

# LAS VIRGENES MUNICIPAL WATER DISTRICT 4232 Las Virgenes Road, Calabasas, CA 91302

# AGENDA REGULAR MEETING September 1, 2020, 9:00 AM

Public Participation for Meetings of Las Virgenes Municipal Water District Board of Directors in Response to COVID-19

On March 4, 2020, Governor Newsom proclaimed a State of Emergency in California as a result of the threat of COVID-19. On March 17, 2020, Governor Newsom issued Executive Order N-29-20 (superseding the Brown Act-related provisions of Executive Order N-25-20 issued on March 12, 2020), which allows a local legislative body to hold public meetings via teleconferencing and to make public meetings accessible telephonically or otherwise electronically to all members of the public seeking to observe and to address the local legislative body. Pursuant to Executive Order N-29-20, please be advised that members of the Las Virgenes Municipal Water District will participate in meetings telephonically.

**PUBLIC PARTICIPATION:** Pursuant to Executive N-29-20 and given the current health concerns, members of the public can access meetings live on-line, with audio and limited video, at www.LVMWD.com/LiveStream. In addition, members of the public can submit comments electronically for consideration by sending them to www.LVMWD.com/LiveStream. To ensure distribution to the members of the Las Virgenes Municipal Water District Board of Directors prior to consideration of the agenda, please submit comments 24 hours prior to the day of the meeting. Those comments, as well as any comments received during the meeting, will be distributed to the members of the Board of Directors and will be made part of the official public record of the meeting. Contact Josie Guzman, Executive Assistant/Clerk of the Board, at (818) 251-2123 or jguzman@lvmwd.com with any questions.

ACCESSIBILITY: If requested, the agenda and backup materials will be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. Any person who requires a disability-related modification or accommodation, in order to observe and/or offer public comment may request such reasonable modification, accommodation, aid, or service by contacting the Executive Assistant/Clerk of the Board by telephone at (818) 251-2123 or via email to jguzman@lvmwd.com no later than 9:00 AM on the day before the scheduled meeting.

Members of the public wishing to address the Board of Directors are advised that a statement of Public Comment Protocols is available from the Clerk of the Board. Prior to speaking, each speaker is asked to review these protocols, complete a speakers' card, and hand it to the Clerk of the Board. Speakers will be recognized in the order the cards are received. A live webcast of the meeting will be available at LVMWD.com. Also, a web-based version of the speaker card is available for those who would like to submit written comments electronically or request to make public comment by telephone during the meeting.

The <u>Public Comments</u> agenda item is presented to allow the public to address the Board on matters not on the agenda. The public may also present comments on matters on the agenda; speakers for agendized items will be recognized at the time the item is called up for discussion.

Materials prepared by the District in connection with the subject matter on the agenda are available for public inspection at 4232 Las Virgenes Road, Calabasas, CA 91302. Materials prepared by the District and distributed to the Board during this meeting are available for public inspection at the meeting or as soon thereafter as possible. Materials presented to the Board by the public will be maintained as part of the records of these proceedings and are available upon request to the Clerk of the Board.

#### PLEDGE OF ALLEGIANCE

- 1 CALL TO ORDER AND ROLL CALL
- 2 **APPROVAL OF AGENDA**
- 3 **PUBLIC COMMENTS**

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

#### 4 **CONSENT CALENDAR**

Matters listed under the Consent Calendar are considered to be routine, non-controversial and normally approved with one motion. If discussion is requested by a member of the Board on any Consent Calendar item, or if a member of the public wishes to comment on an item, that item will be removed from the Consent Calendar for separate action.

- A List of Demands: September 1, 2020 (Pg. 5)
  - Receive and File
- B Minutes: Regular Meeting of August 18, 2020 (Pg. 33)
  Approve

C Monthly Cash and Investment Report: July 2020 (Pg. 44)

Receive and file the Monthly Cash and Investment Report for July 2020.

# 5 <u>ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS</u>

- A MWD Representative Report (Pg. 56)
- **B** Legislative and Regulatory Updates
- C Water Supply Conditions Update (Pg. 61)
- D Update on Woolsey Fire Recovery Efforts (Pg. 63)

#### 6 TREASURER

### 7 **BOARD OF DIRECTORS**

A Response to Coronavirus (COVID-19) Pandemic: Continuation of Emergency (Pg. 65)

Approve the continuation of an emergency declaration for response to the coronavirus (COVID-19) pandemic.

# 8 **FACILITIES AND OPERATIONS**

A Fiscal Year 2020-21 Mobile Crane Purchase: Award (Pg. 67)

Authorize the General Manager to issue a purchase order to Custom Truck One Source, in the amount of \$190,776, for the purchase of a 2020 Freightliner M2 19-Ton mobile crane.

### 9 **ENGINEERING AND EXTERNAL AFFAIRS**

A 2020 Las Virgenes (Westlake) Reservoir Dam Settlement Report (Pg. 75)
Receive and file the 2020 Las Virgenes Reservoir Dam Settlement Report

### 10 **NON-ACTION ITEMS**

- A Organization Reports
- B Director's Reports on Outside Meetings
- C General Manager Reports
  - (1) General Business
  - (2) Follow-Up Items
- **D** Director's Comments
- 11 **FUTURE AGENDA ITEMS**
- 12 **PUBLIC COMMENTS**

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

### 13 CLOSED SESSION

### 14 OPEN SESSION AND ADJOURNMENT

Pursuant to Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and applicable federal rules and regulations, requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Executive Assistant/Clerk of the Board in advance of the meeting to ensure availability of the requested service or accommodation. Notices, agendas, and public documents related to the Board meetings can be made available in appropriate alternative format upon request.

# LAS VIRGENES MUNICIPAL WATER DISTRICT

| То:      | LYNDA LO-HILL, TREASU                                       | IRER  |                                      |             |            |
|----------|---|---|--------------------------------------|-------------|------------|
| Payments | for Board Meeting of :                                      | September 1, 2020                                     |                                      |             |            |
|          | easurer has verified that all cl                            | necks and wire transfers were iss                     | sued in conformance with LVMWD Adm   | inistrative | ;          |
|          | Wells Fargo Bank A/C No.                                    | 4806-994448   |                                      |             |            |
|          | Checks Nos. 85649 throug                                    | h 85767 were issued less voids/s                      | stop payments in the total amount of | \$          | 834,598.90 |
| Payments | s through wire transfers as                                 | follows:  |                                      |             |            |
|          |   |   | Sub-Total Wires                      | \$          |            |
|          |   |   | Total Payments                       | \$          | 834,598.90 |
|          | e is hereby to these demands<br>ncorporated herein and made | on file in the District's Check Re<br>a part hereof.) | gister and by this reference the     |             |            |

# CHECK LISTING FOR BOARD MEETING 09/01/20

Check No.

Check No.

|                                 |               | 85649 thru 85703<br>08/18/20 | 85704 thru 85767<br>08/25/20 |            |
|---------------------------------|---------------|------------------------------|------------------------------|------------|
| Company Name                    | Company No.   | Amount                       | Amount                       | Total      |
| Datable Mathew On and in a      | 101           | 444 540 04                   | 4.000.00                     |            |
| Potable Water Operations        | 101           | 144,540.21                   | 6,929.92                     | 151,470.13 |
| Recycled Water Operations       | 102           | 1,040.00                     |                              | 1,040.00   |
| Sanitation Operations           | 130           | 20,145.79                    | 114.16                       | 20,259.95  |
| Potable Water Construction      | 201           |                              | 3,244.25                     | 3,244.25   |
| Water Conservation Construction | 203           |                              |                              | _          |
| Sani- Construction              | 230           |                              |                              | -          |
| Potable Water Replacement       | 301           |                              | 155,947.25                   | 155,947.25 |
| Reclaimed Water Replace         | 302           |                              |                              | -          |
| Sanitation Replacement          | 330           |                              | 1,400.00                     | 1,400.00   |
| Internal Service                | 701           | 90,892.07                    | 53,509.10                    | 144,401.17 |
| JPA Operations                  | 751           | 207,799.67                   | 82,513.42                    | 290,313.09 |
| JPA Construction                | 752           |                              |                              | -          |
| JPA Replacement                 | 754           | 47,264.94                    | 20,156.62                    | 67,421.56  |
|                                 | Total Printed | 511,682.68                   | 323,814.72                   | 835,497.40 |
| Voided Checks/payment stopped   | i:            |                              |                              |            |
| Check #85418                    | 701           | (898.50)                     |                              | (898.50)   |
|                                 | Total Voids   | (898.50)                     |                              | (898.50)   |
|                                 | Net Total     | 510,784.18                   | 323,814.72                   | 834,598.90 |

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Batch Number -281648

Bank Account -

| Pay<br>Number | ment<br>Date | Address<br>Number | Name                               | Payment Stub Message       | <br>Ty | Document<br>Number | Itm | Key<br>Co | Amount | Invoice<br>Number |
|---------------|--------------|-------------------|------------------------------------|----------------------------|--------|--------------------|-----|-----------|--------|-------------------|
| 85649         | 08/18/20     | 19269             | ACC BUSINESS                       | INTERNET<br>5/11~6/10      | PV     | 170837             | 001 |           | 898.50 | 201671055         |
|               |              |                   |                                    | Payment Amount             |        |                    |     | 898       | 3.50   |                   |
| 85650         | 08/18/20     | 3077              | AIRGAS USA,<br>LLC                 | JUL'20 CYLNDR<br>RENT      | PV     | 171307             | 001 | 00701     | 273.00 | 9972951347        |
|               |              | Alt Payee         | 6658 AIRGAS USA,<br>P. O. BOX 1023 | 289                        |        |                    |     |           |        |                   |
|               |              |                   | PASADENA CA                        |                            |        |                    | _   |           |        |                   |
| 85651         | 08/18/20     | 16224             | ASBURY                             | Payment Amount             | D1.4   | 474665             |     | 273       |        |                   |
| 5254,         | 03.10.20     | TOLET             | ENVIRONMENTAL<br>SERVICES          | AEROSOL<br>DISPOSAL        | PV     | 171385             | 001 | 00101     | 386.66 | ł500-00592625     |
|               |              |                   |                                    | Payment Amount             |        |                    |     | 386       | 5,66   |                   |
| 85652         | 08/18/20     | 5625              | ASSOC, OF<br>WATER                 | 8 REG-WTRWS<br>MTG 7/23/20 | PV     | 171275             | 001 | 00701     | 160.00 | 06-12718          |
|               |              |                   | AGENCIES OF<br>VENTURA CO          |                            |        |                    |     |           |        |                   |
|               |              |                   |                                    | Payment Amount             |        |                    |     | 160       | 0.00   |                   |
| 85653         | 08/18/20     | 16253             | AT&T MOBILITY                      | WIRELESS SRV               | PV     | 171458             | 001 | 00701     | 187.31 | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           |        |                   |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 002 | 00701     | 27.47  | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           |        |                   |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 003 | 00701     | 307.35 | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3<br>WIRELESS SRV    | PV     | 474450             | 004 | 00704     | 00.40  |                   |
|               |              |                   |                                    | 7/4~8/3                    | PV     | 171458             | 004 | 00701     | 32,19  | 9332/080320       |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 005 | 00701     | 86.46  | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        | 11 1430            | 003 | 00701     | 80.40  | 9332/080320       |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 900 | 00701     | 28,22  | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           | LUILL  | 0002000020        |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 007 | 00701     | 73.72  | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           |        |                   |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 800 | 00701     | 252,32 | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           |        |                   |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 009 | 00701     | 31,71  | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           |        |                   |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 17 <b>1</b> 458    | 010 | 00701     | 74.27  | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           |        |                   |
|               |              |                   |                                    | WIRELESS SRV               | PV     | 171458             | 011 | 00701     | 43.23  | 9332/080320       |
|               |              |                   |                                    | 7/4~8/3                    |        |                    |     |           |        |                   |

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|        | yment    | Address | Name          | Payment Stub Message |     | Document |     | Key ,     | Amount    | Invoice        |
|--------|----------|---------|---------------|----------------------|-----|----------|-----|-----------|-----------|----------------|
| Number | Date     | Number  | <del></del>   | <del></del>          | Ту  | Number   | Itm | Co        |           | Number         |
|        |          |         |               | WIRELESS SRV         | PV  | 171458   | 012 | 00701     | 644.34    | 9332/080320    |
|        |          |         |               | 7/4~8/3              |     |          |     |           |           |                |
|        |          |         |               | WIRELESS SRV         | PV  | 171458   | 013 | 00701     | 27.41     | 9332/080320    |
|        |          |         |               | 7/4~8/3              |     |          |     |           |           |                |
|        |          |         |               | WIRELESS SRV         | PV  | 171458   | 014 | 00701     | 30.42     | 9332/080320    |
|        |          |         |               | 7/4~8/3              |     |          |     |           |           |                |
|        |          |         |               | WIRELESS SRV         | PV  | 171458   | 015 | 00701     | 43.23     | 9332/080320    |
|        |          |         |               | 7/4~8/3              |     |          |     |           |           |                |
|        |          |         |               | WIRELESS SRV         | PV  | 171458   | 016 | 00701     | 1,120.41  | 9332/080320    |
|        |          |         |               | 7/4~8/3              |     |          |     |           |           |                |
|        |          |         |               | WRELESS SRV          | PV  | 171458   | 017 | 00701     | 70.64     | 9332/080320    |
|        |          |         |               | 7/4~8/3              |     |          |     |           |           |                |
|        |          |         |               | WIRELESS SRV         | PV  | 171458   | 018 | 00701     | 71,38     | 9332/080320    |
|        |          |         |               | 7/4~8/3              |     |          |     |           |           |                |
|        |          |         |               | Payment Amount       |     |          |     | 3,152.08  | =         |                |
| 85654  | 08/18/20 | 21426   | BRIGHTVIEW    | CLAIM-DAMAGE         | PD  | 171345   | 001 | 00101     | 2,037.87- | 6909602        |
|        |          |         | LANDSCAPE     | F/H MAY'20           |     |          |     |           |           |                |
|        |          |         | SERVICES, INC |                      |     |          |     |           |           |                |
|        |          |         |               | LNDSCP               | PV  | 171346   | 001 | 00701     | 3,149.67  | 6909602        |
|        |          |         |               | SRV-JUL'20           |     |          |     |           |           | •              |
|        |          |         |               | LNDSCP               | PV  | 171346   | 002 | 00701     | 5,473.0B  | 6909602        |
|        |          |         |               | SRV-JUL'20           |     |          |     |           | ·         |                |
|        |          |         |               | LNDSCP               | PV  | 171346   | 004 | 00701     | 4,482.67  | 6909602        |
|        |          |         |               | SRV-JUL'20           |     |          |     |           | .,        | 000002         |
|        |          |         |               | LNDSCP               | PV  | 171346   | 006 | 00701     | 1,090.00  | 6909602        |
|        |          |         |               | SRV-JUL'20           |     |          |     |           | 1,000,000 | 000002         |
|        |          |         |               | Payment Amount       |     |          |     | 12,157.55 | _         |                |
| 85655  | 08/18/20 | 18859   | CALABASAS     | RFND                 | PV  | 171431   | 001 | 00101     | 300.86    | 9999362        |
|        |          |         | BLUE LLC      | BAL-CLOSED           |     |          |     |           | 200.00    | 333332         |
|        |          |         |               | A/C                  |     |          |     |           |           |                |
|        |          |         |               | Payment Amount       |     |          |     | 300.86    | -         |                |
| 85656  | 08/18/20 | 2964    | CA DEPARTMENT | SALES/USE            | PV  | 171445   | 001 | 00701     | 400.00    | 97-817885/073  |
|        |          |         | OF TAX&FEE    | TAX-JUL'20           |     | 777140   | 001 | 00.01     | 400.00    | 120            |
|        |          |         | ADMINISTRATIO |                      |     |          |     |           |           | 120            |
|        |          |         | N             |                      |     |          |     |           |           |                |
|        |          |         |               | Payment Amount       |     |          |     | 400.00    | =         |                |
| 85657  | 08/18/20 | 18660   | CHEMTREAT,    | JUL'20 WTR           | PV  | 171347   | 001 | 00701     | 739.86    | CIN010007062   |
|        |          |         | INC.          | TRMNT                |     | 11 1041  | 501 | 00101     | 733.00    | CING 10007 002 |
|        |          |         |               | Payment Amount       |     |          |     | 739.86    | =         |                |
| 85658  | 08/18/20 | 21605   | RUSSELL J.    | RFND BAL-661         | PV  | 171450   | በሰተ | 00701     | 2,619.80  | D0066460       |
|        |          |         | COSTA         | COLD CYN             | 1 ¥ | 171400   | 001 | 00701     | 2,019,00  | R0066150       |
|        |          |         |               | 0025 0111            |     |          |     |           |           |                |

