either by (i) personal service, (ii) delivery by a reputable document delivery service, such as but not limited to, Federal Express, which provides a receipt showing date and time of delivery, or (iii) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, addressed to the address of the party as set forth below or at any other address as that party may later designate by notice:

To District:	Jerry Gruber, General Manager Mission Hills Community Services District 1550 Burton Mesa Blvd Lompoc, CA 93436
Copy to:	Timothy J. Carmel Carmel & Naccasha, LLP 694 Santa Rosa Street San Luis Obispo, CA 93401
To Consultant:	Advantage Technical Services, Inc. 6661 Fern Canyon Road San Luis Obispo, CA 93401

## 18. ASSIGNMENT

The Consultant shall not assign the performance of this Agreement, nor any part thereof, without the prior written consent of the District.

## 19. GOVERNING LAW

The District and Consultant understand and agree that the laws of the State of California shall govern the rights, obligations, duties, and liabilities of the parties to this Agreement and also govern the interpretation of this Agreement. Any litigation concerning this Agreement shall take place in the superior or federal district court with jurisdiction over the Mission Hills Community Services District.

## 20. ENTIRE AGREEMENT

This Agreement contains the entire understanding between the parties relating to the obligations of the parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations, and statements, or written, are merged into this Agreement and shall be of no further force or effect. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

## 21. <u>TIME</u>

District and Consultant agree that time is of the essence in this Agreement.

## 22. CONTENTS OF PROPOSAL

Consultant is bound by the contents of the Proposal submitted by the Consultant, Exhibit "A," attached hereto and previously incorporated herein.

#### 23. CONSTRUCTION

The parties agree that each has had an opportunity to have their counsel review this Agreement and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in the interpretation of this Agreement or any amendments or exhibits thereto. The captions of the sections are for convenience and reference only, and are not intended to be construed to define or limit the provisions to which they relate.

#### 24. AMENDMENTS

Amendments to this Agreement shall be in writing and shall be made only with the mutual written consent of all of the parties to this Agreement.

#### 25 **AUTHORITY TO EXECUTE THIS AGREEMENT**

The person or persons executing this Agreement on behalf of Consultant warrants and represents that he/she has the authority to execute this Agreement on behalf of the Consultant and has the authority to bind Consultant to the performance of its obligations hereunder.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

### MISSION HILLS COMMUNITY SERVICES DISTRICT

## ADVANTAGE TECHNICAL SERVICES, INC.

By:

\_\_\_\_\_ Jerry Gruber, General Manager

By:\_

r:\_\_\_\_\_ William D. Bellis, Principal

ATTEST:

Lupe Huitron, Board Secretary

Approved As To Form:

Timothy J. Carmel, District Counsel

## <u>EXHIBIT A</u>

## CONSULTANT'S PROPOSAL AND FEE ESTIMATE

## EXHIBIT B

### **INSURANCE REQUIREMENTS**

Prior to the beginning of and throughout the duration of the Work, Consultant will maintain insurance in conformance with the requirements set forth below. Consultant will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth here, Consultant agrees to amend, supplement or endorse the existing coverage to do so. Consultant acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to District in excess of the limits and coverage required in this agreement and which is applicable to a given loss, will be available to District.

#### Consultant shall provide the following types and amounts of insurance:

Commercial General Liability Insurance using Insurance Services Office "Commercial General Liability" policy from CG 00 01 or the equivalent. Defense costs must be paid in addition to limits. There shall be no cross liability exclusion for claims or suits by one insured against another. Limits are subject to review but in no event less than \$1,000,000 per occurrence.

Business Auto Coverage on ISO Business Auto Coverage from CA 00 01 including symbol 1 (Any Auto) or the equivalent. Limits are subject to review, but in no event to be less than \$1,000,000 per accident. If Consultant owns no vehicles, this requirement may be satisfied by a non-owned auto endorsement to the general liability policy described above. If Consultant or Consultant's employees will use personal autos in any way on this project, Consultant shall provide evidence of personal auto liability coverage for each such person.

Workers Compensation on a state-approved policy form providing statutory benefits as required by law with employer's liability limits no less than \$1,000,000 per accident or disease.

Professional Liability or Errors and Omissions Insurance as appropriate shall be written on a policy form coverage specifically designated to protect against acts, errors or omissions of the Consultant and "Covered Professional Services" as designated in the policy must specifically include work performed under this agreement. The policy limit shall be no less than \$1,000,000 per claim and in the aggregate. The policy must "pay on behalf of" the insured and must include a provision establishing the insurer's duty to defend the insured. The policy retroactive date shall be on or before the effective date of this agreement. Insurance procured pursuant to these requirements shall be written by insurer that are admitted carriers in the state California and with an A.M. Bests rating of A- or better and a minimum financial size VII.

General conditions pertaining to provision of insurance coverage by Consultant. Consultant and District agree to the following with respect to insurance provided by Consultant:

1. Consultant agrees to have its insurer endorse the third party general liability coverage required herein to include as additional insureds District, its officials employees and agents, using standard ISO endorsement No. CG 2010 with an edition prior to 1992 or current equivalent. Consultant also agrees to require all consultants, and subcontractors to do likewise.

2. No liability insurance coverage provided to comply with this Agreement shall prohibit Consultant, or Consultant's employees, or agents, from waiving the right of subrogation prior to a loss. Consultant agrees to waive subrogation rights against District regardless of the applicability of any insurance proceeds, and to require all Consultants and subcontractors to do likewise.

3. All insurance coverage and limits provided by Consultant and available or applicable to this agreement are intended to apply to the full extent of the policies. Nothing contained in this Agreement or any other agreement relating to the District or its operations limits the application of such insurance coverage.

4. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to District and approved of in writing.

5. No liability policy shall contain any provision or definition that would serve to eliminate so-called "third party action over" claims, including any exclusion for bodily injury to an employee of the insured or of any Consultant or subcontractor.

6. All coverage types and limits required are subject to approval, modification and additional requirements by the District, as the need arises. Consultant shall not make any reductions in scope of coverage (e.g. elimination of contractual liability or reduction of discovery period) that may affect District's protection without District's prior written consent.

7. Proof of compliance with these insurance requirements, consisting of certificates of insurance evidencing all of the coverages required and an additional insured endorsement to Consultant's general liability policy, shall be delivered to District at or prior to the execution of this Agreement. In the event such proof of any insurance is not delivered as required, or in the event such insurance is canceled at any time and no replacement coverage is provided, District has the right, but not the duty, to obtain any insurance it deems necessary to protect its interests under this or any other

agreement and to pay the premium. Any premium so paid by District shall be charged to and promptly paid by Consultant or deducted from sums due Consultant, at District option.

8. Certificate(s) are to reflect that the insurer will provide 30 days notice to District of any cancellation of coverage. Consultant agrees to require its insurer to modify such certificates to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, or that any party will "endeavor" (as opposed to being required) to comply with the requirements of the certificate.

9. It is acknowledged by the parties of this agreement that all insurance coverage required to be provided by Consultant or any subcontractor, is intended to apply first and on a primary, noncontributing basis in relation to any other insurance or self insurance available to District.

10. Consultant agrees to ensure that subcontractors, and any other party involved with the project that is brought onto or involved in the project by Consultant, provide the same minimum insurance coverage required of Consultant. Consultant agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Consultant agrees that upon request, all agreements with subcontractors and others engaged in the project will be submitted to District for review.

11. Consultant agrees not to self-insure or to use any self-insured retentions or deductibles on any portion of the insurance required herein and further agrees that it will not allow any Consultant, subcontractor, Architect, Engineer or other entity or person in any way involved in the performance of work on the project contemplated by this agreement to self-insure its obligations to District. If Consultant's existing coverage includes a deductible or self-insured retention, the deductible or self-insured retention must be declared to the District. At the time the District shall review options with the Consultant, which may include reduction or elimination of the deductible or self-insured retention, substitution of other coverage, or other solutions.

12. The District reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Consultant ninety (90) days advance written notice of such change. If such change results in substantial additional cost to the Consultant, the District will negotiate additional compensation proportional to the increase benefit to District.

13. For purposes of applying insurance coverage only, this Agreement will be deemed to have been executed immediately upon any party hereto taking any steps that can be deemed to be in furtherance of or towards performance of this Agreement.

14. Consultant acknowledges and agrees that any actual or alleged failure on the part of District to inform Consultant of non-compliance with any insurance requirements in no way imposes any additional obligations on District nor does it waive any rights hereunder in this or any other regard.

15. Consultant will renew the required coverage annually as long as District, or its employees or agents face an exposure from operations of any type pursuant to this agreement. This obligation applies whether or not the agreement is canceled or terminated for any reason. Termination of this obligation is not effective until District executes a written statement to that effect.

16. Consultant shall provide proof that policies of insurance required herein expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Proof that such coverage has been ordered shall be submitted prior to expiration. A coverage binder or letter from Consultant's insurance agent to this effect is acceptable. A certificate of insurance and/or additional insured endorsement as required in these specifications applicable to the renewing or new coverage must be provided to District within five days of the expiration of the coverages.

17. The provisions of any workers' compensation or similar act will not limit the obligations of Consultant under this agreement. Consultant expressly agrees not to use any statutory immunity defenses under such laws with respect to District, its employees, officials and agents.

18. Requirements of specific coverage features or limits contained in this section are not intended as limitations on coverage, limits or other requirements nor as a waiver of any coverage normally provided by any given policy. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue, and is not intended by any party or insured to be limiting or all-inclusive.

19. These insurance requirements are intended to be separate and distinct from any other provision in this Agreement and are intended by the parties here to be interpreted as such.

20. The requirements in this Section supersede all other sections and provisions of this Agreement to the extent that any other section or provision conflicts with or impairs the provisions of this Section.

21. Consultant agrees to be responsible for ensuring that no contract used by any party involved in any way with the project reserves the right to charge District or Consultant for the cost of additional insurance coverage required by this agreement. Any such provisions are to be deleted with reference to District. It is not the intent of District to reimburse any third party for the cost of complying with these requirements. There shall be no recourse against District for payment of premiums or other amounts with respect thereto. 22. Consultant agrees to provide immediate notice to District of any claim or loss against Consultant arising out of the work performed under this agreement. District assumes no obligation or liability by such notice, but has the right (but not the duty) to monitor the handling of any such claim or claims if they are likely to involve District.



## MISSION HILLS COMMUNITY SERVICES DISTRICT

### MEMORANDUM

**TO:** Mission Hills Community Services District Board of Directors

**FROM:** Brad Hagemann, General Manager

DATE: December 14, 2022.

**SUBJECT:** Discuss and Consider Commercial Solar Proposal from Watthub for Providing Solar Power Generation Equipment to the District

### **Recommendation:**

Staff recommends that the Board of Directors Discuss and Consider the attached Commercial Solar Proposal and Provide Direction to Staff

### Fiscal Impact:

The District's FY 2022/2023 Budget does not currently include funding for the purchase of commercial solar equipment. The Proposal includes two funding options, a Power Purchase Agreement (PPA) and a cash purchase option. Please refer to pages 35 and 36 of the Proposal for the details of the two funding options.

### **Discussion:**

The Mission Hills Community Services District Board of Directors and specifically the Energy Committee have been periodically considering the benefits and cost effectiveness of adding solar power generation and batteries to run District facilities. In October 2022, Past President, Bruce Nix provided staff a contact from Watthub and requested staff reach out Watthub and obtain a proposal for providing commercial solar power facilities to the District.

On November 15, 2022, Mr. Chris Leonard from Watthub provided an updated proposal to provide commercial solar power for the District. Staff and th Energy Committee provided a brief overview of the Proposal at the November 16, 2022, Board meeting. The Board directed staff to bring the item back for further consideration at the December 2022, Board meeting.

Attachments:

1) October 20, 2022, Commercial Solar Power Proposal from Watthub (updated on November 15, 2022).



# Commercial Solar Proposal

# Watthub Renewables

# Prepared For

Name Bruce Nix

Organization

Mission Hills Water District

Scottsdale, AZ | Lehi, UT www.watthub.com

Proposal Date: 10/20/2022 Proposal

Proud Partner Of



STORZ POWER

# Table of Contents

1	Total Energy Data	·-·· 4
2	Acct #0131330459 - Office	5
	2.1 Rebates and Incentives	6
	2.2 Utility Rates	7
	2.3 Current Electric Bill	8
	2.4 New Electric Bill	9
3	Acct #9766697488 - 1500 W.W.Plant	<del>.</del> 10
	3.1 Rebates and Incentives	- 11
	3.2 Utility Rates	
	3.3 Current Electric Bill	- 13
	3.4 New Electric Bill	- 14
4	Acct #9547934986 - 1525 Shop	- 15
	4.1 Rebates and Incentives	<del></del> 16
	4.2 Utility Rates	
	4.3 Current Electric Bill ·····	18
	4.4 New Electric Bill	- 19
5	Acct #4308391622 - 1199 Purisima Rd ·····	20
	5.1 Rebates and Incentives	<del>.</del> 21

	5.2 Utility Rates	22
	5.3 Current Electric Bill	23
	5.4 New Electric Bill	24
6	Acct #2182585907 - Well 7	- 25
	6.1 Rebates and Incentives	26
	6.2 Utility Rates	27
	6.3 Current Electric Bill ·····	28
	6.4 New Electric Bill	29
7	Acct #0172997123 - 1525 Well 5	30
	7.1 Rebates and Incentives	31
	7.2 Utility Rates	32
	7.3 Current Electric Bill ·····	33
	7.4 New Electric Bill	34
8	PPA - \$0.185 ·····	35
9	Cash Purchase	36
1(	) PPA - \$0.185	- 37
1	Cash Purchase	40
12	2 THANK YOU	43

# 1 Total Energy Data

## **Total Energy Usage**

Annual Consumption	646,404 kWh
Average Monthly Consumption	53,867 kWh
Average Monthly Cost	\$14,721.85
Average Blended Cost per kWh	\$0.273 /kWh
Total Annual Bill Cost	\$176,649

## Total PV System Summary

Total System PV Rating	368.6 kW-DC 329.3 kW-AC
Total Year 1 Generation	646,460 kWh
Total Energy Offset	100.0%
Solar Savings per kWh	\$0.232 /kWh
Total Electric Bill Savings Year 1	\$150,020

## Solar Panel Layout



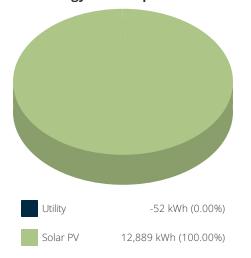
# 2 Acct #0131330459 - Office

## **Meter Information**

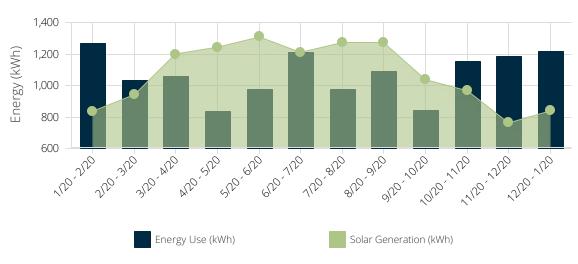
Address	1550 Burton Mesa Blvd, Lompoc, CA
Consumption	12,837 kWh
Annual Cost	\$4,152
Solar PV Equipment	7.50 kW-DC Premium Modules
Panel Warranty	25 Year Performance Warranty

## **Solar PV System Cost and Incentives**

Net Solar PV System Cost	\$19,688
Direct pay - 30% ITC	-\$8,438
Solar PV System Cost	\$28,125



#### **Energy Consumption Mix**



#### Monthly Energy Use vs Solar Generation

## 2.1 Rebates and Incentives

## Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

## **Total Incentive Value: \$8,438**



# 2.2 Utility Rates

Current Rate Schedule: Pacific Gas & Electric, B-6

	Custome	r Charges		Energy Charges					
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6		
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.3097		
W2	Flat Rate	per day	\$0.82	W1	On Peak	Export	\$0.2869		
S	Flat Rate	per day	\$0.82	W1	On Peak	NBC	\$0.0228		
				W1	Off Peak	Import	\$0.2661		
				W1	Off Peak	Export	\$0.2433		
				W1	Off Peak	NBC	\$0.0228		
				W2	On Peak	Import	\$0.3097		
				W2	On Peak	Export	\$0.2869		
				W2	On Peak	NBC	\$0.0228		
				W2	Off Peak	Import	\$0.2661		
				W2	Off Peak	Export	\$0.2433		
				W2	Off Peak	NBC	\$0.0228		
				W2	Super Off Peak	Import	\$0.23002		
				W2	Super Off Peak	Export	\$0.20722		
				W2	Super Off Peak	NBC	\$0.0228		
				S	On Peak	Import	\$0.55639		
				S	On Peak	Export	\$0.53359		
				S	On Peak	NBC	\$0.0228		
				S	Off Peak	Import	\$0.29876		
				S	Off Peak	Export	\$0.27596		
				S	Off Peak	NBC	\$0.0228		