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| Pa <sub>)</sub><br>Number | ment<br>Date | Address<br>Number | Name   | Payment Stub Message    | <br>Ту | Document Number | Itm | Key<br>Co | Amount    | Invoice<br>Number |
|---------------------------|--------------|-------------------|--|-------------------------|--------|-----------------|-----|-----------|-----------|-------------------|
| ··-                       |              | - ·               |  | INT-BAL@661<br>COLD CYN | PV     | 171451          | 001 | 00701     | 51.22     | R0066150/INT      |
|                           |              |                   |  | Payment Amount          |        |                 |     | 2,671     | 1.02      |                   |
| 85659                     | 08/18/20     | 3790              | COUNTY OF LA - AUDITOR CONTROLLER                | LAFCO ALOCTN<br>FY20-21 | PV     | 171446          | 001 | 00701     | 25,601.18 | LAFCO/20-21       |
|                           |              |                   |  | Payment Amount          |        |                 |     | 25,601    | 1.18      |                   |
| 85660                     | 08/18/20     | 21596             | DANE COYLE                                       | RFND                    | PV     | 171433          | 001 | 00101     | 173,12    | 9999786-08269     |
|                           |              |                   | CUSTOM HOMES,                                    | BAL-CLOSED              |        |                 |     |           |           | 5                 |
|                           |              |                   | INC.   | A/C                     |        |                 |     |           |           | _                 |
|                           |              |                   |  | Payment Amount          |        |                 |     | 173       | 3.12      |                   |
| 85661                     | 08/18/20     | 2601              | DELL COMPUTER                                    | PROSPPRT PLUS           | PV     | 171383          | 001 | 00701     | 851,20    | 10411950569       |
|                           |              |                   | CORP   | TO 8/25/22              |        |                 |     |           |           | 7511775555        |
|                           |              | Alt Payee         | 7819 DELL MARKET<br>P.O. BOX 9109<br>PASADENA CA | 16                      |        |                 |     |           |           |                   |
|                           |              |                   |  | Payment Amount          |        |                 |     | 851       | .20       |                   |
| 85662                     | 08/18/20     | 2605              | DELTA PACIFIC                                    | CLEANER &               | PV     | 171280          | 001 | 00701     | 499,87    | 5471              |
|                           |              |                   | INDUSTRIES                                       | RUST ELIMNTR            |        |                 |     |           |           | 0471              |
|                           |              |                   |  | Payment Amount          |        |                 |     | 499       | 9,87      |                   |
| 85663                     | 08/18/20     | 19033             | DENOVO   | 7/20~7/22               | PV     | 171375          | 001 | 00701     | 2,773.75  | 68169             |
|                           |              |                   | VENTURES, LLC                                    | JDE-KRNOS               |        |                 |     |           | _,,,,_,,  | 00103             |
|                           |              |                   |  | INTRGN                  |        |                 |     |           |           |                   |
|                           |              |                   |  | 7/29~7/31               | PV     | 171376          | 001 | 00701     | 4,877.50  | 68248             |
|                           |              |                   |  | JDE-KRNOS               |        |                 |     |           | ,         |                   |
|                           |              |                   |  | INTRGN                  |        |                 |     |           |           |                   |
|                           |              |                   |  | SEP'20 DIST             | PV     | 171454          | 001 | 00701     | 4,938.00  | 68137             |
|                           |              |                   |  | RVCRY                   |        |                 |     |           | ,         |                   |
|                           |              |                   |  | Payment Amount          |        |                 | -   | 12,589    | 0,25      |                   |
| 85664                     | 08/18/20     | 11330             | DIAL SECURITY                                    | 8/20 SEC                | PV     | 171436          | 001 | 00701     | 355,00    | 382240            |
|                           |              |                   |  | SRV-HQ                  |        |                 |     |           |           |                   |
|                           |              |                   |  | 8/20 SEC                | PV     | 171437          | 001 | 00701     | 271,00    | 382241            |
|                           |              |                   |  | SRV-TAPIA               |        |                 |     |           |           |                   |
|                           |              |                   |  | 8/20 SEC                | PV     | 171438          | 001 | 00701     | 35.00     | 382242            |
|                           |              |                   |  | SRV-RLV                 |        |                 |     |           |           |                   |
|                           |              |                   |  | 8/20 SEC                | PV     | 171439          | 001 | 00701     | 35.00     | 382243            |
|                           |              |                   |  | SRV-RLV FARM            |        |                 |     |           |           |                   |
|                           |              |                   |  | 8/20 SEC                | PV     | 171440          | 001 | 00701     | 125,00    | 382244            |
|                           |              |                   |  | SRV-WLK                 |        |                 |     |           |           |                   |
|                           |              |                   |  | 8/20 SEC                | PV     | 171441          | 001 | 00701     | 35,00     | 382245            |
|                           |              |                   |  |                         |        |                 |     |           |           |                   |

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Batch Number -

Bank Account -

281648

|        | ment     | Address   |          | Name                   | Payment Stub Message                            |             | Document. , |     | Key    | Amount   | Invoice       |
|--------|----------|-----------|----------|------------------------|---|-------------|-------------|-----|--------|----------|---------------|
| Number | Date     | Number    |          |                        |   | <u>Ty</u> _ | Number      | itm | Co     |          | Number        |
|        |          |           |          |                        | SRV-WLK P/S                                     |             |             |     |        |          |               |
|        |          |           |          |                        | 8/20 SEC  | PV          | 171442      | 001 | 00701  | 147.00   | 382246        |
|        |          |           |          |                        | SRV-IT ROOM                                     |             |             |     |        |          |               |
|        |          |           |          |                        | 8/20 CELL                                       | PV          | 171443      | 001 | 00701  | 15,00    | 382247        |
|        |          |           |          |                        | PLAN-RLV  |             |             |     |        |          |               |
|        |          |           |          |                        | 8/20 SEC  | PV          | 171444      | 001 | 00701  | 114.00   | 382248        |
|        |          |           |          |                        | SRV-OPS   |             |             |     |        |          |               |
|        |          |           |          |                        | Payment Amount                                  |             |             |     | 1,132  | .00      |               |
| 85665  | 08/18/20 | 18111     | ELECSYS  |                        | JUL'20 MTR                                      | PV          | 171348      | 001 | 00701  | 310,00   | SIP-E120149   |
|        |          |           | INTERNA  | TIONAL                 | DVC MAINT                                       |             |             |     |        |          |               |
|        |          |           | CORPOR   | ATION                  |   |             |             |     |        |          |               |
|        |          |           |          |                        | Payment Amount                                  |             |             |     | 310    | .00      |               |
| 85666  | 08/18/20 | 21597     | ROBERT   | ELMORE                 | RFND  | PV          | 171434      | 001 | 00101  | 104.73   | 810374-071889 |
|        |          |           |          |                        | BAL-CLOSED                                      |             |             |     |        |          |               |
|        |          |           |          |                        | A/C   |             |             | _   |        |          |               |
|        |          |           |          |                        | Payment Amount                                  |             |             |     | 104    | .73      |               |
| 85667  | 08/18/20 | 14591     | EMISSION | N                      | EMISSION  | PV          | 171356      | 001 | 00701  | 1,659.00 | PSO4927       |
|        |          |           | COMPLIA  | NT                     | TEST-7/29                                       |             |             |     |        |          |               |
|        |          |           | CONTRO   | LS                     |   |             |             |     |        |          |               |
|        |          |           | CORP.    |                        |   |             |             |     |        |          |               |
|        |          | Alt Payee | 2        |                        | LIANT CONTROLS CORP.<br>NAVE., SUITE 130<br>162 |             |             |     |        |          |               |
|        |          |           |          |                        | Payment Amount                                  |             |             |     | 1,659  | .00      |               |
| 85668  | 08/18/20 | 20639     | EPD      |                        | RFND  | PV          | 171432      | 001 | 00101  | 910.72   | 074039        |
|        |          |           | CONSULT  | ANTS                   | BAL-CLOSED                                      |             |             |     |        |          |               |
|        |          |           | INC.     |                        | A/C   |             |             |     |        |          |               |
|        |          |           |          |                        | Payment Amount                                  |             |             |     | 910.   | .72      |               |
| 85669  | 08/18/20 | 6770      | G.I.     |                        | 7/16~7/31                                       | PV          | 171298      | 001 | 00701  | 1,295.13 | 2953814-0283- |
|        |          |           | INDUSTR  | IES                    | SHOP BLDG                                       |             |             |     |        |          | 9             |
|        |          | Alt Payee | 6771 (   | G.I. INDUSTRIES        |   |             |             |     |        |          |               |
|        |          | <b>,</b>  |          | P. O. BOX 541065       |   |             |             |     |        |          |               |
|        |          |           |          | OS ANGELES CA          | 90054-1065                                      |             |             |     |        |          |               |
|        |          |           |          |                        | Payment Amount                                  |             |             |     | 1,295. | 13       |               |
| 85670  | 08/18/20 | 18175     | GOLD CO  | AST                    | FLW MTR   | PV          | 171447      | 001 | 00751  | 2,250.00 | 12596         |
|        |          |           | ENVIRON  |                        | VERFCTN-RLV                                     | •           | 111771      | 201 | 50,01  | 2,230,00 | 12990         |
|        |          |           |          | ·· - · · - <del></del> | FLWMTR  | PV          | 171448      | 001 | 00130  | 2,250.00 | 40507         |
|        |          |           |          |                        | VERFCTN-L/S                                     | • •         | סררו זו     | 001 | 00100  | 2,230.00 | 12597         |
|        |          |           |          |                        | FLW MTR   | PV          | 171449      | 004 | 00764  | 9 950 00 | 4855          |
|        |          |           |          |                        | VERFCTN-TAPIA                                   | rv          | 17 1449     | 001 | 00751  | 2,250.00 | 12598         |
|        |          |           |          |                        | AEKLO I M-TANIA                                 |             |             |     |        |          |               |

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Bank Account - 00146807 Cash-General