## 2.3 Current Electric Bill

Time Periods		Energy Use	(kWh)		С	harges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/20/2022 - 2/20/2022 W1	241	1,026	-	\$25	\$29	\$319	\$373
2/20/2022 - 3/20/2022 W1 / W2	197	675	163	\$23	\$24	\$255	\$301
3/20/2022 - 4/20/2022 W2	193	608	258	\$25	\$24	\$257	\$306
4/20/2022 - 5/20/2022 W2	153	487	194	\$25	\$19	\$203	\$246
5/20/2022 - 6/20/2022 W2 / S	227	662	87	\$25	\$22	\$297	\$345
6/20/2022 - 7/20/2022 S	310	903	-	\$25	\$28	\$415	\$467
7/20/2022 - 8/20/2022 S	209	765	-	\$25	\$22	\$323	\$370
8/20/2022 - 9/20/2022 S	243	846	-	\$25	\$25	\$363	\$413
9/20/2022 - 10/20/2022 S / W1	162	677	-	\$25	\$19	\$233	\$277
10/20/2021 - 11/20/2021 W1	233	920	-	\$25	\$26	\$291	\$342
11/20/2021 - 12/20/2021 W1	238	948	-	\$25	\$27	\$299	\$351
12/20/2021 - 1/20/2022 W1	240	975	-	\$25	\$28	\$306	\$359
Total	2,646	9,492	702	\$300	\$293	\$3,559	\$4,152

### 2.4 New Electric Bill

The table below details a simulation of your post solar electric bill. This table factors any rate schedule changes that may occur as detailed above.

Time Periods		Energy Use	(kWh)		Ch	arges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/20/2022 - 2/20/2022 W1	215	216	-	\$25	\$19	\$114	\$158
2/20/2022 - 3/20/2022 W1 / W2	137	216	-262	\$23	\$14	\$38	\$75
3/20/2022 - 4/20/2022 W2	52	249	-443	\$25	\$13	\$16	\$22
4/20/2022 - 5/20/2022 W2	5	109	-522	\$25	\$10	\$80	\$46
5/20/2022 - 6/20/2022 W2 / S	66	-212	-186	\$25	\$11	\$67	\$31
6/20/2022 - 7/20/2022 S	148	-146	-	\$25	\$14	\$39	\$78
7/20/2022 - 8/20/2022 S	47	-346	-	\$25	\$11	\$71	\$34
8/20/2022 - 9/20/2022 S	108	-292	-	\$25	\$13	\$23	\$15
9/20/2022 - 10/20/2022 S / W1	78	-276	-	\$25	\$11	\$42	\$7
10/20/2021 - 11/20/2021 W1	194	-8	-	\$25	\$16	\$54	\$96
11/20/2021 - 12/20/2021 W1	229	195	-	\$25	\$18	\$113	\$15
12/20/2021 - 1/20/2022 W1	224	153	-	\$25	\$18	\$101	\$14
Total	1,503	-142	-1,413	\$300	\$168	\$159	\$62

### New Electric Bill Savings: \$3,525

## 3 Acct #9766697488 - 1500 W.W.Plant

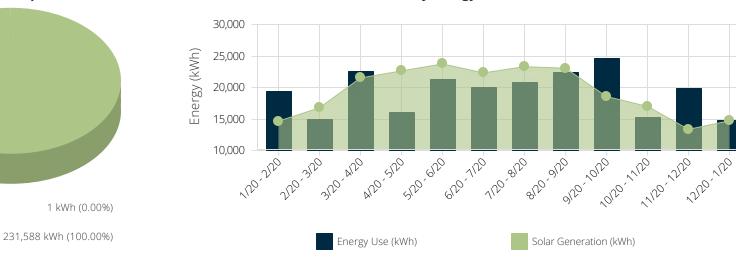
### **Meter Information**

**Energy Consumption Mix** 

Address	1500 Burton Mesa Blvd, Lompoc, CA
Consumption	231,589 kWh
Annual Cost	\$55,534
Solar PV Equipment	126.7 kW-DC Premium Modules
Panel Warranty	25 Year Performance Warranty

### **Solar PV System Cost and Incentives**

Net Solar PV System Cost	\$310,513
Direct pay - 30% ITC	-\$133,077
Solar PV System Cost	\$443,590



#### Monthly Energy Use vs Solar Generation

Utility

Solar PV

### 3.1 Rebates and Incentives

#### Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

#### Total Incentive Value: \$133,077

## 3.2 Utility Rates

Current Rate Schedule: Pacific Gas & Electric, B-19 Option S

	Cus	stomer Charges			Energy	y Charges			Demar	nd Charges	
Season	Charge Type	Rate Type	B-19 Option S	Season	Charge Type	Rate Type	B-19 Option S	Season	Charge Type	Rate Type	B-19 Option S
<i>N</i> 1	Flat Rate	per day	\$6.42	W1	On Peak	Import	\$0.18962	W1	Flat Rate	Import	\$11.06
N2	Flat Rate	per day	\$6.42	W1	On Peak	Export	\$0.16726	W1	Flat Rate	Export	\$11.06
S	Flat Rate	per day	\$6.42	W1	On Peak	NBC	\$0.02236	W2	Flat Rate	Import	\$11.06
				W1	Off Peak	Import	\$0.1473	W2	Flat Rate	Export	\$11.06
				W1	Off Peak	Export	\$0.12494	S	Flat Rate	Import	\$11.06
				W1	Off Peak	NBC	\$0.02236	S	Flat Rate	Export	\$11.06
				W1	Max TOU Demand	Export	-	W1	On Peak	Import	\$0.54
				W2	On Peak	Import	\$0.18962	W1	On Peak	Export	\$0.54
				W2	On Peak	Export	\$0.16726	W1	Off Peak	Export	-
				W2	On Peak	NBC	\$0.02236	W1	Max TOU Demand	Export	-
				W2	Off Peak	Import	\$0.1473	W2	On Peak	Import	\$0.54
				W2	Off Peak	Export	\$0.12494	W2	On Peak	Export	\$0.54
				W2	Off Peak	NBC	\$0.02236	W2	Off Peak	Export	-
				W2	Super Off Peak	Import	\$0.11148	W2	Super Off Peak	Export	-
				W2	Super Off Peak	Export	\$0.08912	W2	Max TOU Demand	Export	-
				W2	Super Off Peak	NBC	\$0.02236	S	On Peak	Import	\$0.62
				W2	Max TOU Demand	Export	-	S	On Peak	Export	\$0.62
				S	On Peak	Import	\$0.40943	S	Part Peak	Import	\$0.05
				S	On Peak	Export	\$0.38707	S	Part Peak	Export	\$0.05
				S	On Peak	NBC	\$0.02236	S	Off Peak	Export	-
				S	Part Peak	Import	\$0.22559	S	Max TOU Demand	Export	-
				S	Part Peak	Export	\$0.20323	W1	On Peak	Export	-
				S	Part Peak	NBC	\$0.02236	W1	Off Peak	Export	-
				S	Off Peak	Import	\$0.16512	W1	Max TOU Demand	Import	\$3.04
				S	Off Peak	Export	\$0.14276	W1	Max TOU Demand	Export	\$3.04
				S	Off Peak	NBC	\$0.02236	W2	On Peak	Export	-
				S	Max TOU Demand	Export	-	W2	Off Peak	Export	-
								W2	Super Off Peak	Export	-
								W2	Max TOU Demand	Import	\$3.04
								W2	Max TOU Demand	Export	\$3.04
								S	On Peak	Export	-
								S	Part Peak	Export	-
								S	Off Peak	Export	-
								S	Max TOU Demand	Import	\$3.04
								S	Max TOU Demand	Export	\$3.04

## 3.3 Current Electric Bill

Time Periods		Energ	yy Use (kWh	1)		Max	Comand (k	W)			Charge	es	
Bill Ranges & Seasons	On Peak	Part Peak	Off Peak	Super Off Peak	NC / Max	On Peak	Part Peak	Max TOU Demand	Other	NBC	Energy	Demand	Total
1/20/2022 - 2/20/2022 W1	4,024	-	15,299	-	40	37	-	40	\$199	\$432	\$2,585	\$1,019	\$4,235
2/20/2022 - 3/20/2022 W1 / W2	3,138	-	9,561	2,205	41	41	-	41	\$180	\$333	\$1,916	\$723	\$3,152
3/20/2022 - 4/20/2022 W2	4,643	-	13,228	4,741	41	41	-	41	\$199	\$506	\$2,852	\$1,094	\$4,651
4/20/2022 - 5/20/2022 W2	3,281	-	9,408	3,290	42	40	-	42	\$193	\$357	\$2,017	\$960	\$3,527
5/20/2022 - 6/20/2022 W2 / S	4,436	1,963	12,843	1,993	42	41	38	42	\$199	\$475	\$3,589	\$852	\$5,115
6/20/2022 - 7/20/2022 S	4,086	3,261	12,717	-	42	41	42	42	\$193	\$449	\$4,060	\$1,155	\$5,856
7/20/2022 - 8/20/2022 S	4,190	3,369	13,170	-	41	36	36	41	\$199	\$464	\$4,187	\$1,156	\$6,006
8/20/2022 - 9/20/2022 S	4,402	3,686	14,295	-	42	41	42	42	\$199	\$500	\$4,494	\$1,218	\$6,412
9/20/2022 - 10/20/2022 S / W1	4,619	1,375	18,588	-	42	37	41	42	\$193	\$550	\$3,843	\$885	\$5,470
10/20/2021 - 11/20/2021 W1	3,019	-	12,194	-	33	27	-	33	\$199	\$340	\$2,028	\$807	\$3,374
11/20/2021 - 12/20/2021 W1	4,059	-	15,766	-	43	41	-	43	\$193	\$443	\$2,649	\$1,081	\$4,366
12/20/2021 - 1/20/2022 W1	3,128	-	11,611	-	35	35	-	35	\$199	\$330	\$1,974	\$868	\$3,370
Total	47,025	13,654	158,680	12,229	-	-	-	-	\$2,343	\$5,178	\$36,193	\$11,819	\$55,534

## 3.4 New Electric Bill

The table below details a simulation of your post solar electric bill. This table factors any rate schedule changes that may occur as detailed above.

Time Periods		Energ	yy Use (kWh	1)		Max	c Demand (k	W)			Charge	es	
Bill Ranges & Seasons	On Peak	Part Peak	Off Peak	Super Off Peak	NC / Max	On Peak	Part Peak	Max TOU Demand	Other	NBC	Energy	Demand	Total
1/20/2022 - 2/20/2022 W1	3,271	-	1,405	-	37	37	-	37	\$199	\$281	\$723	\$972	\$2,174
2/20/2022 - 3/20/2022 W1 / W2	1,509	-	1,538	-4,914	41	41	-	41	\$180	\$199	\$6	\$715	\$1,101
3/20/2022 - 4/20/2022 W2	1,038	-	6,885	-6,824	41	40	-	41	\$199	\$297	\$426	\$1,085	\$2,007
4/20/2022 - 5/20/2022 W2	-680	-	2,723	-8,692	42	40	-	42	\$193	\$192	\$548	\$952	\$789
5/20/2022 - 6/20/2022 W2 / S	179	-1,604	1,574	-2,649	42	41	32	42	\$199	\$255	\$433	\$791	\$811
6/20/2022 - 7/20/2022 S	-244	-2,219	214	-	42	40	41	42	\$193	\$251	\$514	\$1,145	\$1,075
7/20/2022 - 8/20/2022 S	-144	-2,208	-216	-	40	36	36	40	\$199	\$259	\$536	\$1,133	\$1,055
8/20/2022 - 9/20/2022 S	719	-1,937	545	-	42	36	42	42	\$199	\$290	\$38	\$1,191	\$1,642
9/20/2022 - 10/20/2022 S / W1	2,224	-338	4,135	-	42	37	41	42	\$193	\$340	\$1,005	\$881	\$2,419
10/20/2021 - 11/20/2021 W1	1,838	-	-3,621	-	33	26	-	33	\$199	\$212	\$145	\$800	\$1,066
11/20/2021 - 12/20/2021 W1	3,720	-	2,752	-	41	41	-	41	\$193	\$296	\$966	\$1,047	\$2,501
12/20/2021 - 1/20/2022 W1	2,551	-	-2,523	-	35	35	-	35	\$199	\$217	\$111	\$867	\$1,394
Total	15,981	-8,306	15,411	-23,079	-	-	-	-	\$2,343	\$3,090	\$1,022	\$11,578	\$18,033

### New Electric Bill Savings: \$37,501

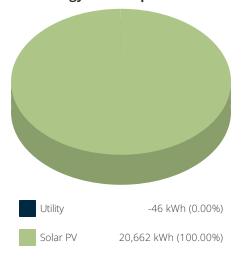
## 4 Acct #9547934986 - 1525 Shop

### **Meter Information**

Address	1525 Burton Mesa Blvd, Lompoc, CA
Consumption	20,616 kWh
Annual Cost	\$6,470
Solar PV Equipment	12.4 kW-DC Premium Modules
Panel Warranty	25 Year Performance Warranty

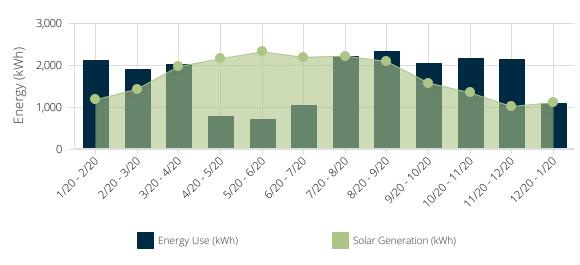
### **Solar PV System Cost and Incentives**

Net Solar PV System Cost	\$34,720
Direct pay - 30% ITC	-\$14,880
Solar PV System Cost	\$49,600



Watthub

#### **Energy Consumption Mix**



Monthly Energy Use vs Solar Generation

### 4.1 Rebates and Incentives

#### Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

#### **Total Incentive Value: \$14,880**

## 4.2 Utility Rates

Current Rate Schedule: Pacific Gas & Electric, B-6

	Custome	r Charges		Energy Charges						
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6			
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.3097			
W2	Flat Rate	per day	\$0.82	W1	On Peak	Export	\$0.2869			
S	Flat Rate	per day	\$0.82	W1	On Peak	NBC	\$0.0228			
				W1	Off Peak	Import	\$0.2661			
				W1	Off Peak	Export	\$0.2433			
				W1	Off Peak	NBC	\$0.0228			
				W2	On Peak	Import	\$0.3097			
				W2	On Peak	Export	\$0.2869			
				W2	On Peak	NBC	\$0.0228			
				W2	Off Peak	Import	\$0.2661			
				W2	Off Peak	Export	\$0.2433			
				W2	Off Peak	NBC	\$0.0228			
				W2	Super Off Peak	Import	\$0.23002			
				W2	Super Off Peak	Export	\$0.20722			
				W2	Super Off Peak	NBC	\$0.0228			
				S	On Peak	Import	\$0.55639			
				S	On Peak	Export	\$0.53359			
				S	On Peak	NBC	\$0.0228			
				S	Off Peak	Import	\$0.29876			
				S	Off Peak	Export	\$0.27596			
				S	Off Peak	NBC	\$0.0228			

## 4.3 Current Electric Bill

Time Periods		Energy Use	(kWh)		С	harges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/20/2022 - 2/20/2022 W1	474	1,649	-	\$25	\$48	\$537	\$611
2/20/2022 - 3/20/2022 W1 / W2	426	1,230	260	\$23	\$44	\$475	\$542
3/20/2022 - 4/20/2022 W2	434	1,130	456	\$25	\$46	\$494	\$565
4/20/2022 - 5/20/2022 W2	149	454	177	\$25	\$18	\$190	\$232
5/20/2022 - 6/20/2022 W2 / S	147	519	51	\$25	\$16	\$217	\$258
6/20/2022 - 7/20/2022 S	226	828	-	\$25	\$24	\$349	\$398
7/20/2022 - 8/20/2022 S	480	1,730	-	\$25	\$50	\$734	\$809
8/20/2022 - 9/20/2022 S	497	1,841	-	\$25	\$53	\$773	\$852
9/20/2022 - 10/20/2022 S / W1	449	1,606	-	\$25	\$47	\$566	\$637
10/20/2021 - 11/20/2021 W1	495	1,681	-	\$25	\$50	\$551	\$626
11/20/2021 - 12/20/2021 W1	442	1,700	-	\$25	\$49	\$540	\$614
12/20/2021 - 1/20/2022 W1	242	844	-	\$25	\$25	\$275	\$325
Total	4,461	15,212	944	\$300	\$470	\$5,701	\$6,470

### 4.4 New Electric Bill

The table below details a simulation of your post solar electric bill. This table factors any rate schedule changes that may occur as detailed above.