|        | yment     | Address     | Name                             | Payment Stub Message    |             | Document |            | Key       | Amount      | Invoice     |
|--------|-----------|-------------|----------------------------------|-------------------------|-------------|----------|------------|-----------|-------------|-------------|
| Number | Date      | Number      |                                  | <del></del>             | <u>Ty</u> _ | Number   | <u>Itm</u> | Co        |             | Number      |
| 85671  | 0014.0400 | 5045        | _                                | Payment Amount          |             |          |            | 6,750.00  | •           |             |
| 656/1  | 08/18/20  | 9646        | GRAYBAR                          | ANALOG INPUT            | PV          | 171378   | 001        | 00101     | 1,063.37    | 9316908411  |
|        |           |             | ELECTRIC CO.                     | CARD                    |             |          |            |           |             |             |
|        |           |             |                                  | FOUNTAIN LOCK           | PV          | 171379   | 001        | 00701     | 177.33      | 9316908412  |
|        |           |             |                                  | OUTS                    |             |          |            |           |             |             |
| 95672  | 08/18/20  | 48670       |                                  | Payment Amount          |             |          |            | 1,240.70  | 1           |             |
| 03072  | 08/18/20  | 18679       | GSE                              | RTN#4-TP                | PD          | 171452   | 001        | 00754     | 2,470.00-   | 10667/RTN#4 |
|        |           |             | CONSTRUCTION,                    | HDWRK REHAB             |             |          |            |           |             |             |
|        |           |             | INC.                             |                         |             |          |            |           |             |             |
|        |           |             |                                  | PMT#4-TP                | PV          | 171453   | 001        | 00701     | 49,400.00   | 10667/PMT#4 |
|        |           |             |                                  | HDWRK REHAB             |             |          | •          |           | <u> </u>    |             |
| 85673  | 08/18/20  | 4525        |                                  | Payment Amount          |             |          |            | 46,930.00 | •           |             |
| 03073  | 00/10/20  | 4525        | HARRINGTON                       | PIPE CLAMPS             | PV          | 171303   | 001        | 00751     | 197.81      | 005C9824    |
|        |           |             | INDUSTRIAL                       |                         |             |          |            |           |             |             |
|        |           |             | PLASTICS INC.                    |                         |             |          |            |           |             |             |
|        |           | Alt Payee   | 7132 HARRINGTON                  | INDUSTRIAL PLASTICS LLC |             |          |            |           |             |             |
|        |           |             | P. O. BOX 5128                   | <b>!</b>                |             |          |            |           |             |             |
|        |           |             | CHINO CA 917                     | 08-5128                 |             |          |            |           |             |             |
|        |           |             |                                  | Payment Amount          |             |          |            | 197.81    | _           |             |
| 85674  | 08/18/20  | 20856       | INTERNATIONAL                    | 5,000 #10               | PV          | 171362   | 001        | 00701     | 725.99      | 22386       |
|        |           |             | PRINTING &                       | ENVELOPES               |             |          |            |           |             |             |
|        |           |             | TYPESETTING                      |                         |             |          |            |           |             |             |
|        |           |             | INC                              |                         |             |          |            |           |             |             |
|        |           |             |                                  | Payment Amount          |             |          |            | 725,99    | <br>!       |             |
| 85675  | 08/18/20  | 20823       | INVOICE CLOUD                    | IC FEE-JUL'20           | PV          | 171370   | 001        | 00701     | 4,931.50    | 964-2020_7  |
|        |           |             | INC.                             |                         |             |          |            |           |             | _           |
|        |           |             |                                  | Payment Amount          |             |          |            | 4,931.50  |             |             |
| 85676  | 08/18/20  | 21537       | IOSIGHT LTD                      | 10%-IGREEN              | PV          | 171373   | 001        | 00701     | 3,300,00    | 2688        |
|        |           |             |                                  | DATA MGMT               |             |          |            |           |             |             |
|        |           |             |                                  | Payment Amount          |             |          |            | 3,300.00  | <del></del> |             |
| 85677  | 08/18/20  | 2581        | JOHN CRANE,                      | RPR                     | PV          | 171306   | 001        | 00701     | 3,907.86    | 20/1139495  |
|        |           |             | INC.                             | MECHANCIAL              |             |          |            |           |             |             |
|        |           |             |                                  | SEALS                   |             |          |            |           |             |             |
|        |           |             |                                  | RPR                     | PV          | 171306   | 002        | 00701     | 30.88       | 20/1139495  |
|        |           |             |                                  | MECHANCIAL              |             |          |            |           |             |             |
|        |           |             |                                  | SEALS                   |             |          |            |           |             |             |
|        |           | Alt Payee   | 3350 JOHN CRANE I                | N/C                     |             |          |            |           |             |             |
|        |           | . at a dyec | 3350 JOHN CRANE I<br>24929 NETWO |                         |             |          |            |           |             |             |
|        |           |             |                                  | =0                      |             |          |            |           |             |             |

CHICAGO IL 60673-1249

Payment Amount

3,938.74

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| •     | ment     | Address   |        | Name            | Payment Stub Message |     | Document |     | Key   | Amount   | Invoice                                 |
|-------|----------|-----------|--------|-----------------|----------------------|-----|----------|-----|-------|----------|---|
| mber  | Date     | Number    |        |                 |                      | Ту  | Number   | ltm | Co    |          | Number                                  |
| 5678  | 08/18/20 | 3352      | LAS V  | IRGENES         | EQS TNK              | PV  | 171333   | 001 | 00101 | 356,47   | 0896/080520                             |
|       |          |           | MUNIC  |                 | 6/23~7/29            |     |          |     |       |          |   |
|       |          |           | WATE   |                 |                      |     |          |     |       |          |   |
|       |          |           | DISTR  | ICT             |                      |     |          |     |       |          |   |
|       |          |           |        |                 | MORRSN P/S           | PV  | 171334   | 001 | 00751 | 33.72    | 0331/080520                             |
|       |          |           |        |                 | 6/25~7/30            |     |          |     |       |          |   |
|       |          |           |        |                 | IND HILLS            | PV  | 171335   | 001 | 00751 | 33.72    | 0558/080520                             |
|       |          |           |        |                 | 6/25~7/30            |     |          |     |       |          |   |
|       |          |           |        |                 | BD#8/RW              | PV  | 171337   | 001 | 00701 | 202.67   | 2652/080520                             |
|       |          |           |        |                 | 6/24~7/29            |     |          |     |       |          |   |
|       |          |           |        |                 | BD#8/RECL            | PV  | 171338   | 001 | 00701 | 232.92   | 2646/080520                             |
|       |          |           |        |                 | 6/24~7/29            |     |          |     |       |          |   |
|       |          |           |        |                 | BD#7/RW              | PV  | 171339   | 001 | 00701 | 223.74   | 2655/080520                             |
|       |          |           |        |                 | 6/24~7/29            |     |          |     |       |          |   |
|       |          |           |        |                 | RWPS                 | PV  | 171340   | 001 | 00701 | 275.84   | 2645/080520                             |
|       |          |           |        |                 | 6/24~7/29            |     |          |     |       |          |   |
|       |          |           |        |                 | RLV SOLAR            | PV  | 171341   | 001 | 00754 | 334.94   | 9999793/08052                           |
|       |          |           |        |                 | 6/30~7/31            |     |          |     |       |          | 0                                       |
|       |          |           |        |                 | HQ PWP/DEMO          | PV  | 171342   | 001 | 00751 | 171.80   | 0151/080520                             |
|       |          |           |        |                 | 6/24~7/29            |     |          |     |       |          |   |
|       |          |           |        |                 | WLK FLT              | PV  | 171343   | 001 | 00101 | 1,762.91 | 0907/080520                             |
|       |          |           |        |                 | 6/25~7/31            |     |          |     |       | .,       | *************************************** |
|       |          |           |        |                 | WLK FLT              | PV  | 171344   | 001 | 00101 | 315.63   | 0909/080520                             |
|       |          |           |        |                 | 6/25~7/31            |     |          |     |       |          | *************************************** |
|       |          |           |        |                 | Payment Amount       |     |          |     | 3,944 | .36      |   |
| 579   | 08/18/20 | 21600     | LUCID  | EA              | MAINT/SPRT           | PV  | 171377   | 001 | 00701 | 2,760.00 | INV22327                                |
|       |          |           | TECHN  | OLOGIES         | 9/1/20~8/31/2        |     |          |     |       | 2,700.00 | 114422321                               |
|       |          |           | (U.S.) | CORP            | 1                    |     |          |     |       |          |   |
|       |          |           |        |                 | Payment Amount       |     |          |     | 2,760 |          |   |
| 80    | 08/18/20 | 2814      | MCMA   | STER-CARR       | PARTS FOR            | PV  | 171380   | 001 | 00751 | 49,20    | 42737063                                |
|       |          |           | SUPPL  |                 | SUMP PUMP            |     | ,,,,,,,  | 00, | 00701 | 45.20    | 42737003                                |
|       |          |           |        |                 | PARTS FOR            | PV  | 171381   | 001 | 00751 | 2.057.41 | 42750000                                |
|       |          |           |        |                 | SUMP PUMP            |     | 111001   | 001 | 00731 | 2,057.41 | 42759020                                |
|       |          |           |        |                 | PARTS FOR            | PV  | 171382   | 001 | 00751 | 41E CC   | 40700004                                |
|       |          |           |        |                 | SUMP PUMP            | . • | 171302   | 001 | 00731 | 115,66   | 42796984                                |
|       |          | Alt Payee | 3197   | MC MASTER-CAR   | :R                   |     |          |     |       |          |   |
|       |          |           |        | P. O. BOX 7690  |                      |     |          |     |       |          |   |
|       |          |           |        | CHICAGO IL 6068 | 0-7690               |     |          |     |       |          |   |
|       | 5040m-   |           |        |                 | Payment Amount       |     |          |     | 2,222 | .27      |   |
| აშ1 - | 08/18/20 | 14322     | MILES  |                 | 2-55 GAL             | PV  | 171281   | 001 | 00751 | 596.23   | 601385                                  |

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Bank Account -

| Payment        | Address | Name          | Payment Stub Message |           | . Document |            | Key   | Amount             | Invoice        |
|----------------|---------|---------------|----------------------|-----------|------------|------------|-------|--------------------|----------------|
| Number Date    | Number  | <del> </del>  |                      | <u>Ty</u> | Number     | <u>ltm</u> | Co    | Amount             | Number         |
|                |         | CHEMICAL      | HYPOCHLORITE         |           |            |            |       |                    |                |
|                |         | COMPANY, INC  |                      |           |            |            |       |                    |                |
|                |         |               | Payment Amount       |           |            |            | 596   | .23                |                |
| 85682 08/18/20 | 2642    | NAPA AUTO     | MERCOM VATE          | PV        | 171278     | 001        | 00701 | 111.97             | 4206-944290    |
|                |         | PARTS         | & DEF                |           |            |            |       |                    |                |
|                |         |               | ATF & OIL            | PV        | 171279     | 001        | 00701 | 128.44             | 4206-944655    |
|                |         |               | Payment Amount       |           |            |            | 240   | <del></del><br>.41 |                |
| 85683 08/18/20 | 20772   | NATIONAL      | MAY'20 ELEC          | PV        | 171308     | 001        | 00701 | 69.67              | 877961         |
|                |         | PAYMENT CORP. | PAYSTUBS             |           |            |            |       |                    |                |
|                |         |               | JUN'20 ELEC          | PV        | 171309     | 001        | 00701 | 69.49              | 884683         |
|                |         |               | PAYSTUBS             |           |            |            |       |                    |                |
|                |         |               | JUL'20 ELEC          | PV        | 171310     | 001        | 00701 | 89.44              | 893255         |
|                |         |               | PAYSTUBS             |           |            |            |       |                    |                |
|                |         |               | Payment Amount       |           |            |            | 228   | .60                |                |
| 85684 08/18/20 | 2846    | NATIONAL      | CLEAN L/S-2          | PV        | 171305     | 001        | 00701 | 5,187.50           | 15827          |
|                |         | PLANT         | 6/1 & 6/2            |           |            |            |       | •                  |                |
|                |         | SERVICES INC  |                      |           |            |            |       |                    |                |
|                |         |               | Payment Amount       |           |            |            | 5,187 | .50                |                |
| 85685 08/18/20 | 2302    | OFFICE DEPOT  | LAMINATED            | PV        | 171364     | 001        | 00701 | 74.71              | 105359361001   |
|                |         |               | POUCH                |           |            |            |       |                    | 100000001001   |
|                |         |               | INK CARTRIDGE        | PV        | 171365     | 001        | 00701 | 19.70              | 108859217001   |
|                |         |               | MISC OFFICE          | PV        | 171366     |            | 00701 | 107.55             | 108856428001   |
|                |         |               | SUPPLIES             |           |            |            | 00.01 | 107.53             | 100030428001   |
|                |         |               | WRIST REST           | PV        | 171367     | 001        | 00701 | 6.56               | 108859218001   |
|                |         |               | Payment Amount       | • •       | 111001     |            | 208   |                    | 1008332 1800 1 |
| 85686 08/18/20 | 20334   | PRUDENTIAL    | 7/20                 | PV        | 171313     | 001        | 00701 | 68.50              | 172002204      |
|                |         | OVERALL       | UNFRMS/MATS/T        |           | 171010     | 001        | 00701 | 00.30              | 172003291      |
|                |         | SUPPLY        | WLS                  |           |            |            |       |                    |                |
|                |         | 00.121        | 7/20                 | ΡV        | 171313     | 002        | 00701 | 64.07              | 47000004       |
|                |         |               | UNFRMS/MATS/T        | - •       | 17 13 13   | 002        | 00701 | 61.87              | 172003291      |
|                |         |               | WLS                  |           |            |            |       |                    |                |
|                |         |               | 7/20                 | PV        | 171214     | 001        | 00704 | 00.50              | 47000 4070     |
|                |         |               |                      | PV        | 171314     | 001        | 00701 | 68.50              | 172004676      |
|                |         |               | UNFRMS/MATS/T<br>WLS |           |            |            |       |                    |                |
|                |         |               | 7/20                 | PV        | 171211     | 000        | 00704 | 24.27              | 4=             |
|                |         |               |                      | PV        | 171314     | 002        | 00701 | 61.87              | 172004676      |
|                |         |               | UNFRMS/MATS/T<br>WLS |           |            |            |       |                    |                |
|                |         |               |                      | DV.       | 474245     | 004        | 00704 | 00.50              |                |
|                |         |               | 7/20                 | PV        | 171315     | UU1        | 00701 | 68.50              | 172006043      |
|                |         |               | UNFRMS/MATS/T        |           |            |            |       |                    |                |
|                |         |               | WLS                  | Ps 4      | 4          |            |       |                    |                |
|                |         |               | 7/20                 | PV        | 171315     | 002        | 00701 | 61.87              | 172006043      |

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| Payment     | Address | Name | Payment Stub Message |             | . Document |     | Key   | Amount | Invoice   |
|-------------|---------|------|----------------------|-------------|------------|-----|-------|--------|-----------|
| Number Date | Number  |      | <del></del>          | <u>Ty</u> . | Number     | Itm | Co    |        | Number    |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171316     | 001 | 00701 | 68.50  | 172007384 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171316     | 002 | 00701 | 61.87  | 172007384 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171317     | 001 | 00701 | 68.50  | 172008753 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171317     | 002 | 00701 | 61.87  | 172008753 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171318     | 001 | 00701 | 9.60   | 172003435 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171318     | 002 | 00701 | 21.44  | 172003435 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171319     | 001 | 00701 | 9.60   | 172004836 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171319     | 002 | 00701 | 21.44  | 172004836 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171320     | 001 | 00701 | 9.60   | 172006186 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | ΡV          | 171320     | 002 | 00701 | 21.44  | 172006186 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | ΡV          | 171321     | 001 | 00701 | 9.60   | 172007545 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171321     | 002 | 00701 | 21.44  | 172007545 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      | 7/20                 | PV          | 171322     | 001 | 00701 | 9.60   | 172008881 |
|             |         |      | UNFRMS/MATS/T        |             |            |     |       |        |           |
|             |         |      | WLS                  |             |            |     |       |        |           |
|             |         |      |                      |             |            |     |       |        |           |