Time Periods		Energy Use	(kWh)		Ch	arges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/20/2022 - 2/20/2022 W1	404	539	-	\$25	\$32	\$247	\$305
2/20/2022 - 3/20/2022 W1 / W2	263	554	-341	\$23	\$28	\$140	\$190
3/20/2022 - 4/20/2022 W2	55	555	-564	\$25	\$26	\$34	\$85
4/20/2022 - 5/20/2022 W2	-297	-173	-912	\$25	\$9	\$316	\$282
5/20/2022 - 6/20/2022 W2 / S	-351	-881	-374	\$25	\$7	\$473	\$440
6/20/2022 - 7/20/2022 S	-282	-857	-	\$25	\$11	\$387	\$351
7/20/2022 - 8/20/2022 S	-12	-1	-	\$25	\$27	\$6	\$47
8/20/2022 - 9/20/2022 S	102	139	-	\$25	\$31	\$92	\$148
9/20/2022 - 10/20/2022 S / W1	211	261	-	\$25	\$28	\$129	\$182
10/20/2021 - 11/20/2021 W1	385	443	-	\$25	\$31	\$218	\$275
11/20/2021 - 12/20/2021 W1	413	708	-	\$25	\$33	\$291	\$348
12/20/2021 - 1/20/2022 W1	192	-225	-	\$25	\$16	\$1	\$42
Total	1,083	1,062	-2,191	\$300	\$279	\$2	\$576

### New Electric Bill Savings: \$5,894

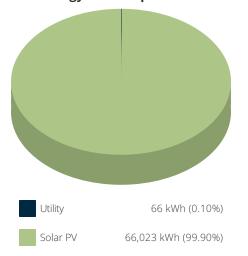
## 5 Acct #4308391622 - 1199 Purisima Rd

### **Meter Information**

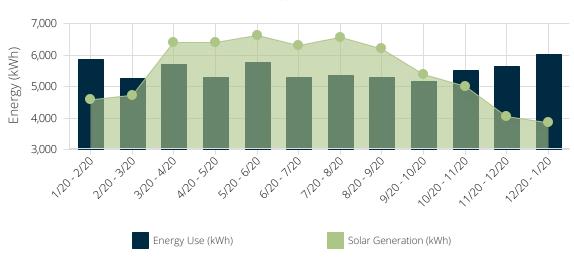
Address	1199 Purisima Rd, Lompoc, CA
Consumption	66,089 kWh
Annual Cost	\$20,278
Solar PV Equipment	37.1 kW-DC Premium Modules
Panel Warranty	25 Year Performance Warranty

### **Solar PV System Cost and Incentives**

Net Solar PV System Cost	\$94,791
Direct pay - 30% ITC	-\$40,625
Solar PV System Cost	\$135,415



#### **Energy Consumption Mix**



#### Monthly Energy Use vs Solar Generation

### 5.1 Rebates and Incentives

#### Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

#### **Total Incentive Value: \$40,625**

## 5.2 Utility Rates

Current Rate Schedule: Pacific Gas & Electric, B-6

Customer Charges			Energy Charges				
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.3097
W2	Flat Rate	per day	\$0.82	W1	On Peak	Export	\$0.2869
S	Flat Rate	per day	\$0.82	W1	On Peak	NBC	\$0.0228
				W1	Off Peak	Import	\$0.2661
				W1	Off Peak	Export	\$0.2433
				W1	Off Peak	NBC	\$0.0228
				W2	On Peak	Import	\$0.3097
				W2	On Peak	Export	\$0.2869
				W2	On Peak	NBC	\$0.0228
				W2	Off Peak	Import	\$0.2661
				W2	Off Peak	Export	\$0.2433
				W2	Off Peak	NBC	\$0.0228
				W2	Super Off Peak	Import	\$0.23002
				W2	Super Off Peak	Export	\$0.20722
				W2	Super Off Peak	NBC	\$0.0228
				S	On Peak	Import	\$0.55639
				S	On Peak	Export	\$0.53359
				S	On Peak	NBC	\$0.0228
				S	Off Peak	Import	\$0.29876
				S	Off Peak	Export	\$0.27596
				S	Off Peak	NBC	\$0.0228

## 5.3 Current Electric Bill

Time Periods	Energy Use (kWh)				С	harges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/20/2022 - 2/20/2022 W1	1,517	4,350	-	\$25	\$134	\$1,494	\$1,653
2/20/2022 - 3/20/2022 W1 / W2	1,375	2,976	914	\$23	\$120	\$1,308	\$1,451
3/20/2022 - 4/20/2022 W2	1,456	2,752	1,482	\$25	\$130	\$1,394	\$1,550
4/20/2022 - 5/20/2022 W2	1,337	2,604	1,361	\$25	\$121	\$1,299	\$1,445
5/20/2022 - 6/20/2022 W2 / S	1,399	3,752	606	\$25	\$131	\$1,735	\$1,892
6/20/2022 - 7/20/2022 S	1,287	3,992	-	\$25	\$120	\$1,788	\$1,933
7/20/2022 - 8/20/2022 S	1,337	4,019	-	\$25	\$122	\$1,822	\$1,970
8/20/2022 - 9/20/2022 S	1,311	3,969	-	\$25	\$120	\$1,795	\$1,941
9/20/2022 - 10/20/2022 S / W1	1,323	3,837	-	\$25	\$118	\$1,476	\$1,618
10/20/2021 - 11/20/2021 W1	1,407	4,090	-	\$25	\$125	\$1,399	\$1,550
11/20/2021 - 12/20/2021 W1	1,409	4,220	-	\$25	\$128	\$1,431	\$1,584
12/20/2021 - 1/20/2022 W1	1,564	4,445	-	\$25	\$137	\$1,530	\$1,693
Total	16,722	45,006	4,363	\$300	\$1,507	\$18,472	\$20,278

### 5.4 New Electric Bill

The table below details a simulation of your post solar electric bill. This table factors any rate schedule changes that may occur as detailed above.

Time Periods		Energy Use	(kWh)		С	harges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/20/2022 - 2/20/2022 W1	1,264	31	-	\$25	\$78	\$370	\$473
2/20/2022 - 3/20/2022 W1 / W2	904	573	-932	\$23	\$67	\$206	\$296
3/20/2022 - 4/20/2022 W2	402	865	-1,970	\$25	\$67	\$82	\$10
4/20/2022 - 5/20/2022 W2	311	744	-2,148	\$25	\$59	\$175	\$91
5/20/2022 - 6/20/2022 W2 / S	263	-378	-748	\$25	\$63	\$158	\$69
6/20/2022 - 7/20/2022 S	122	-1,140	-	\$25	\$55	\$249	\$169
7/20/2022 - 8/20/2022 S	107	-1,312	-	\$25	\$59	\$305	\$220
8/20/2022 - 9/20/2022 S	262	-1,176	-	\$25	\$63	\$185	\$96
9/20/2022 - 10/20/2022 S / W1	631	-853	-	\$25	\$64	\$15	\$104
10/20/2021 - 11/20/2021 W1	1,045	-551	-	\$25	\$70	\$166	\$262
11/20/2021 - 12/20/2021 W1	1,294	289	-	\$25	\$76	\$442	\$543
12/20/2021 - 1/20/2022 W1	1,422	742	-	\$25	\$84	\$589	\$698
Total	8,027	-2,166	-5,798	\$300	\$808	\$634	\$1,741

### New Electric Bill Savings: \$18,537

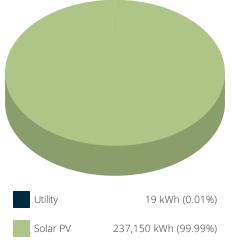
## 6 Acct #2182585907 - Well 7

### **Meter Information**

Address	1550 Burton Mesa Blvd, Lompoc, CA
Consumption	237,169 kWh
Annual Cost	\$67,517
Solar PV Equipment	138.0 kW-DC Premium Modules
Panel Warranty	25 Year Performance Warranty

### **Solar PV System Cost and Incentives**

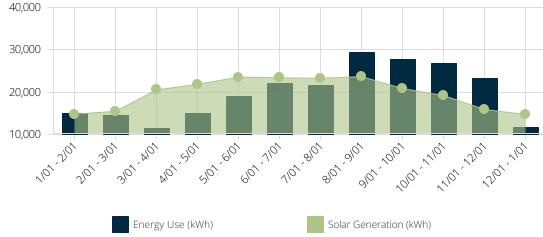
Net Solar PV System Cost	\$367,080
Direct pay - 30% ITC	-\$157,320
Solar PV System Cost	\$524,400



**Energy Consumption Mix** 

# Energy (kWh) 30,000 20,000 10,000 Energy Use (kWh)

#### Monthly Energy Use vs Solar Generation



### 6.1 Rebates and Incentives

#### Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

#### Total Incentive Value: \$157,320

## 6.2 Utility Rates

Current Rate Schedule: Pacific Gas & Electric, B-6

Customer Charges			Energy Charges				
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.3097
W2	Flat Rate	per day	\$0.82	W1	On Peak	Export	\$0.2869
S	Flat Rate	per day	\$0.82	W1	On Peak	NBC	\$0.0228
				W1	Off Peak	Import	\$0.2661
				W1	Off Peak	Export	\$0.2433
				W1	Off Peak	NBC	\$0.0228
				W2	On Peak	Import	\$0.3097
				W2	On Peak	Export	\$0.2869
				W2	On Peak	NBC	\$0.0228
				W2	Off Peak	Import	\$0.2661
				W2	Off Peak	Export	\$0.2433
				W2	Off Peak	NBC	\$0.0228
				W2	Super Off Peak	Import	\$0.23002
				W2	Super Off Peak	Export	\$0.20722
				W2	Super Off Peak	NBC	\$0.0228
				S	On Peak	Import	\$0.55639
				S	On Peak	Export	\$0.53359
				S	On Peak	NBC	\$0.0228
				S	Off Peak	Import	\$0.29876
				S	Off Peak	Export	\$0.27596
				S	Off Peak	NBC	\$0.0228