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| Payment     | Address | Name | Payment Stub Message |    | Document |     | Key   | Amount | Invoice   |
|-------------|---------|------|----------------------|----|----------|-----|-------|--------|-----------|
| Number Date | Number  |      |                      | Ту | Number   | ltm | Со    | Amount | Number    |
|             |         |      | 7/20                 | PV | 171322   | 002 | 00701 | 21.44  | 172008881 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171323   | 001 | 00701 | 309.13 | 172003289 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171324   | 001 | 00701 | 309.13 | 172004674 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171325   | 001 | 00701 | 309.13 | 172006041 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171326   | 001 | 00701 | 309.13 | 172007382 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171327   | 001 | 00701 | 309.13 | 172008751 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171328   | 001 | 00701 | 33.20  | 172003290 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171328   | 002 | 00701 | 30.83  | 172003290 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171329   | 001 | 00701 | 33.20  | 172004675 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171329   | 002 | 00701 | 30.83  | 172004675 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171330   | 001 | 00701 | 33.20  | 172006042 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171330   | 002 | 00701 | 30.83  | 172006042 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171331   | 001 | 00701 | 33.20  | 172007383 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |
|             |         |      | WLS                  |    |          |     |       |        |           |
|             |         |      | 7/20                 | PV | 171331   | 002 | 00701 | 30.83  | 172007383 |
|             |         |      | UNFRMS/MATS/T        |    |          |     |       |        |           |

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| Pay<br>Number | /ment<br>Date | Address<br>Number | Name                                  | Payment Stub Message              | <br>Ту | Document  | . Itm | Key<br>Co         | Amount    | Invoice<br>Number |
|---------------|---------------|-------------------|---------------------------------------|-----------------------------------|--------|-----------|-------|-------------------|-----------|-------------------|
|               |               |                   |                                       | WLS                               |        |           |       |                   |           | Hamby             |
|               |               |                   |                                       | 7/20<br>UNFRMS/MATS/T             | PV     | 171332    | 001   | 00701             | 33.20     | 172008752         |
|               |               |                   |                                       | WLS<br>7/20<br>UNFRMS/MATS/T      | PV     | 171332    | 002   | 00701             | 30.83     | 172008752         |
|               |               |                   |                                       | WLS                               |        |           |       |                   | _         |                   |
| 85687         | 08/18/20      | 20124             | RON'S<br>PORTABLE                     | Payment Amount WELD RPR-INGLESIDE | PV     | 171283    | 001   | 2,672.85<br>00101 | 330.00    | 6707              |
|               |               |                   | WELDING                               | WAY<br>Payment Amount             |        |           |       | 330.00            |           |                   |
| 85688         | 08/18/20      | 20779             | SAND MATERIALS & AGGREGATE SALES, INC | 24.5 TN FILL<br>SAND              | PV     | 171363    | 001   | 00701             | 497.82    | 74021             |
| 85689         | 08/18/20      | 21603             |                                       | Payment Amount                    | D) (   | <b>/=</b> |       | 497.82            | _         |                   |
| 3325          | 331,0120      | 21000             | PARVIN<br>SHIREHJINI                  | RFND<br>BAL-CLOSED<br>A/C         | PV     | 171435    | 001   | 00101             | 1,378.39  | 084226            |
|               |               |                   |                                       | Payment Amount                    |        |           |       | 1,378.39          | _         |                   |
| 85690         | 08/18/20      | 20412             | SHRED-IT USA<br>LLC                   | JUL'20 DOC<br>SHRDG SRV           | PV     | 171374    | 001   | 00701             | 198.71    | 8180148808        |
| 85691         | 08/18/20      | 2957              | SOUTHERN<br>CALIFORNIA                | Payment Amount ENERGY CHG-JUL'20  | PV     | 171296    | 001   | 198.71<br>00101   | 4,702.15  | 2869/080420       |
|               |               |                   | EDISON                                |                                   |        |           |       |                   |           |                   |
|               |               |                   |                                       | ENERGY<br>CHG-JUL'20              | PV     | 171296    | 002   | 00101             | 701.00    | 2869/080420       |
|               |               |                   |                                       | ENERGY<br>CHG-JUL'20              | PV     | 171296    | 003   | 00101             | 10.95     | 2869/080420       |
|               |               |                   |                                       | ENERGY<br>CHG-JUL'20              | PV     | 171296    | 004   | 00101             | 14.85     | 2869/080420       |
|               |               |                   |                                       | ENERGY<br>CHG-JUL'20              | PV     | 171296    | 005   | 00101             | 12.38     | 2869/080420       |
|               |               |                   |                                       | ENERGY<br>CHG-JUL'20              | PV     | 171296    | 006   | 00101             | 5,213.10  | 2869/080420       |
|               |               |                   |                                       | ENERGY<br>CHG-JUL'20              | PV     | 171296    | 007   | 00101             | 14,130.14 | 2869/080420       |
|               |               |                   |                                       | ENERGY<br>CHG-JUL'20              | PV     | 171296    | 800   | 00101             | 1,589.55  | 2869/080420       |

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| Payment     | Address | Name         | Payment Stub Message |    | Document |     | Key   | Amount    | Invoice     |
|-------------|---------|--------------|----------------------|----|----------|-----|-------|-----------|-------------|
| Number Date | Number  | <del>-</del> |                      | Ту | Number   | ltm | Co    | Amount    | Number      |
|             |         |              | ENERGY               | PV | 171296   | 009 | 00101 | 557.04    | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 010 | 00101 | 4,399.57  | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 011 | 00101 | 12.23     | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 012 | 00101 | 243.02    | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 013 | 00101 | 8,359.60  | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 014 | 00101 | 54,616,86 | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 015 | 00101 | 81,925.28 | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 016 | 00101 | 14.94     | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 017 | 00101 | 603.16    | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 018 | 00101 | 2,178.35  | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 019 | 00101 | 7,839.28  | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 020 | 00101 | 60.65     | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 021 | 00101 | 143,63    | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 022 | 00101 | 6,389.26  | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 023 | 00101 | 15.17     | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 024 | 00101 | 16.94     | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 025 | 00101 | 521.84    | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 026 | 00101 | 14.63     | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 027 | 00101 | 9,856.86  | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 028 | 00101 | 11,318.72 | 2869/080420 |
|             |         |              | CHG-JUL'20           |    |          |     |       |           |             |
|             |         |              | ENERGY               | PV | 171296   | 029 | 00101 | 3,031.23  | 2869/080420 |

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Bank Account -

| Payment    | Address | Name | Payment Stub Message |    | Document |     | Key   | A         | Invoice     |
|------------|---------|------|----------------------|----|----------|-----|-------|-----------|-------------|
| umber Date | Number  |      | <u> </u>             | Тy | Number   | ltm | Co    | Amount    | Number      |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 030 | 00101 | 2,368.56  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 031 | 00101 | 6,405.19  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 032 | 00101 | 25,616.99 | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 033 | 00101 | 8,748.19  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 034 | 00101 | 3,262.95  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 035 | 00101 | 1,006.92  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 036 | 00101 | 13.29     | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 037 | 00101 | 24.71     | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 038 | 00101 | 1,054.48  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 039 | 00101 | 3,771.62  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       | •         |             |
|            |         |      | ENERGY               | PV | 171296   | 040 | 00101 | 4,619.72  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 041 | 00101 | 10.95     | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 042 | 00101 | 16.21     | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 043 | 00101 | 14.35     | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 044 | 00101 | 252.81    | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 045 | 00101 | 15.01     | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 046 | 00101 | 1,300.11  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       | •         |             |
|            |         |      | ENERGY               | PV | 171296   | 047 | 00101 | 7.93      | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 048 | 00101 | 7.94      | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       |           |             |
|            |         |      | ENERGY               | PV | 171296   | 049 | 00101 | 1,032.06  | 2869/080420 |
|            |         |      | CHG-JUL'20           |    |          |     |       | .,        |             |

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| Pay<br>Number | ment<br>Date | Address<br>Number | Name                                  | Payment Stub Message | <br>Ту                  | Document Number | Itm | Key<br>Co | Amount            | Invoice<br>Number |
|---------------|--------------|-------------------|---------------------------------------|----------------------|-------------------------|-----------------|-----|-----------|-------------------|-------------------|
| _             |              | <del></del> -     | · · · · · · · · · · · · · · · · · · · | ENERGY               | - <del> ,</del><br>- PV | 171296          | 050 | 00101     | 22.78             | <del></del>       |
|               |              |                   |                                       | CHG-JUL'20           | . •                     | 171230          | 030 | 00101     | 22.10             | 2869/080420       |
|               |              |                   |                                       | ENERGY               | PV                      | 171296          | 051 | 00101     | 462.40            | 00001000400       |
|               |              |                   |                                       | CHG-JUL'20           | . •                     | 17 (230         | 001 | 00101     | 402.40            | 2869/080420       |
|               |              |                   |                                       | ENERGY               | PV                      | 171296          | 052 | 00101     | 1,899.70          | 20001000420       |
|               |              |                   |                                       | CHG-JUL'20           | . •                     | 11 1230         | 032 | 00101     | 1,055.70          | 2869/080420       |
|               |              |                   |                                       | ENERGY               | PV                      | 171296          | 053 | 00101     | 2,375,65          | 0000000400        |
|               |              |                   |                                       | CHG-JUL'20           |                         | 11 1230         | 000 | 00101     | 2,373,05          | 2869/080420       |
|               |              |                   |                                       | ENERGY               | PV                      | 171296          | 054 | 00101     | 1,187.82          | 2869/080420       |
|               |              |                   |                                       | CHG-JUL'20           |                         | 17 1250         | 054 | 00101     | 1,107.02          | 2009/080420       |
|               |              |                   |                                       | Payment Amount       |                         |                 | -   | 283,990.  | 72                |                   |
| 85692         | 08/18/20     | 2958              | SOUTHERN                              | TAPIA 7/2~8/3        | PV                      | 171299          | 001 | 00751     | 936.49            | 4000/080520       |
|               |              |                   | CALIFORNIA                            |                      | . •                     | 77 12.00        | 001 | 00751     | 200,45            | 4000/080520       |
|               |              |                   | GAS CO                                |                      |                         |                 |     |           |                   |                   |
|               |              |                   |                                       | RANCHO               | PV                      | 171300          | 001 | 00751     | 270,62            | 4200/080520       |
|               |              |                   |                                       | 7/2~8/3              | -                       |                 |     |           | 1,0,02            | 4200/000320       |
|               |              |                   |                                       | CORNELL              | PV                      | 171301          | 001 | 00101     | 5,374.34          | 0400/080520       |
|               |              |                   |                                       | 7/2~8/3              |                         |                 |     |           | 0,01 1,01         | 0400000020        |
|               |              |                   |                                       | HQ & OPS             | PV                      | 171302          | 001 | 00701     | 557.06            | 3600/080520       |
|               |              |                   |                                       | 7/2~8/3              |                         |                 |     |           | 55.155            | 0500,000020       |
|               |              |                   |                                       | Payment Amount       |                         |                 |     | 7,138.    | <del></del><br>51 |                   |
| 85693         | 08/18/20     | 21595             | SOUTHERN                              | MEMBERSHIP FY        | PV                      | 171276          | 001 | 00701     | 5,000,00          | 1380              |
|               |              |                   | CALIFORNIA                            | 20-21                |                         |                 |     |           | -,                | 1000              |
|               |              |                   | WATER                                 |                      |                         |                 |     |           |                   |                   |
|               |              |                   | COALITION                             |                      |                         |                 |     |           |                   |                   |
|               |              |                   |                                       | Payment Amount       |                         |                 |     | 5,000.    | 00                |                   |
| 85694         | 08/18/20     | 14479             | STEPHEN'S                             | VIDEO SRV JPA        | PV                      | 171371          | 001 | 00701     | 1,000.00          | 7-30-20           |
|               |              |                   | VIDEO                                 | MTGS-JUL'20          |                         |                 |     |           | ,                 |                   |
|               |              |                   | PRODUCTIONS                           |                      |                         |                 |     |           |                   |                   |
|               |              |                   |                                       | VIDEO SRV LV         | PV                      | 171372          | 001 | 00701     | 1,000.00          | 7-31-20           |
|               |              |                   |                                       | MTGS-JUL'20          |                         |                 |     |           | ·                 |                   |
|               |              |                   |                                       | Payment Amount       |                         |                 |     | 2,000.    | 00                |                   |
| 85695         | 08/18/20     | 3789              | T & T TRUCK &                         | P/S CRANE            | PV                      | 171355          | 001 | 00701     | 780.00            | 0147535-IN        |
|               |              |                   | CRANE SERVICE                         | SRV-7/27             |                         |                 |     |           |                   |                   |
|               |              |                   |                                       | Payment Amount       |                         |                 |     | 780.      | 00                |                   |
| 85696         | 08/18/20     | 20971             | THOUSAND OAKS                         | WTR                  | PV                      | 171282          | 001 | 00701     | 2,500,00          | 25539837          |
|               |              |                   | PLUMBING INC.                         | HEATER-BLDG2         |                         |                 |     |           |                   |                   |
|               |              |                   |                                       | Payment Amount       |                         |                 |     | 2,500.    | 00                |                   |
| 85697         | 08/18/20     | 19135             | TRANSUNION                            | BAD DEBT             | PV                      | 171277          | 001 | 00701     | 246.00            | 974571/JUL'20     |
|               |              |                   | RISK &                                | SEARCH-JUL'20        |                         |                 |     |           |                   |                   |
|               |              |                   | ALTERNATIVE                           |                      |                         |                 |     |           |                   |                   |