## 6.3 Current Electric Bill

Time Periods		Energy Use (kWh)			С	harges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2021 - 2/1/2021 W1	93	14,922	-	\$25	\$342	\$3,657	\$4,025
2/1/2021 - 3/1/2021 W1	962	13,466	-	\$23	\$329	\$3,552	\$3,904
3/1/2021 - 4/1/2021 W2	339	6,973	4,036	\$25	\$259	\$2,630	\$2,914
4/1/2021 - 5/1/2021 W2	92	6,469	8,418	\$25	\$342	\$3,345	\$3,711
5/1/2021 - 6/1/2021 W2	975	9,744	8,312	\$25	\$434	\$4,373	\$4,832
6/1/2021 - 7/1/2021 S	251	21,773	-	\$25	\$502	\$6,142	\$6,669
7/1/2021 - 8/1/2021 S	2,521	19,006	-	\$25	\$491	\$6,590	\$7,106
8/1/2021 - 9/1/2021 S	271	29,144	-	\$25	\$671	\$8,187	\$8,883
9/1/2021 - 10/1/2021 S	2,029	25,686	-	\$25	\$632	\$8,171	\$8,828
10/1/2021 - 11/1/2021 W1	1,728	25,124	-	\$25	\$612	\$6,608	\$7,246
11/1/2021 - 12/1/2021 W1	1,708	21,485	-	\$25	\$529	\$5,717	\$6,271
12/1/2021 - 1/1/2022 W1	88	11,555	-	\$25	\$265	\$2,837	\$3,128
Total	11,057	205,347	20,766	\$300	\$5,407	\$61,810	\$67,517

### 6.4 New Electric Bill

The table below details a simulation of your post solar electric bill. This table factors any rate schedule changes that may occur as detailed above.

Time Periods		Energy Use	(kWh)		Cł	narges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2021 - 2/1/2021 W1	-261	494	-	\$25	\$333	\$45	\$404
2/1/2021 - 3/1/2021 W1	451	-1,493	-	\$23	\$318	\$234	\$107
3/1/2021 - 4/1/2021 W2	-1,504	1,178	-8,845	\$25	\$152	\$1,978	\$1,800
4/1/2021 - 5/1/2021 W2	-2,488	-176	-4,191	\$25	\$157	\$1,625	\$1,444
5/1/2021 - 6/1/2021 W2	-1,860	2,447	-5,110	\$25	\$202	\$997	\$770
6/1/2021 - 7/1/2021 S	-2,797	1,426	-	\$25	\$299	\$1,099	\$775
7/1/2021 - 8/1/2021 S	-485	-1,256	-	\$25	\$315	\$606	\$266
8/1/2021 - 9/1/2021 S	-2,567	8,320	-	\$25	\$452	\$926	\$1,403
9/1/2021 - 10/1/2021 S	-59	6,925	-	\$25	\$434	\$1,880	\$2,338
10/1/2021 - 11/1/2021 W1	347	7,302	-	\$25	\$388	\$1,876	\$2,289
11/1/2021 - 12/1/2021 W1	1,395	5,907	-	\$25	\$348	\$1,837	\$2,210
12/1/2021 - 1/1/2022 W1	-130	-2,949	-	\$25	\$178	\$755	\$551
Total	-9,958	28,125	-18,146	\$300	\$3,575	-	\$3,875

### New Electric Bill Savings: \$63,643

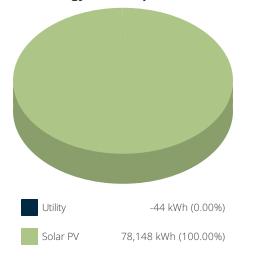
## 7 Acct #0172997123 - 1525 Well 5

### **Meter Information**

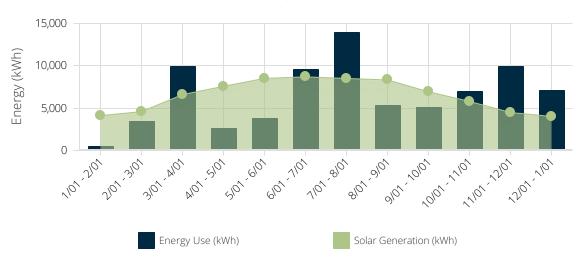
Address	1525 Burton Mesa Blvd, Lompoc, CA
Consumption	78,104 kWh
Annual Cost	\$22,698
Solar PV Equipment	46.9 kW-DC Premium Modules
Panel Warranty	25 Year Performance Warranty

### **Solar PV System Cost and Incentives**

Net Solar PV System Cost	\$131,320
Direct pay - 30% ITC	-\$56,280
Solar PV System Cost	\$187,600



#### **Energy Consumption Mix**



#### Monthly Energy Use vs Solar Generation

### 7.1 Rebates and Incentives

#### Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

#### **Total Incentive Value: \$56,280**

## 7.2 Utility Rates

Current Rate Schedule: Pacific Gas & Electric, B-6

	Custome	r Charges		Energy Charges						
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6			
W1	Flat Rate	per day	\$0.82	VV1	On Peak	Import	\$0.3097			
W2	Flat Rate	per day	\$0.82	W1	On Peak	Export	\$0.2869			
S	Flat Rate	per day	\$0.82	W1	On Peak	NBC	\$0.0228			
				W1	Off Peak	Import	\$0.2661			
				W1	Off Peak	Export	\$0.2433			
				W1	Off Peak	NBC	\$0.0228			
				W2	On Peak	Import	\$0.3097			
				W2	On Peak	Export	\$0.2869			
				W2	On Peak	NBC	\$0.0228			
				W2	Off Peak	Import	\$0.2661			
				W2	Off Peak	Export	\$0.2433			
				W2	Off Peak	NBC	\$0.0228			
				W2	Super Off Peak	Import	\$0.23002			
				W2	Super Off Peak	Export	\$0.20722			
				W2	Super Off Peak	NBC	\$0.0228			
				S	On Peak	Import	\$0.55639			
				S	On Peak	Export	\$0.53359			
				S	On Peak	NBC	\$0.0228			
				S	Off Peak	Import	\$0.29876			
				S	Off Peak	Export	\$0.27596			
				S	Off Peak	NBC	\$0.0228			

## 7.3 Current Electric Bill

Time Periods		Energy Use	(kWh)		С	harges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2021 - 2/1/2021 W1	1	458	-	\$25	\$10	\$112	\$148
2/1/2021 - 3/1/2021 W1	434	3,020	-	\$23	\$79	\$859	\$961
3/1/2021 - 4/1/2021 W2	2,086	5,575	2,315	\$25	\$227	\$2,435	\$2,688
4/1/2021 - 5/1/2021 W2	5	296	2,325	\$25	\$60	\$555	\$640
5/1/2021 - 6/1/2021 W2	5	1,324	2,411	\$25	\$85	\$823	\$934
6/1/2021 - 7/1/2021 S	252	9,349	-	\$25	\$219	\$2,714	\$2,958
7/1/2021 - 8/1/2021 S	1,603	12,325	-	\$25	\$318	\$4,257	\$4,600
8/1/2021 - 9/1/2021 S	4	5,360	-	\$25	\$122	\$1,481	\$1,629
9/1/2021 - 10/1/2021 S	4	5,059	-	\$25	\$115	\$1,398	\$1,538
10/1/2021 - 11/1/2021 W1	1,158	5,775	-	\$25	\$158	\$1,737	\$1,921
11/1/2021 - 12/1/2021 W1	2,028	7,886	-	\$25	\$226	\$2,501	\$2,751
12/1/2021 - 1/1/2022 W1	719	6,324	-	\$25	\$161	\$1,745	\$1,931
Total	8,299	62,751	7,051	\$300	\$1,781	\$20,617	\$22,698

### 7.4 New Electric Bill

The table below details a simulation of your post solar electric bill. This table factors any rate schedule changes that may occur as detailed above.

Time Periods		Energy Use	(kWh)		Ch	narges	
Bill Ranges & Seasons	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2021 - 2/1/2021 W1	-207	-3,451	-	\$25	\$8	\$899	\$865
2/1/2021 - 3/1/2021 W1	124	-1,258	-	\$23	\$67	\$270	\$180
3/1/2021 - 4/1/2021 W2	1,103	3,701	-1,423	\$25	\$198	\$922	\$1,146
4/1/2021 - 5/1/2021 W2	-1,493	-1,917	-1,539	\$25	\$38	\$1,214	\$1,152
5/1/2021 - 6/1/2021 W2	-1,768	-1,162	-1,841	\$25	\$59	\$1,171	\$1,087
6/1/2021 - 7/1/2021 S	-1,723	2,633	-	\$25	\$179	\$193	\$11
7/1/2021 - 8/1/2021 S	-317	5,738	-	\$25	\$263	\$1,415	\$1,704
8/1/2021 - 9/1/2021 S	-1,744	-1,222	-	\$25	\$89	\$1,268	\$1,154
9/1/2021 - 10/1/2021 S	-1,238	-636	-	\$25	\$93	\$836	\$718
10/1/2021 - 11/1/2021 W1	360	781	-	\$25	\$136	\$293	\$455
11/1/2021 - 12/1/2021 W1	1,840	3,593	-	\$25	\$207	\$1,402	\$1,633
12/1/2021 - 1/1/2022 W1	583	2,441	-	\$25	\$142	\$761	\$928
Total	-4,480	9,241	-4,803	\$300	\$1,479	\$2	\$1,777

### New Electric Bill Savings: \$20,920

### 8 PPA - \$0.185 Model

Total Payments	\$3,581,182	Electric Bill Savings - Year 1	\$150,020	Electric Bill Savings - Term	\$6,641,764
Blended Savings per kWh from PV	\$0.232 /kWh	Blended Electricity Cost per kWh	\$0.273 /kWh	PV Degradation Rate	0.50%
Energy Cost Escalation Rate	5.0%	End of Term Buyout Payment	\$0	PPA Escalation Rate	2%
Rate Calculation	0.185	Upfront Payment	\$0	Term	25 Years

Veera		Cash	Total Cash Flow	Cumulative Ceeh Flour
Years	PPA Payments	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow
Upfront	-	-	-	-
1	-\$119,595	\$150,020	\$30,425	\$30,425
2	-\$121,377	\$156,733	\$35,356	\$65,781
3	-\$123,182	\$163,743	\$40,561	\$106,342
4	-\$125,011	\$171,062	\$46,050	\$152,392
5	-\$126,864	\$178,703	\$51,839	\$204,231
6	-\$128,742	\$186,681	\$57,939	\$262,170
7	-\$130,643	\$195,010	\$64,367	\$326,537
8	-\$132,569	\$203,705	\$71,136	\$397,673
9	-\$134,520	\$212,782	\$78,262	\$475,935
10	-\$136,495	\$222,257	\$85,762	\$561,697
11	-\$138,496	\$232,148	\$93,652	\$655,349
12	-\$140,523	\$242,473	\$101,950	\$757,299
13	-\$142,575	\$253,249	\$110,674	\$867,973
14	-\$144,653	\$264,497	\$119,845	\$987,818
15	-\$146,757	\$276,237	\$129,480	\$1,117,298
16	-\$148,887	\$288,490	\$139,602	\$1,256,900
17	-\$151,044	\$301,277	\$150,233	\$1,407,133
18	-\$153,228	\$314,621	\$161,394	\$1,568,526
19	-\$155,438	\$328,547	\$173,109	\$1,741,635
20	-\$157,676	\$343,079	\$185,403	\$1,927,038
21	-\$159,941	\$358,243	\$198,302	\$2,125,340
22	-\$162,233	\$374,065	\$211,832	\$2,337,172
23	-\$164,553	\$390,574	\$226,021	\$2,563,193
24	-\$166,902	\$407,799	\$240,897	\$2,804,090
25	-\$169,278	\$425,770	\$256,492	\$3,060,582
Totals:	-\$3,581,182	\$6,641,764	\$3,060,582	-

## 9 Cash Purchase Model

IRR - Term	18.8%	Net Present Value	\$2,997,863	Payback Period	5.7 Years
ROI	592.6%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	5.0%	Federal Income Tax Rate	30.0%	State Income Tax Rate	8.0%
Total Project Costs	\$1,368,730				

				Tatal Cash Flaur	Cumulative Cash Flow		
Years	Project Costs	Direct pay - 30% ITC	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow		
Upfront	-\$1,368,730	-	-	-\$1,368,730	-\$1,368,730		
1	-	\$410,619	\$150,020	\$560,639	-\$808,091		
2	-	-	\$156,733	\$156,733	-\$651,358		
3	-	-	\$163,743	\$163,743	-\$487,615		
4	-	-	\$171,062	\$171,062	-\$316,553		
5	-	-	\$178,703	\$178,703	-\$137,850		
6	-	-	\$186,681	\$186,681	\$48,831		
7	-	-	\$195,010	\$195,010	\$243,841		
8	-	-	\$203,705	\$203,705	\$447,546		
9	-	-	\$212,782	\$212,782	\$660,327		
10	-	-	\$222,257	\$222,257	\$882,585		
11	-	-	\$232,148	\$232,148	\$1,114,733		
12	-	-	\$242,473	\$242,473	\$1,357,206		
13	-	-	\$253,249	\$253,249	\$1,610,455		
14	-	-	\$264,497	\$264,497	\$1,874,952		
15	-	-	\$276,237	\$276,237	\$2,151,189		
16	-	-	\$288,490	\$288,490	\$2,439,679		
17	-	-	\$301,277	\$301,277	\$2,740,955		
18	-	-	\$314,621	\$314,621	\$3,055,577		
19	-	-	\$328,547	\$328,547	\$3,384,124		
20	-	-	\$343,079	\$343,079	\$3,727,203		
21	-	-	\$358,243	\$358,243	\$4,085,445		
22	-	-	\$374,065	\$374,065	\$4,459,511		
23	-	-	\$390,574	\$390,574	\$4,850,085		
24	-	-	\$407,799	\$407,799	\$5,257,883		
25	-	-	\$425,770	\$425,770	\$5,683,653		
26	-	-	\$444,518	\$444,518	\$6,128,171		
27	-	-	\$464,077	\$464,077	\$6,592,248		
28	-	-	\$484,480	\$484,480	\$7,076,728		
29	-	-	\$505,764	\$505,764	\$7,582,492		
30	-	-	\$527,964	\$527,964	\$8,110,456		
Totals:	-\$1,368,730	\$410,619	\$9,068,567	\$8,110,456	-		

### 10 PPA - \$0.185 Details

Total Payments		\$3	,581,182	Electric	Bill Savings -	Year 1		\$150,020	Elect	ric Bill Saving	gs - Term	\$6,6	41,764
Blended Savings per kWh f	rom PV	\$0	.232 /kWh	Blended	Electricity C	ost per kWh		\$0.273 /kW	h PV D	egradation R	ate	0.50	%
Energy Cost Escalation Rat	te	5.0	)%	End of T	erm Buyout	Payment		\$0	PPA	Escalation Ra	ate	2%	
Rate Calculation		0.1	185	Upfront	Upfront Payment \$0 Term				25 Years				
Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12
Cash													
PPA Payments	-	-\$119,595	-\$121,377	-\$123,182	-\$125,011	-\$126,864	-\$128,742	-\$130,643	-\$132,569	-\$134,520	-\$136,495	-\$138,496	-\$140,523
Electric Bill Savings	-	\$150,020	\$156,733	\$163,743	\$171,062	\$178,703	\$186,681	\$195,010	\$203,705	\$212,782	\$222,257	\$232,148	\$242,473
Cash Total	-	\$30,425	\$35,356	\$40,561	\$46,050	\$51,839	\$57,939	\$64,367	\$71,136	\$78,262	\$85,762	\$93,652	\$101,950
Total Cash Flow	-	\$30,425	\$35,356	\$40,561	\$46,050	\$51,839	\$57,939	\$64,367	\$71,136	\$78,262	\$85,762	\$93,652	\$101,950
<b>Cumulative Cash Flow</b>	-	\$30,425	\$65,781	\$106,342	\$152,392	\$204,231	\$262,170	\$326,537	\$397,673	\$475,935	\$561,697	\$655,349	\$757,299