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| Pa     | yment    | Address | Name          | Payment Stub Message |             | Document |     | Key   | A           | Invoice     |
|--------|----------|---------|---------------|----------------------|-------------|----------|-----|-------|-------------|-------------|
| Number | Date     | Number  |               |                      | Ту          | Number   | ltm | Co    | Amount      | Number      |
|        |          |         | DATA SOLUT    |                      |             |          |     |       |             |             |
|        |          |         |               | Payment Amount       |             |          |     | 24    | 6.00        |             |
| 85698  | 08/18/20 | 21295   | VERTICAL      | JUL'20 ELEV          | PV          | 171455   | 001 | 00701 | 290.00      | 8098        |
|        |          |         | ELEVATOR      | SRV                  |             |          |     |       | 2           | 5550        |
|        |          |         | SOLUTIONS,    |                      |             |          |     |       |             |             |
|        |          |         | INC.          |                      |             |          |     |       |             |             |
|        |          |         |               | Payment Amount       |             |          |     | 20    | 0.00        |             |
| 85699  | 08/18/20 | 2436    | VINCE BARNES  | SENSORS/MOUNT        | PV          | 171349   | 001 | 00701 | 1,035,36    | 024660      |
|        |          |         | AUTOMOTIVE    | S/SRV-#890           |             | 11 10 10 |     | 00701 | 1,033,36    | 024860      |
|        |          |         |               | OIL/FLTRS-#88        | PV          | 171350   | 001 | 00701 | 561.22      | 224004      |
|        |          |         |               | 0                    |             | 11 1050  | 001 | 00701 | 301.22      | 024661      |
|        |          |         |               | EXCHG CONSL          | PV          | 171351   | 001 | 00701 | 220.00      | 20.4070     |
|        |          |         |               | FROM 922 TO          |             | 17 1001  | 001 | 00/01 | 330.00      | 024676      |
|        |          |         |               | 924                  |             |          |     |       |             |             |
|        |          |         |               | SRV                  | PV          | 171252   | 001 | 00704 | 10.1.51     |             |
|        |          |         |               | TRAN/OIL/FLTR        | rv          | 171352   | 001 | 00701 | 434.54      | 024677      |
|        |          |         |               |                      |             |          |     |       |             |             |
|        |          |         |               | S-#817               | D) (        | 474050   |     |       |             |             |
|        |          |         |               | OIL/FLTRS-#87        | PV          | 171353   | 001 | 00701 | 88.31       | 024682      |
|        |          |         |               | 7<br>OII (ELTER #00  | <b>51</b> / | 474564   |     |       |             |             |
|        |          |         |               | OIL/FLTRS-#92        | PV          | 171354   | 001 | 00701 | 99.37       | 024685      |
|        |          |         |               | 1                    |             |          |     |       |             |             |
| 85700  | 08/18/20 | 3034    | VODTEV        | Payment Amount       |             |          |     | 2,54  |             |             |
| 00100  | 001025   | 3004    | VORTEX        | ROLL UP DOOR         | PV          | 171273   | 001 | 00751 | 888.00      | 01-1447950  |
|        |          |         | INDUSTRIES    | MAINT                |             |          |     |       |             |             |
|        |          |         |               | ROLL UP DOOR         | PV          | 171274   | 001 | 00701 | 1,338.00    | 01-01447947 |
|        |          |         |               | MAINT                |             |          |     |       | <del></del> |             |
| 05701  | 004970   | 40504   |               | Payment Amount       |             |          |     | 2,22  | 6,00        |             |
| 85701  | 08/18/20 | 18521   | WALTON MOTORS | MIXER                | PV          | 171386   | 001 | 00701 | 16,182.55   | 41953       |
|        |          |         | & CONTROLS,   | REBLD-S/N            |             |          |     |       |             |             |
|        |          |         | INC.          | 23054                |             |          |     |       |             |             |
|        |          |         |               | MIXER                | PV          | 171387   | 001 | 00701 | 16,182.55   | 41954       |
|        |          |         |               | REBLD-S/N            |             |          |     |       |             |             |
|        |          |         |               | 23052                |             |          |     |       |             |             |
|        |          |         |               | REBLD                | PV          | 171388   | 001 | 00701 | 2,832.00    | 41972       |
|        |          |         |               | MOTOR-CNTRT          |             |          |     |       |             |             |
|        |          |         |               | TNK                  |             |          |     |       |             |             |
|        |          |         |               | REBLD                | PV          | 171456   | 001 | 00701 | 9,365.62    | 41996       |
|        |          |         |               | MOTOR-MCCOY          |             |          |     |       |             |             |
|        |          |         |               | P/S                  |             |          |     |       |             |             |
|        |          |         |               | Payment Amount       |             |          |     | 44,56 | 2.72        |             |
| 85702  | 08/18/20 | 3047    | WESCO         | MOUNTING             | PV          | 171360   | 001 | 00701 | 7.31        | 019830      |
|        |          |         |               |                      |             |          |     |       |             |             |

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281648

| Payn<br>Number | nent<br>Date | Address<br>Number |                  | Name  | Payment Stub Message                    | <br>Ту            | . Document Number | Itm | Key<br>Co | Amount   | Invoice    |
|----------------|--------------|-------------------|------------------|---|---|-------------------|-------------------|-----|-----------|----------|------------|
|                |              |                   | DISTRI           | BUTION,   | HARDWARE                                | - <del>'y</del> - | Number            |     |           |          | Number     |
|                |              |                   | INC.             | ,   | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   |                   |     |           |          |            |
|                |              |                   |                  |   | CIRCUIT                                 | PV                | 171361            | 001 | 00701     | 372.07   | 019831     |
|                |              |                   |                  |   | BREAKERS                                |                   |                   |     |           | 0,2,0,   | 013001     |
|                |              | Alt Payee         | 6443             | WESCO DISTRIBU<br>PO BOX 31001-040<br>PASADENA CA 91° | 65                                      |                   |                   |     |           |          |            |
|                |              |                   |                  |   | Payment Amount                          |                   | •                 |     | 37        | 9,38     |            |
| 85703 C        | 08/18/20     | 19524             |                  | WATER   | CHOPPER PUMP                            | PV                | 171357            | 001 | 00701     | 4,076.69 | 3556B31994 |
|                |              |                   | SOLUT<br>USA, IN |   |   |                   |                   |     |           |          |            |
|                |              |                   | , <sub>1</sub> , | .0  | CHOPPER PUMP                            | PV                | 171357            | 002 | 00701     | 253.00   | 3556B31994 |
|                |              |                   |                  |   | CHOPPER PUMP                            | PV                | 171358            | 001 | 00701     | 530,53   | 3556B32238 |
|                |              |                   |                  |   | CHOPPER PUMP                            | PV                | 171358            | 002 | 00701     | .01      | 3556B32238 |
|                |              |                   |                  |   | INSTL                                   | PV                | 171359            | 001 | 00701     | 414.18   | 3556B33066 |
|                |              |                   |                  |   | KIT-CHOPPER                             |                   |                   |     |           |          |            |
|                |              |                   |                  |   | PMP                                     |                   |                   |     |           |          |            |
|                |              |                   |                  |   | INSTL                                   | PV                | 171359            | 002 | 00701     | .01      | 3556B33066 |
|                |              |                   |                  |   | KIT-CHOPPER                             |                   |                   |     |           |          |            |
|                |              |                   |                  |   | PMP                                     |                   |                   |     |           |          |            |
|                |              | Alt Payee         | 19683            | XYLEM WATER SO<br>26717 NETWORK<br>CHICAGO IL 60673   |   |                   |                   |     |           |          |            |
|                |              |                   |                  |   | Payment Amount                          |                   | •                 |     | 5,27      | 4.42     |            |
|                |              |                   |                  |   | Total Amount of Payments                | Writte            | n                 |     | 511,68    |          |            |
|                |              |                   |                  |   | Total Number of Payments                | Writte            | n                 | 55  |           |          |            |

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Bank Account -

| Pay           | ment       | Address | Name               | Payment Stub Message     |      | Document |            | Key    | Amount   | Invoice                    |
|---------------|------------|---------|--------------------|--------------------------|------|----------|------------|--------|----------|----------------------------|
| <b>Vumber</b> | Date       | Number  |                    |                          | Ту   | Number   | <u>ltm</u> | Co     |          | Number                     |
| 85704         | 08/25/20   | 21566   | AECOM<br>TECHNICAL | P/E 7/24 MTR<br>REPLCMNT | PV   | 171504   | 001        | 00701  | 9,012.18 | 2000390790                 |
|               |            |         | SERVICES,          |                          |      |          |            |        |          |                            |
|               |            |         | INC.               | D 44                     |      |          |            |        |          |                            |
| 85705         | 08/25/20   | 5753    | AMERICAN           | Payment Amount           | D) ( | 474404   | 004        | 9,012. |          |                            |
| 20.00         | V0.120.120 | 0.00    | PUBLIC WORKS       | MBRSHP<br>10/20~9/21     | PV   | 171464   | 001        | 00701  | 370.00   | 134152/20-21               |
|               |            |         | ASSOCIATION        | 10/20~9/21               |      |          |            |        |          |                            |
|               |            |         | ASSOCIATION        | Payment Amount           |      |          |            | 370.   | 00       |                            |
| 85706         | 08/25/20   | 20695   | AT&T               | SRV 7/5~8/4              | PV   | 171518   | 001        | 00101  | 104.68   | 0051/090520                |
|               |            |         | Alui               | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 49.85    | 0051/080520<br>0051/080520 |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 64.31    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 748.59   | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 677.89   | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 53,92    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 49.85    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 49.85    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 49.85    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   |            | 00101  | 49,85    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   | 011        | 00101  | 49.85    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   | 012        | 00101  | 49.85    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   | 013        | 00101  | 212.51   | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   | 014        | 00101  | 49.85    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   | 015        | 00101  | 24.92    | 0051/080520                |
|               |            |         |                    | SRV 7/5~8/4              | PV   | 171518   | 016        | 00101  | 24.93    | 0051/080520                |
|               |            |         |                    | Payment Amount           |      |          |            | 2,310. | <br>55   |                            |
| 85707         | 08/25/20   | 2869    | AT&T               | SRV 8/7~9/6              | PV   | 171471   | 001        | 00101  | 200,82   | 2045/080720                |
|               |            |         |                    | SRV 8/7~9/6              | PV   | 171472   | 001        | 00101  | 67.07    | 0123/080720                |
|               |            |         |                    | SRV 8/7~9/6              | PV   | 171473   | 001        | 00101  | 33.03    | 0124/080720                |
|               |            |         |                    | SRV 8/7~9/6              | PV   | 171474   | 001        | 00101  | 405.67   | 2043/080720                |
|               |            |         |                    | SRV 8/5~9/4              | PV   | 171475   | 001        | 00101  | 342.18   | 9054/080520                |
|               |            |         |                    | SRV 8/14~9/13            | PV   | 171515   | 001        | 00701  | 49,91    | 4639/081420                |
|               |            |         |                    | Payment Amount           |      |          |            | 1,098. | 68       |                            |
| 85708         | 08/25/20   | 20424   | AT&T               | RLV U-VERSE              | PV   | 171470   | 001        | 00751  | 69.55    | 5778/081020                |
|               |            |         |                    | 8/11~9/10                |      |          |            |        |          |                            |
|               |            |         |                    | Payment Amount           |      |          |            | 69.    | 55       |                            |
| 85709         | 08/25/20   | 9631    | AT&T LONG          | LONG DIST                | PV   | 171517   | 001        | 00701  | 3.87     | 806368136/080              |
|               |            |         | DISTANCE           | 7/1~8/1                  |      |          |            |        |          | 420                        |
|               |            |         |                    | LONG DIST                | PV   | 171517   | 002        | 00701  | 11.03    | 806368136/080              |
|               |            |         |                    | 7/1~8/1                  |      |          |            |        |          | 420                        |
|               |            |         |                    | Payment Amount           |      |          |            | 14.    | 90       |                            |

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Bank Account - 00146807 Cash-General

Address Name Payment Stub Message . . . Document . . . Key Invoice . . . Payment . . . Amount Date Number Number Ту Number ltm Co Number 85710 08/25/20 20698 **BATTERIES** BTTRY-ALARM & PV 171416 001 00751 249,23 P29409156 **PLUS** PSSR WSHR Payment Amount 249.23 85711 08/25/20 20655 CANNON P/E 7/31 PWP PV 171499 001 00701 202.50 73200 CORPORATION PR DSGN P/E 7/31 PV 171500 001 00701 206.25 73208 MULHND BRDG P/E 7/31 TANK PV 171501 001 00701 101.00 73281 REHAB P/E 7/31 TANK PV 171501 002 00701 101.00 73281 REHAB P/E 7/31 DSGN PV 171502 001 00701 2,571.75 73212 SRV INTRCNT Payment Amount 3,182.50 85712 08/25/20 18107 CAROLLO P/E 7/31-PWP PV 171423 001 00701 5,732.75 0189566 ENGINEERING, FUND GRANT INC Payment Amount 5,732.75 85713 08/25/20 18992 CDW 2 MO ACROBAT PV 171467 001 00701 30,92 ZQD3350 GOVERNMENT PRO-GM Alt Payee 19010 **CDW GOVERNMENT** 75 REMITTANCE DR., SUITE 1515 CHICAGO IL 60675-1515 Payment Amount 30,92 85714 08/25/20 2786 PIPE FITTINGS CEDAR VALLEY PV 171413 001 00751 9,46 130458 **PLUMBING** SUPPLY Payment Amount 9.46 85715 08/25/20 2539 CITY OF SIMI PCH WTR PV 171430 001 00101 6.67 70199092 VALLEY 7/6~7/8 Payment Amount 6.67 85716 08/25/20 4586 CONSOLIDATED CONDUIT PV 171417 001 00701 184,80 9009-412060 **ELECTRICAL** DISTRIBUTORS Payment Amount 184.80 85717 08/25/20 2547 COUNTY TAPIA GRIT 171519 001 00751 276.26 48892/JUL'20 SANITATION HAULING-JUL'2 DISTRICTS OF LA COUNTY Payment Amount 276.26

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| Pay<br>Number | ment<br>Date | Address<br>Number | S Name                                   | Payment Stub Message   | <br>Ту | Document Number | Itm | Key<br>Co      | Amount     | Invoice<br>Number  |
|---------------|--------------|-------------------|--|--|--------|-----------------|-----|----------------|------------|--------------------|
| 85718         | 08/25/20     | 6966              | CS-AMSCO                                 | RPLC<br>GEARBX/ACTUAT<br>OR  | PV     | 171509          | 001 | 00701          | 5,828.69   | 16135              |
| 85719         | 08/25/20     | 18441             | EMPLOYEE<br>RELATIONS<br>NETWORK         | Payment Amount 3-EE BACKGROUND CHECKS                                | PV     | 171466          | 001 | 5,828<br>00701 | .69 386.51 | 88345              |
| 85720         | 08/25/20     | 7217              | ENGINEERING<br>NEWS-RECORD               | Payment Amount ENR-DIGITAL 10/20~10/21                               | PV     | 171468          | 001 | 386<br>00701   | 60,00      | 4038/MBR/20-2<br>1 |
| 85721         | 08/25/20     | 2655              | FERGUSON<br>ENTERPRISES,<br>LLC          | Payment Amount GATE VALVES   | PV     | 171498          | 001 | 60<br>00701    | 1,073.10   | 0725459            |
|               |              | Alt Payee         | P. O. BOX                                | ELES CA 90074-0827   |        |                 |     | 4.070          |            |                    |
| 85722         | 08/25/20     | 21055             | FIRESTONE COMPLETE AUTO CARE BRIDGESTONE | Payment Amount (4) TIRES/ALIGN-# 923                                 | PV     | 171527          | 001 | 1,073<br>00701 | 878.69     | 194266             |
|               |              | Alt Payee         | 1100 E. T.                               | NE COMPLETE AUTO CARE<br>HOUSAND OAKS BLVD.<br>ND OAKS CA 91362-2815 |        |                 |     |                |            |                    |
| 85723         | 08/25/20     | 21529             | FRAKER FIRE<br>PROTECTION,<br>INC.       | Payment Amount<br>SRV 49 FIRE<br>EXT-HQ                              | PV     | 171530          | 001 | 878<br>00701   | 4,323.06   | 816012             |
|               |              |                   |  | SRV 2 FIRE<br>EXT-WLK  | PV     | 171531          | 001 | 00701          | 113.88     | 816013             |
|               |              |                   |  | SRV 14 FIRE<br>EXT-TAPIA   | PV     | 171532          | 001 | 00701          | 1,136.61   | 816014             |
|               |              |                   |  | ANNL FIRE EXT  | PV     | 171533          | 001 | 00701          | 313.25     | 815310             |
| 85724         | 08/25/20     | 20970             | GARDA CL<br>WEST, INC.                   | Payment Amount<br>8/20 ARMORED<br>TRNSPT SRV                         | PV     | 171508          | 001 | 5,886<br>00701 | 325,37     | 10584322           |
| 85725         | 08/25/20     | 21612             | TAMARA GOINS                             | Payment Amount<br>RFND   | PV     | 171524          | 001 | 325<br>00101   | 814.27     | 070586             |

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| Pay    | ment     | Address   |        | Name                                | Payment Stub Message                |             | Document | -          | Key A    | mount     | Invoice    |
|--------|----------|-----------|--------|-------------------------------------|-------------------------------------|-------------|----------|------------|----------|-----------|------------|
| Number | Date     | Number    |        | <del></del>                         | · · · · · · · · · · · · · · · · · · | <u>Ty</u> _ | Number   | <u>Itm</u> | Со       |           | Number     |
|        |          |           |        |                                     | BAL-CLOSED                          |             |          |            |          |           |            |
|        |          |           |        |                                     | A/C                                 |             |          |            |          | _         |            |
|        |          |           |        |                                     | Payment Amount                      |             |          |            | 814.27   |           |            |
| 85726  | 08/25/20 | 2701      | GRAIN  | GER,                                | MAGNETIC PUMP                       | PV          | 171395   | 001        | 00701    | 133.04    | 9602326499 |
|        |          |           | INC.   |                                     |                                     |             |          |            |          |           |            |
|        |          |           |        |                                     | FACESHIELDS                         | PV          | 171396   | 001        | 00701    | 204.90    | 9608074143 |
|        |          |           |        |                                     | CART/TRAYS/GL                       | PV          | 171397   | 001        | 00701    | 445.28    | 9608074135 |
|        |          |           |        |                                     | OVES                                |             |          |            |          |           |            |
|        |          | Alt Payee | 5453   | GRAINGER, INC.                      |                                     |             |          |            |          |           |            |
|        |          |           |        | DEPT 805178142                      |                                     |             |          |            |          |           |            |
|        |          |           |        | PALATINE IL 60038                   | -0001                               |             |          |            |          | _         |            |
|        |          |           |        |                                     | Payment Amount                      |             |          |            | 783,22   |           |            |
| 85727  | 08/25/20 | 19548     | GRM    |                                     | JUL'20 REC                          | PV          | 171510   | 001        | 00701    | 294.86    | 0409706    |
|        |          |           | INFORM | MATION                              | STORE/SHRED                         |             |          |            |          |           |            |
|        |          |           | MANAG  | SEMENT                              |                                     |             |          |            |          |           |            |
|        |          |           | SERVIC | CES-CA                              |                                     |             |          |            |          |           |            |
|        |          |           |        |                                     | JUL'20                              | PV          | 171511   | 001        | 00701    | 310.92    | 0409707    |
|        |          |           |        |                                     | RECORDS                             |             |          |            |          |           |            |
|        |          |           |        |                                     | STORAGE                             |             |          |            |          | _         |            |
|        |          |           |        |                                     | Payment Amount                      |             |          |            | 605.78   |           |            |
| 85728  | 08/25/20 | 2705      | HACH ( | COMPANY                             | CONTROLLER                          | PV          | 171476   | 001        | 00701    | 163,80    | 12055007   |
|        |          |           |        |                                     | DOOR ASSMBLY                        |             |          |            |          |           |            |
|        |          | Alt Payee | 6442   | HACH COMPANY                        |                                     |             |          |            |          |           |            |
|        |          |           |        | 2207 COLLECTION<br>CHICAGO IL 60693 |                                     |             |          |            |          |           |            |
|        |          |           |        |                                     | Payment Amount                      |             |          |            | 163,80   | -         |            |
| 85729  | 08/25/20 | 4409      | HARRIS | S &                                 | STNDBY CHGS                         | PV          | 171503   | 001        | 00701    | 2,340.00  | 45758      |
|        |          |           | ASSOC  |                                     | 6/28~7/25                           |             |          | ,          |          | 2,0 10.00 | 101.00     |
|        |          |           | INC.   | •                                   |                                     |             |          |            |          |           |            |
|        |          |           |        |                                     | Payment Amount                      |             |          |            | 2,340.00 | -         |            |
| 85730  | 08/25/20 | 8304      | IFM EF | ECTOR                               | PRESSURE                            | PV          | 171459   | 001        | 00751    | 496.95    | 40524725   |
|        |          |           | INC.   |                                     | TRANSMITTER                         |             |          |            |          |           |            |
|        |          |           |        |                                     | Payment Amount                      |             |          |            | 496,95   | -         |            |
| 85731  | 08/25/20 | 10102     | INFOSE | END INC.                            | 7/1~7/29 BILL                       | PV          | 171424   | 001        | 00701    | 9,014.77  | 176049     |
|        |          |           |        |                                     | PMT MLNG                            |             |          |            |          |           |            |
|        |          |           |        |                                     | Payment Amount                      |             |          |            | 9,014.77 | -         |            |
| 85732  | 08/25/20 | 20856     | INTERN | NATIONAL                            | COMPOST SIGN                        | PV          | 171528   | 001        | 00701    | 208.05    | 22378      |
|        |          |           | PRINTI | NG &                                |                                     |             |          |            |          |           |            |
|        |          |           | TYPES  | ETTING                              |                                     |             |          |            |          |           |            |
|        |          |           | INC    |                                     |                                     |             |          |            |          |           |            |
|        |          |           |        |                                     |                                     |             |          |            |          |           |            |

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Bank Account -

| Pay<br>Number | ment<br>Date | Address<br>Number | Name                       | Payment Stub Message | <br>Ту | Document | Itm | Key<br>Co | mount    | Invoice<br>Number |
|---------------|--------------|-------------------|----------------------------|----------------------|--------|----------|-----|-----------|----------|-------------------|
|               |              |                   |                            | CURRENT FLOW<br>#3   | PV     | 171529   |     |           | 2,220.18 | 22390             |
|               |              |                   |                            | Payment Amount       |        |          |     | 2,428.23  |          |                   |
| 85733         | 08/25/20     | 16775             | JR'S                       | ISCO                 | PV     | 171415   | 001 | 00751     | 1,150.00 | 1012              |
|               |              |                   | ENVIRONMENTAL              | REPAIR-TAPIA         |        |          |     |           |          |                   |
|               |              |                   | SERVICES                   |                      |        |          |     |           |          |                   |
|               |              |                   |                            | Payment Amount       |        |          |     | 1,150.00  |          |                   |
| 85734         | D8/25/20     | 5230              | KENNEDY/JENKS              | P/E 6/26-TWN         | PV     | 171525   | 001 | 00701     | 547.50   | 139742            |
|               |              |                   | CONSULTANTS                | LKS PS DSGN          |        |          |     |           |          |                   |
|               |              |                   |                            | Payment Amount       |        |          |     | 547.50    |          |                   |
| 85735         | 08/25/20     | 2611              | LA DWP                     | RECTIFIER            | PV     | 171513   | 001 | 00101     | 48.33    | 017698/081320     |
|               |              |                   |                            | 7/14~8/13            |        |          |     |           |          |                   |
|               |              |                   |                            | RECTIFIER            | PV     | 171514   | 001 | 00101     | 42.96    | 503850/081420     |
|               |              |                   |                            | 7/15~8/14            |        |          |     |           |          |                   |
|               |              |                   |                            | Payment Amount       |        |          |     | 91.29     |          |                   |
| 85736         | 08/25/20     | 2610              | LOS ANGELES                | WST INSPCT           | PV     | 171465   | 001 | 00701     | 349.00   | P000325695/20     |
|               |              |                   | COUNTY DEPT,               | FEE 8/20~8/21        |        |          |     |           |          | -21               |
|               |              |                   | OF PUBLIC                  |                      |        |          |     |           |          |                   |
|               |              |                   | WORKS                      |                      |        |          |     |           |          |                   |
|               |              |                   |                            | Payment Amount       |        |          |     | 349.00    |          |                   |
| 85737         | 08/25/20     | 3514              | LOS ANGELES                | NOD                  | PV     | 171523   | 001 | 00201     | 75.00    | 10556/NOD         |
|               |              |                   | COUNTY                     | FEE-INTERCONN        |        |          |     |           |          |                   |
|               |              |                   | REGISTRAR-REC<br>ORDER     | PROJ                 |        |          |     |           |          |                   |
|               |              |                   |                            | Payment Amount       |        |          |     | 75.00     |          |                   |
| 85736         | 08/25/20     | 2814              | MCMASTER-CARR<br>SUPPLY CO | NUTS & STUDS         | PV     | 171402   | 001 | 00751     | 301.27   | 43153761          |
|               |              |                   |                            | O-RINGS              | PV     | 171403   | 001 | 00701     | 14.52    | 43152989          |
|               |              |                   |                            | TEFLON TAPE &        | PV     | 171404   | 001 | 00101     | 202.73   | 43073128          |
|               |              |                   |                            | FITTINGS             |        |          |     |           |          |                   |
|               |              |                   |                            | O-RINGS              | PV     | 171405   | 001 | 00701     | 17.28    | 43360717          |
|               |              |                   |                            | CLAMPS               | PV     | 171406   | 001 | 00101     | 140.82   | 43297824          |
|               |              |                   |                            | CR-#42585727         | PD     | 171407   | 001 | 00101     | 59.85-   | 42928569          |
|               |              |                   |                            | PARTS-INSTALL        | PV     | 171408   | 001 | 00101     | 1,152.70 | 43364228          |
|               |              |                   |                            | SHADES               |        |          |     |           |          |                   |
|               |              |                   |                            | CONCRETE             | PV     | 171461   | 001 | 00101     | 68.87    | 43240378          |
|               |              |                   |                            | ANCHORS              |        |          |     |           |          |                   |
|               |              |                   |                            | MAINT                | PV     | 171462   | 001 | 00101     | 159.01   | 43498585          |
|               |              |                   |                            | SPPLY-WLK            |        |          |     |           |          |                   |
|               |              |                   |                            | BOLTS & HOSE         | PV     | 171463   | 001 | 00751     | 415.76   | 43444204          |
|               |              |                   |                            | FITTINGS             |        |          |     |           |          |                   |

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| Pay    | ment     | Address   |        | Name             | Payment Stub Message |    | Document |            | Key       | Amount                                  | Invoice     |  |
|--------|----------|-----------|--------|------------------|----------------------|----|----------|------------|-----------|---|-------------|--|
| Number | Date     | Number    |        |                  |                      | Ту | Number   | <u>ltm</u> | Co        | Amount                                  | Number      |  |
|        |          |           |        |                  | GAS ENGINE           | PV | 171520   | 001        | 00101     | 135,66                                  | 43789170    |  |
|        |          |           |        |                  | SUPPLIES             |    |          |            |           |   |             |  |
|        |          |           |        |                  | HOSE FITTINGS        | PV | 171521   | 001        | 00751     | 202.45                                  | 43717600    |  |
|        |          | Alt Payee | 3197   | MC MASTER-CAR    | ₹                    |    |          |            |           |   |             |  |
|        |          |           |        | P. O. BOX 7690   |                      |    |          |            |           |   |             |  |
|        |          |           |        | CHICAGO IL 60680 | -7690                |    |          |            |           |   |             |  |
|        |          |           |        |                  | Payment Amount       |    |          |            | 2,751,2   | <u></u>                                 |             |  |
| 85739  | 08/25/20 | 21558     | MICHAE | LK.              | P/E 7/31-TP          | PV | 171506   | 001        | 00701     | 7,381.50                                | 7984        |  |
|        |          |           | NUNLEY | / &              | OUTFALL REHAB        |    |          |            |           |   |             |  |
|        |          |           | ASSOCI | ATES,            |                      |    |          |            |           |   |             |  |
|        |          |           | INC.   |                  |                      |    |          |            |           |   |             |  |
|        |          |           |        |                  | P/E                  | PV | 171507   | 001        | 00701     | 3,130,69                                | 7983        |  |
|        |          |           |        |                  | 7/31-CNTRT           |    |          |            |           |   |             |  |
|        |          |           |        |                  | VALVE DSGN           |    |          |            |           |   |             |  |
|        |          |           |        |                  | Payment Amount       |    |          | -          | 10,512,19 | <del></del><br><del>)</del>             |             |  |
| 85740  | 08/25/20 | 14322     | MILES  |                  | 53 GAL               | PV | 171460   | 001        | 00751     | 217.94                                  | 602032      |  |
|        |          |           | CHEMIC | AL               | HYPOCHLORITE         |    |          |            |           |   |             |  |
|        |          |           | COMPA  | NY, INC          |                      |    |          |            |           |   |             |  |
|        |          |           |        |                  | Payment Amount       |    |          |            | 217.94    | <u> </u>                                |             |  |
| 85741  | 08/25/20 | 2839      | MOTION | N .              | V-BELTS              | PV | 171483   | 001        | 00701     | 165,32                                  | CA22-657482 |  |
|        |          |           | INDUST | RIES,            |                      |    |          |            |           |   |             |  |
|        |          |           | INC.   |                  |                      |    |          |            |           |   |             |  |
|        |          |           |        |                  | LIFT CYLINDER        | PV | 171484   | 001        | 00701     | 1,899.03                                | CA22-657413 |  |
|        |          |           |        |                  | PNEUMATIC            | PV | 171485   | 001        | 00701     | 801.70                                  | CA22-657417 |  |
|        |          |           |        |                  | PARTS                |    |          |            |           |   |             |  |
|        |          | Alt Payee | 10317  | MOTION INDUSTR   | IES INC              |    |          |            |           |   |             |  |
|        |          | ·,        | 10011  | FILE 749376      | ico ino.             |    |          |            |           |   |             |  |
|        |          |           |        | LOS ANGELES CA   | 90074                |    |          |            |           |   |             |  |
|        |          |           |        |                  | Payment Amount       |    |          |            | 2,866,0   | <u>—</u><br>5                           |             |  |
| 85742  | 08/25/20 | 16754     | NATURA | AL.              | AUG'20 FLORAL        | PV | 171495   | 001        | 00701     | 235,00                                  | 7494        |  |
|        |          |           |        | UNDINGS          | MAINT                |    |          |            |           |   |             |  |
|        |          |           |        |                  | Payment Amount       |    |          |            | 235,00    | <br>D                                   |             |  |
| 85743  | 08/25/20 | 16372     | OLIN   |                  | 4,754 GAL            | PV | 171398   | 001        | 00701     | 4,004.41                                | 2860243     |  |
|        |          |           |        | RATION -         | HYPOCHLORITTE        |    |          |            |           | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 2002.0      |  |
|        |          |           | CHLOR  |                  |                      |    |          |            |           |   |             |  |
|        |          |           |        |                  | 4,494 GAL            | PV | 171399   | 001        | 00701     | 3,785.41                                | 2861298     |  |
|        |          |           |        |                  | HYPOCHLORITTE        |    |          |            |           |   |             |  |
|        |          |           |        |                  | 4,870 GAL            | PV | 171400   | 001        | 00701     | 4,102.12                                | 2861737     |  |
|        |          |           |        |                  | HYPOCHLORITE         |    |          | '          |           | .,                                      | 2 // 01     |  |
|        |          |           |        |                  | 4,882 GAL            | PV | 171401   | 001        | 00701     | 4,112.23                                | 2864392     |  |
|        |          |           |        |                  | -,                   |    |          | V- '       | -3.5.     | 1,112.20                                | 200-1002    |  |