### 10 PPA - \$0.185 Details

Total Payments		\$3,5	581,182	Electric Bill	Savings - Year	1	\$150,	020	Electric Bill Sa	vings - Term	\$6,	\$6,641,764	
Blended Savings per kWh fr	om PV	\$0.2	232 /kWh	Blended Ele	ctricity Cost p	er kWh	\$0.27	3 /kWh	PV Degradatio	n Rate	0.5	0%	
Energy Cost Escalation Rat	e	5.09	%	End of Term	Buyout Paym	ent	\$0		PPA Escalatior	n Rate	2%		
Rate Calculation		0.18	35	Upfront Pay	ment		\$0		Term		25 Years		
Years	13	14	15	16	17	18	19	20	21	22	23	24	
Cash													
PPA Payments	-\$142,575	-\$144,653	-\$146,757	-\$148,887	-\$151,044	-\$153,228	-\$155,438	-\$157,676	-\$159,941	-\$162,233	-\$164,553	-\$166,902	
Electric Bill Savings	\$253,249	\$264,497	\$276,237	\$288,490	\$301,277	\$314,621	\$328,547	\$343,079	\$358,243	\$374,065	\$390,574	\$407,799	
Cash Total	\$110,674	\$119,845	\$129,480	\$139,602	\$150,233	\$161,394	\$173,109	\$185,403	\$198,302	\$211,832	\$226,021	\$240,897	
Total Cash Flow	\$110,674	\$119,845	\$129,480	\$139,602	\$139,602 \$150,233 \$161,394		\$173,109	\$185,403	\$198,302	\$211,832	\$226,021	\$240,897	
<b>Cumulative Cash Flow</b>	\$867,973	\$987,818	\$1,117,298	\$1,256,900	\$1,256,900 \$1,407,133 \$1,568,526			\$1,927,038	\$2,125,340	\$2,337,172	\$2,563,193	\$2,804,090	

### 10 PPA - \$0.185 Details

Total Payments	\$3,581,182	Electric Bill Savings - Year 1	\$150,020	Electric Bill Savings - Term	\$6,641,764
Blended Savings per kWh from PV	\$0.232 /kWh	Blended Electricity Cost per kWh	\$0.273 /kWh	PV Degradation Rate	0.50%
Energy Cost Escalation Rate	5.0%	End of Term Buyout Payment	\$0	PPA Escalation Rate	2%
Rate Calculation	0.185	Upfront Payment	\$0	Term	25 Years
Years			25	Total	S
Cash					
PPA Payments			-\$169,278	-\$3,581,	182
Electric Bill Savings			\$425,770	\$6,641,7	764
Cash Total			\$256,492	\$3,060,5	582
Total Cash Flow			\$256,492	\$3,060,5	582
Cumulative Cash Flow			\$3,060,582	-	

### 11 Cash Purchase Details

IRR - Term		18.8%	Ν	et Present Va	lue		\$2,997,863	Pay	back Period		5.7 Years	
ROI		592.6%	P	V Degradatior	n Rate	Rate 0.50%			Discount Rate			0%
Energy Cost Escalation Rate		5.0%	5.0% Federal Income T		e Tax Rate	30.0%		State Income Tax Rate			8.0%	
Total Project Costs		\$1,368,7	30									
Years	Upfront	1	2	3	4	5	6	7	8	9	10	11
Cash												
Project Costs	-\$1,368,730	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	\$410,619	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	\$150,020	\$156,733	\$163,743	\$171,062	\$178,703	\$186,681	\$195,010	\$203,705	\$212,782	\$222,257	\$232,148
Cash Total	-\$1,368,730	\$560,639	\$156,733	\$163,743	\$171,062	\$178,703	\$186,681	\$195,010	\$203,705	\$212,782	\$222,257	\$232,148
Total Cash Flow	-\$1,368,730	\$560,639	\$156,733	\$163,743	\$171,062	\$178,703	\$186,681	\$195,010	\$203,705	\$212,782	\$222,257	\$232,148
<b>Cumulative Cash Flow</b>	-\$1,368,730	-\$808,091	-\$651,358	-\$487,615	-\$316,553	-\$137,850	\$48,831	\$243,841	\$447,546	\$660,327	\$882,585	\$1,114,733

### 11 Cash Purchase Details

IRR - Term		18.8%	Net	t Present Value	2	\$2,9	997,863	Payback Peri	od	5.	7 Years
ROI		592.6%	PV	Degradation R	ate	0.50	)%	Discount Rat	e	5.	0%
Energy Cost Escalation Rate		5.0%	Fec	leral Income Ta	al Income Tax Rate 30.0% State Income Tax Rate		30.0% State Income Tax Rate		State Income Tax Rate		0%
Total Project Costs		\$1,368,73	30								
Years	12	13	14	15	16	17	18	19	20	21	22
Cash											
Project Costs	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	\$242,473	\$253,249	\$264,497	\$276,237	\$288,490	\$301,277	\$314,621	\$328,547	\$343,079	\$358,243	\$374,065
Cash Total	\$242,473	\$253,249	\$264,497	\$276,237	\$288,490	\$301,277	\$314,621	\$328,547	\$343,079	\$358,243	\$374,065
Total Cash Flow	\$242,473	\$253,249	\$264,497	\$276,237	\$288,490	\$301,277	\$314,621	\$328,547	\$343,079	\$358,243	\$374,065
<b>Cumulative Cash Flow</b>	\$1,357,206	\$1,610,455	\$1,874,952	\$2,151,189	\$2,439,679	\$2,740,955	\$3,055,577	\$3,384,124	\$3,727,203	\$4,085,445	\$4,459,511

### 11 Cash Purchase Details

IRR - Term		3.8%	Net Present Value		\$2,997,863 Pa		ayback Period		5.7 Years
ROI	59	592.6%		PV Degradation Rate		0.50% Dis		iscount Rate	
Energy Cost Escalation Rate		0%	Federal Income Tax Rate		30.0% St		tate Income Tax Rate		8.0%
Total Project Costs	\$^	1,368,730							
Years	23	24	25	26	27	28	29	30	Totals
Cash									
Project Costs	-	-	-	-	-	-	-	-	-\$1,368,730
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	\$410,619
Electric Bill Savings	\$390,574	\$407,799	\$425,770	\$444,518	\$464,077	\$484,480	\$505,764	\$527,964	\$9,068,567
Cash Total	\$390,574	\$407,799	\$425,770	\$444,518	\$464,077	\$484,480	\$505,764	\$527,964	\$8,110,456
Total Cash Flow	\$390,574	\$407,799	\$425,770	\$444,518	\$464,077	\$484,480	\$505,764	\$527,964	\$8,110,456
<b>Cumulative Cash Flow</b>	\$4,850,085	\$5,257,883	\$5,683,653	\$6,128,171	\$6,592,248	\$7,076,728	\$7,582,492	\$8,110,456	-

## THANK YOU

For allowing us the opportunity to help you achieve your goals of powering your facility with clean, renewable energy. Being your own power producer has innumerable benefits. At Watthub, we are committed to providing the highest quality analysis and ensuring the system is operating for the standard 35 year asset life. Our 15 years of experience in commercial solar will provide unmatched accuracy, a streamlined experience, and a smooth transaction through every step of the project. Previous project references and statement of qualifications available upon request.

We are excited to move forward to the next steps with you.

	Estimated Dur	Estimated Duration (weeks)					
	1 Approve Final System Design and Cost	2					
	2 Secure Financing (if required); Credit underwriting and signing	3					
	3 Finalize Solar Development Agreement	1					
	4 <b>Design &amp; Engineering;</b> electrical and structural	6					
Next Steps	5 <b>Permitting;</b> <i>local AHJ permit plan review and approval</i>	6					
Steps	6 Installation; varies depending on system size & installation type	8					
	7 <b>City Approval;</b> final city/County sign off	0.5					
	8 Utility Permission to Operate; depending on Utility schedule	6					
	9 <b>Commissioning;</b> DAS operational, string test, irradiance, as-built engineering, close ou	t manual <b>1</b>					
	10 Save Money, Save the Planet!						

#### Disclaimer:

This proposal is an indicative estimate of the proposed solar system. This proposal assumes no substantial repairs, modifications, or replacement of existing electrical panels. Any changes outlined herein will result in a change in project pricing. Actual savings are not guaranteed. In addition, this proposal excludes any unforeseen subterranean conditions or utility required upgrades. All tax incentives are proposed to the incentives and tax credits outlined by the State and Federal Government as eligible. Please verify with your CPA regarding tax credits, incentives, and depreciation. Any financing proposed herein is subject to final credit approval. This proposal pricing is good for thirty (30) days.



#### MISSION HILLS COMMUNITY SERVICES DISTRICT

**6. COMMUNICATIONS-** Board of Directors may ask a question for clarification, make an announcement, or report briefly on recent activities or conferences. Also, Directors may provide a reference to staff or other resources for information, request the Board President consider placing an item on a future committee meeting or regular meeting.

- A. General Manager Comments
- B. Director's Comments
- C. Public Comments

#### LAST PAGE OF BOARD PACKET