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| Pay<br>Number | rment<br>Date | Address<br>Number | s Name                                  | Payment Stub Message                               | <br>Ту | Document | Itm | Key<br>Co | Amount   | Invoice<br>Number |
|---------------|---------------|-------------------|---|--|--------|----------|-----|-----------|----------|-------------------|
|               |               | ·                 |   | HYPOCHLORITE<br>4,904 GAL<br>HYPOCHLORITE          | PV     | 171480   | 001 |           | 4,130.76 | 2865825           |
|               |               | Alt Payee         | P.O. BOX                                | PORATION - CHLOR ALKALI<br>402766<br>GA 30384-2766 |        |          |     |           |          |                   |
|               |               |                   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Payment Amount                                     |        |          |     | 20,134    | 93       |                   |
| 85744         | 08/25/20      | 20728             | OLIVAREZ                                | LEGAL  | PV     | 171428   | 001 | 00701     | 9,564.74 | 140/073120        |
|               |               |                   | MADRUGA<br>LEMIEUX &                    | SRV-JULY'20  |        |          |     |           | 4,,,     | . 15.57 5125      |
|               |               |                   | O'NEILL                                 | _  |        |          |     |           |          |                   |
| 05745         | 08/25/20      | 18946             |   | Payment Amount                                     |        |          |     | 9,564     |          |                   |
| 65745         | 08/25/20      | 10940             | PACIFIC ADVANCED CIVIL ENGINEERING,     | P/E 7/31<br>CHLOR TANK<br>RPLC                     | PV     | 171505   | 001 | 00701     | 328.75   | 4185              |
|               |               |                   | INC.                                    |  |        |          |     |           |          |                   |
|               |               |                   |   | Payment Amount                                     |        |          |     | 328       | 3.75     |                   |
| 85746         | 08/25/20      | 2585              | PURETEC                                 | 8/1~10/31 DI<br>RENTAL                             | PV     | 171477   | 001 | 00701     | 265,77   | 1818744           |
|               |               |                   |   | Payment Amount                                     |        |          |     | 265       | 5,77     |                   |
| 85747         | 08/25/20      | 21195             | RACHIO INC.                             | IRGTN<br>INSTALL-JUL'2<br>0                        | PV     | 171496   | 001 | 00701     | 575.40   | 344654            |
|               |               |                   |   | Payment Amount                                     |        |          |     | 575       | <br>i 40 |                   |
| 85748         | 08/25/20      | 21594             | RECYCLED WOOD PRODUCTS                  |  | PV     | 171389   | 001 | 00701     | 1,545.70 | 196886            |
|               |               |                   |   | 130 YDS WOOD<br>CHIPS                              | PV     | 171390   | 001 | 00701     | 1,545.70 | 196920            |
|               |               |                   |   | 130 YDS WOOD<br>CHIPS                              | PV     | 171391   | 001 | 00701     | 1,545.70 | 197087            |
|               |               |                   |   | 130 YDS WOOD<br>CHIPS                              | PV     | 171392   | 001 | 00701     | 1,545.70 | 197028            |
|               |               |                   |   | 130 YDS WOOD<br>CHIPS                              | PV     | 171393   | 001 | 00701     | 1,545.70 | 197258            |
|               |               |                   |   | 130 YDS WOOD<br>CHIPS                              | PV     | 171394   | 001 | 00701     | 1,545.70 | 197302            |
|               |               |                   |   | 130 YDS WOOD<br>CHIPS                              | PV     | 171481   | 001 | 00701     | 1,545.70 | 197392            |
|               |               |                   |   | 130 YDS WOOD                                       | PV     | 171482   | 001 | 00701     | 1,545,70 | 197434            |

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| Pay<br>Number | ment<br>Date | Address<br>Number | Name   | Payment Stub Message                      | <br>Ty | Document<br>Number | Itm | Key<br>Co         | Amount     | Invoice<br>Number |  |
|---------------|--------------|-------------------|--|---|--------|--------------------|-----|-------------------|------------|-------------------|--|
| 85749         | 08/25/20     | 20849             | RED HAWK FIRE<br>& SECURITY,<br>LLC                      | CHIPS Payment Amount FIRE ALARM TEST-5/11 | PV     | 171526             | 001 | 12,365.6<br>00701 | 0 2,500.00 | 3545424           |  |
|               |              | Alt Payee         | 20869 RED HAWK FIRE<br>P. O. BOX 512250<br>LOS ANGELES C |   |        |                    |     |                   |            |                   |  |
|               |              |                   |  | Payment Amount                            |        |                    |     | 2,500.0           | 0          |                   |  |
| 85750         | 08/25/20     | 21484             | RMG<br>COMMUNICATION<br>S                                | AMR/AMI VIDEO<br>SERIES                   | PV     | 171425             | 001 | 00701             | 1,978.75   | 1115              |  |
|               |              |                   |  | Payment Amount                            |        |                    |     | 1,978.7           | 5          |                   |  |
| 85751         | 08/25/20     | 17174             | ROTH STAFFING<br>COMPANIES, LP                           | TEMP SRV<br>7/20~7/24-D.P                 | PV     | 171491             | 001 | 00701             | 1,064.00   | 13912287          |  |
|               |              |                   |  | TEMP SRV<br>7/27~7/31-D.P                 | PV     | 171492             | 001 | 00701             | 866,36     | 13914560          |  |
|               |              |                   |  | TEMP SRV<br>8/3~8/7-D.P.                  | PV     | 171493             | 001 | 00701             | 1,064.00   | 13916878          |  |
|               |              |                   |  | Payment Amount                            |        |                    |     | 2,994.3           | 6          |                   |  |
| 85752         | 08/25/20     | 6766              | SAWYER<br>PETROLEUM                                      | 694 GAL RED<br>DIESEL                     | PV     | 171486             | 001 | 00701             | 1,461,23   | V157018           |  |
|               |              |                   |  | Payment Amount                            |        |                    |     | 1,461.2           | 3          |                   |  |
| 85753         | 08/25/20     | 20412             | SHRED-IT USA<br>LLC                                      | OFFSITE DOC<br>PURGE                      | PV     | 171426             | 001 | 00701             | 188.00     | 8180219519        |  |
| 85754         | 08/25/20     | 2958              |  | Payment Amount                            |        |                    |     | 188.0             |            |                   |  |
| 65754         | 00123120     | 2900              | SOUTHERN<br>CALIFORNIA<br>GAS CO                         | WLK P/S<br>7/1~8/1                        | PV     | 171512             | 001 | 00101             | 16.42      | 9400/080120       |  |
|               |              |                   |  | Payment Amount                            |        |                    |     | 16.4              | 2          |                   |  |
| 85755         | 08/25/20     | 16271             | SPOK, INC.   | PAGER SRV<br>8/11~9/10                    | PV     | 171516             | 001 | 00701             | 70.99      | D0143084T         |  |
|               |              |                   |  | PAGER SRV<br>8/11~9/10                    | PV     | 171516             | 002 | 00701             | 43.25      | D0143084T         |  |
|               |              |                   |  | Payment Amount                            |        |                    |     | 114,2             | 4          |                   |  |
| 85756         | 08/25/20     | 21252             | TYLER TECHNOLOGIES, INC.                                 | ERP<br>IMPLTN-7/17                        | PV     | 171427             | 001 | 00701             | 1,400.00   | 045-311065        |  |

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| Pay<br>Number | ment<br>Date | Address<br>Number | Name          | Payment Stub Message | <br>Ту | Document<br>Number | Itm | Key<br>Co | Amount     | Invoice<br>Number |
|---------------|--------------|-------------------|---------------|----------------------|--------|--------------------|-----|-----------|------------|-------------------|
| -             |              |                   |               | Payment Amount       |        |                    |     | 1,400     | .00        |                   |
| 85757         | 08/25/20     | 3006              | UNDERGROUND   | DIG SAFE             | PV     | 171421             | 001 | 00101     | 372.91     | DSB20194112       |
|               |              |                   | SERVICE ALERT | PERMIT FEE           |        |                    |     |           |            |                   |
|               |              |                   |               | 234                  | PV     | 171422             | 001 | 00101     | 396.10     | 720200418         |
|               |              |                   |               | TICKETS-JUL'2        |        |                    |     |           |            |                   |
|               |              |                   |               | 0                    |        |                    |     |           |            |                   |
|               |              |                   |               | Payment Amount       |        |                    |     | 769       | .01        |                   |
| 85758         | 08/25/20     | 2325              | UNITED        | 100KW PORTBL         | PV     | 171494             | 001 | 00701     | 153,300.00 | 184572817-001     |
|               |              |                   | RENTALS       | GENERATOR            |        |                    |     |           |            |                   |
|               |              |                   |               | Payment Amount       |        |                    |     | 153,300   | .00        |                   |
| 85759         | 08/25/20     | 21511             | URBAN WATER   | WEB PAGE             | PV     | 171429             | 001 | 00701     | 2,769.00   | 1380              |
|               |              |                   | GROUP, INC.   | SRV-6/10~7/15        |        |                    |     |           | ·          |                   |
|               |              |                   |               | Payment Amount       |        |                    |     | 2,769     | .00        |                   |
| 85760         | 08/25/20     | 20935             | US METRO      | JNTRL                | PV     | 171419             | 001 | 00701     | 8,771.00   | 102479            |
|               |              |                   | GROUP, INC.   | SRV-JUL'20           |        |                    |     |           | ·          |                   |
|               |              |                   |               | JNTRL.               | PV     | 171419             | 003 | 00701     | 2,468.27   | 102479            |
|               |              |                   |               | SRV-JUL'20           |        |                    |     |           | ·          |                   |
|               |              |                   |               | JNTRL.               | PV     | 171419             | 005 | 00701     | 202.46     | 102479            |
|               |              |                   |               | SRV-JUL'20           |        |                    |     |           |            |                   |
|               |              |                   |               | DISINFCT             | PV     | 171420             | 001 | 00701     | 2,773.50   | 102478            |
|               |              |                   |               | SRV-JUL'20           |        |                    |     |           |            |                   |
|               |              |                   |               | DISINFCT             | PV     | 171420             | 003 | 00701     | 2,773.50   | 102478            |
|               |              |                   |               | SRV-JUL'20           |        |                    |     |           | 4,         | 102.110           |
|               |              |                   |               | Payment Amount       |        |                    |     | 16,988    | .73        |                   |
| 85761         | 08/25/20     | 16947             | VENCO POWER   | TAPIA STREET         | PV     | 171414             | 001 | 00751     | 375.00     | 0005104-ON        |
|               |              |                   | SWEEPING, INC | SWEEPING             |        |                    |     |           | , , ,      |                   |
|               |              |                   |               | Payment Amount       |        |                    |     | 375       | .00        |                   |
| 85762         | 08/25/20     | 21611             | VENTURA       | NOD                  | PV     | 171522             | 001 | 00201     | 50.00      | 10556/NOD         |
|               |              |                   | COUNTY        | FEE-INTERCONN        |        |                    |     |           |            |                   |
|               |              |                   | CLERK-RECORDE | PROJ                 |        |                    |     |           |            |                   |
|               |              |                   | R             |                      |        |                    |     |           |            |                   |
|               |              |                   |               | Payment Amount       |        |                    |     | 50        | .00        |                   |
| 85763         | 08/25/20     | 2436              | VINCE BARNES  | IGNTN                | PV     | 171487             | 001 | 00701     | 274.50     | 024691            |
|               |              |                   | AUTOMOTIVE    | COIL/SRV-#811        |        |                    |     |           |            |                   |
|               |              |                   |               | REAR BRK             | PV     | 171488             | 001 | 00701     | 439.66     | 024697            |
|               |              |                   |               | PADS/SRV-#899        |        |                    |     |           |            |                   |
|               |              |                   |               | REAR PADS &          | PV     | 171489             | 001 | 00701     | 381.68     | 024705            |
|               |              |                   |               | ROTORS-#923          |        |                    | •   |           |            |                   |
|               |              |                   |               | OIL/FLTRS-#32        | PV     | 171490             | 001 | 00701     | 60.06      | 024710            |
|               |              |                   |               | 4                    | -      |                    |     |           |            | -2,110            |
|               |              |                   |               | Payment Amount       |        |                    |     | 1,155     |            |                   |

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| Payment<br>Number Date           |       | Address | Name          | Payment Stub Message |      | Document |            | Key    | Amount   | Invoice<br>Number |
|----------------------------------|-------|---------|---------------|----------------------|------|----------|------------|--------|----------|-------------------|
|                                  |       | Number  |               |                      | Ту   | Number   | <u>ltm</u> | Co     | Amount   |                   |
| 85764 08 <i>f</i> 25 <i>f</i> 20 | 5/20  | 3034    | VORTEX        | PM-ROLL UP           | PV   | 171409   | 001        | 00101  | 338.00   | 01-1447948        |
|                                  |       |         | INDUSTRIES    | DOOR-WLK             |      |          |            |        |          |                   |
|                                  |       |         |               | PM-ROLL UP           | PV   | 171410   | 001        | 00751  | 788.00   | 01-1447949        |
|                                  |       |         |               | DOOR-TAPIA           |      |          |            |        |          |                   |
|                                  |       |         |               | PM-ROLL UP           | PV   | 171411   | 001        | 00751  | 100.00   | 01-1449959        |
|                                  |       |         |               | DOOR-RLV             |      |          |            |        |          |                   |
|                                  |       |         |               | Payment Amount       |      |          |            | 1,226  | 5,00     |                   |
| 85765 08/2                       | 5/20  | 19685   | W. LITTEN     | SPRYFLD              | PV   | 171497   | 001        | 00701  | 5,846.50 | 20039             |
|                                  |       |         | INC.          | 8/3~8/7              |      |          |            |        |          |                   |
|                                  |       |         |               | SPRYFLD              | PV   | 171537   | 001        | 00701  | 5,600.92 | 20038             |
|                                  |       |         |               | 7/27~7/31            |      |          |            |        |          |                   |
|                                  |       |         |               | SPRYFLD              | PV   | 171538   | 001        | 00701  | 5,063,50 | 20040             |
|                                  |       |         |               | 8/10~8/14            |      |          |            |        | •        |                   |
|                                  |       |         |               | Payment Amount       |      |          |            | 16,510 | 1.92     |                   |
| 35766 OB/2                       | 5/20  | 18914   | WECK          | EFFLNT-OD2111        | PV   | 171478   | 001        | 00701  | 1,203.64 | WDE0140-LV        |
|                                  |       |         | LABORATORIES, | 5                    |      |          |            |        | .,       |                   |
|                                  |       |         | INC.          |                      |      |          |            |        |          |                   |
|                                  |       |         |               | WLK-0G28045          | PV   | 171479   | 001        | 00701  | 41.38    | W0H0463-LV        |
|                                  |       |         |               | PWP                  | PV   | 171539   |            | 00751  | 240.76   | W0G1699-LV        |
|                                  |       |         |               | DEMO-0G15049         |      |          |            |        |          |                   |
|                                  |       |         |               | PWP                  | PV   | 171540   | 001        | 00751  | 310.05   | W0H0146-LV        |
|                                  |       |         |               | DEMO-0G22036         |      |          |            |        | 0.000    | 110110111020      |
|                                  |       |         |               | Payment Amount       |      |          |            | 1,795  | 5.83     |                   |
| 15767 08/2                       | 25/20 | 3067    | XEROX         | LEASE-7/20           | PV   | 171412   | 001        | 00701  | 182.44   | 011014375         |
|                                  |       |         | CORPORATION   | 5945-OPS             | •    |          |            | 55751  | 102.44   | 011011010         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | 001        | 00701  | 467.60   | 702419949         |
|                                  |       |         |               | & TAPIA              | •    |          |            |        | 101.00   | 102110010         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | 002        | 00701  | 18.64    | 702419949         |
|                                  |       |         |               | & TAPIA              |      | 177100   | 002        | 00701  | 10.01    | 102413545         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | 003        | 00701  | 46.19    | 702419949         |
|                                  |       |         |               | & TAPIA              |      | 11 7 700 | 000        | 00701  | 40.10    | 102413343         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | GD4        | 00701  | 21.75    | 702419949         |
|                                  |       |         |               | & TAPIA              |      | 17 1400  | 00-1       | 00,01  | 21.70    | 102413343         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | 005        | 00701  | 591.66   | 702419949         |
|                                  |       |         |               | & TAPIA              |      | 17 1-100 | 000        | 55,51  | 031.00   | 102413040         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | 006        | 00701  | 23.58    | 702419949         |
|                                  |       |         |               | & TAPIA              | . •  | 17 1703  | 500        | 30,01  | 23.30    | 102419849         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | 007        | 00701  | 58.44    | 702419949         |
|                                  |       |         |               | & TAPIA              | . •  | 17 1703  | 501        | 30101  | 70,77    | 102413848         |
|                                  |       |         |               | 7/20 LEASE-HQ        | PV   | 171469   | OO a       | 00701  | .01      | 702419949         |
|                                  |       |         |               | & TAPIA              | I- V | 17 1403  | 000        | 90191  | .01      | 102419949         |

R04576

Las Virgenes Municipal Water A/P Auto Payment Register

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Batch Number - 281704

Bank Account -

| Payment     | Address | Name | Payment Stub Message     |        | Document |     | Key     | Amount | Invoice   |  |
|-------------|---------|------|--------------------------|--------|----------|-----|---------|--------|-----------|--|
| Number Date | Number  |      |                          | Ту     | Number   | 1tm | Co      | Amount | Number    |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 009 | 00701   | 178.96 | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 010 | 00701   | 15.04  | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 011 | 00701   | 18.41  | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 012 | 00701   | 6.86   | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 013 | 00701   | 625.50 | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 014 | 00701   | 24.93  | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 015 | 00701   | 61.79  | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 016 | 00701   | 63.39  | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 017 | 00701   | 132.72 | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 018 | 00701   | 5.29   | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | 7/20 LEASE-HQ            | PV     | 171469   | 019 | 00701   | 13.12  | 702419949 |  |
|             |         |      | & TAPIA                  |        |          |     |         |        |           |  |
|             |         |      | Payment Amount           |        |          |     | 2,556.  | .32    |           |  |
|             |         |      | Total Amount of Payments | Writte | ח        |     | 323,814 | 1.72   |           |  |
|             |         |      | Total Number of Payments | Writte | en       | 64  |         |        |           |  |



# LAS VIRGENES MUNICIPAL WATER DISTRICT 4232 Las Virgenes Road, Calabasas CA 91302

# MINUTES REGULAR MEETING

9:00 AM August 18, 2020

#### PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Charlie Caspary.

# 1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at <u>9:00 a.m.</u> by Board President Lewitt via teleconference in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302. The meeting was conducted via teleconference pursuant to the provisions of the Governor's Executive Order, N-29-20, which suspended certain requirements of the Ralph M. Brown Act to support social distancing guidelines associated with response to the coronavirus (COVID-19) outbreak. Josie Guzman, Clerk of the Board, conducted the roll call.

Present: Directors Charles Caspary, Jay Lewitt, Lynda Lo-Hill, Len Polan, and

Lee Renger

Absent: None

Staff Present: David Pedersen, General Manager

Joe McDermott, Director of Engineering and External Affairs Don Patterson, Director of Finance and Administration

John Zhao, Director of Facilities and Operations

Josie Guzman, Clerk of the Board Keith Lemieux. District Counsel

### 2. APPROVAL OF AGENDA

Director Polan moved to approve the agenda. Motion seconded by Director Caspary.

Motion carried unanimously by roll call vote.

# 3. PUBLIC COMMENTS

None.

# 4. CONSENT CALENDAR

A List of Demands: August 18, 2020: Receive and file

B Minutes Regular Meeting of August 4, 2020: Approve

C Directors' Per Diem July 2020: Ratify

D Fiscal Year 2019-20 Capacity Fee Report

Receive and file the Fiscal Year 2019-20 Capacity Fee Report.

E License Agreement for Microsoft Office 365

Authorize the General Manager to execute a three-year license agreement with Kambrian Corporation, in the amount of \$92,943, for the purchase of 115 licenses of Microsoft Office 365

<u>Director Caspary</u> moved to approve the Consent Calendar. Motion seconded by <u>Director Polan</u>. Motion carried unanimously by roll call vote.

# 5. <u>ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS</u>

# A Legislative and Regulatory Updates

Joe McDermott, Director of Engineering and External Affairs, provided an update regarding AB 3030 (Kalra), California Land and Ocean Conservation Goals. He stated that the intent of the bill was to conserve 30% of California's land and water resources; however, water was not defined in the bill's language. He reported that the bill passed in the Senate Natural Resources and Water Committee and would be considered by the Senate Appropriations Committee on August 19th. He expressed concern that the bill could lead to conflict and litigation. He also reported that Syrus Devers from Best Best & Krieger, the District's lobbyist, would attend the Appropriations Committee meeting, and the District would send another letter in opposition of the bill unless amended. He provided an update regarding SB 1099 (Dodd) related to emergency backup generator testing. He noted that this bill was not moving forward; however, the South Coast Air Quality Management District (SCAQMD) offered a proposal to change its rules to deal with exceeding runtime limits during a Public Safety Power Shutoff (PSPS) event and to address testing and maintenance.

Mr. McDermott responded to a question regarding whether staff had reached out to Senator Henry Stern regarding concerns with SB 3030 by stating that a letter was sent in opposition unless amended; however, Senator Stern voted in favor of the bill. General Manager David Pedersen added that it was expected that the Senate Appropriations Committee would hold the bill in suspense, otherwise the District would ask that Governor Gavin Newsom veto the bill.

### B Water Supply Conditions Update

Joe McDermott, Director of Engineering and External Affairs, presented the update.

# 6. TREASURER

Director Lo-Hill stated that the Treasurer's report was in order.

### 7. BOARD OF DIRECTORS

A Response to Coronavirus (COVID-19) Pandemic: Continuation of Emergency

Approve the continuation of an emergency declaration for response to the coronavirus (COVID-19) pandemic.

Ursula Bosson, Customer Service Manager, provided an update on customer-related impacts of COVID-19, including customer calls, payment plan arrangements, a comparison of yearly balances due, payment numbers and totals comparing current and previous year/month data, and customers' use of on-line features.

<u>Director Polan</u> moved to approve Item 7A. Motion seconded by <u>Director Renger</u>. Motion carried unanimously by roll call vote.

B Local Agency Formation Commission: Election of Independent Special District Alternate Representative

Select a candidate to serve as the Local Agency Formation Commission Independent Special District Alternate Representative, and authorize the General Manager to execute and return the official voting ballot by September 25, 2020.

General Manager David Pedersen presented the report and recommended that the Board consider selecting Melvin L. Matthews to serve as the Local Agency Formation Commission Independent Special District Alternative Representative.

<u>Director Caspary</u> moved to select Melvin L. Matthews as the candidate to serve as the Local Agency Formation Commission Independent Special District Alternate Representative, and authorize the General Manager to execute and return the official voting ballot by September 25, 2020. Motion seconded by Director Lo-Hill.

Director Lo-Hill mentioned that she met Richard Atwater, Director from Foothill Municipal Water District and Director on the Metropolitan Water District of Southern California (MWD) Board of Directors, who recommended selecting Melvin L. Matthews.

Motion carried unanimously by roll call vote.

### 8. FINANCE AND ADMINISTRATION

# A 2020 Rate Study: Financial Analysis and Revenue Requirements

Review and provide feedback on the draft financial analysis and revenue requirements prepared by Raftelis Financial Consultants, Inc., for the 2020 Rate Study.

Don Patterson, Director of Finance and Administration, presented the report and a PowerPoint presentation summarizing the District's financial analysis and revenue requirements, goals, adjustments, options, and future drivers for the five-year period of 2021 through 2025.

Sanjay Gaur, representing Raftelis Financial Consultants, Inc., provided a PowerPoint presentation summarizing the District's financial plan and sales assumptions.

Joe McDermott, Director of Engineering and External Affairs, responded to questions regarding the projected decrease in recycled water sales due to the planned installation of recycled water advanced metering infrastructure and increased water conservation.

General Manager David Pedersen responded to a question regarding the last time the District used 17,000 acre-feet of potable water per year by stating that it likely occurred in 2015 during the height of the drought. He noted that the District used over 20,000 acrefeet of water in 2007. He stated that staff could revisit the potable water sales assumptions if the Board desired. He also stated that the potable water sales assumptions needed to be as accurate as possible in predicting future water sales for the District to avoid financial challenges associated with overestimating sales.

Mr. Gaur continued the PowerPoint presentation and reviewed the potable water rate adjustment scenarios, sanitation financial plan including the Pure Water Project Las Virgenes-Triunfo (Pure Water Project) assumptions, and rate adjustment scenarios.

Mr. McDermott responded to a question regarding a comparison of rates with other agencies by stating that staff conducts an annual rate comparison that is posted on the District's website. He also stated that he would provide a copy of the link to the Board.

Mr. Patterson responded to a question regarding the Pure Water Project's five-year construction period and contribution from potable water to purchase the water from the Pure Water Project, which would not occur until after the five-year period. He noted that the Potable Water Enterprise would pay for operations and maintenance of the Pure Water Project and would not contribute towards the capital cost of the project.

General Manager David Pedersen noted that the rate adjustment scenarios for sanitation were lower compared to the rate scenarios for potable water, and staff would bring back sample impacts to a typical customer. He discussed the debt financing and noted that the District's financial principles included pay-go financing and seeking grant funds for projects.

Mr. Gaur continued the PowerPoint presentation and reviewed the recycled water financial plan, rate adjustment scenarios, and next steps.

Mr. Patterson recommended that the Board proceed with Option No. 3 for a hybrid approach of a lower revenue adjustment in 2021, followed by even revenue adjustments for 2022 through 2025, and recommended that the Board annually review the impacts of the rate changes.

A discussion ensued regarding having the rate study include the rationale for cost increases and the need to issue debt for the Sanitation Enterprise to fund the Pure Water Project.

Board President Lewitt expressed an interest in understanding the proposed rate increase impacts for different size households and receiving a summary of rate adjustments made by other water districts since April 2020.

Following additional discussion, it was the unanimous consent of the Board for staff to bring back rate adjustment Scenario Nos. 1 and 3 for potable water and sanitation and rate adjustment Scenario No. 1 for recycled water for the upcoming cost of service analysis presentation.

#### B Update on California Public Employees Retirement System

Receive and file an update on the California Public Employees Retirement System.

Don Patterson, Director of Finance and Administration, presented the report and a PowerPoint presentation.

Director Polan moved to approve Item 8B. Motion seconded by Director Renger.

Mr. Patterson responded to a question regarding whether the District could leave CalPERS due to increased investment in private equity by stating that it was possible; however, it would be expensive because the District's entire obligation for current and past employees would become due. He also responded to a question regarding whether the District had any influence by stating that the District's influence was likely minimal; however, should there be an effort from the California Special Districts Association or the League of California Cities, the District might have greater influence by joining efforts with these organizations.

General Manager David Pedersen discussed the importance of paying attention to the CalPERS Board of Directors elections and voting for candidates who would be good fiduciaries of the public funds.

Director Caspary noted that during the Association of California Water Agencies (ACWA) Region 8 conference call on August 12th, a discussion was held regarding CalPERS and AB 2473 (Cooper) regarding public investment funds, which would exempt CalPERS from certain transparency reporting requirements. He stated that ACWA staff indicated that the League of California Cities was supporting legislation to allow CalPERS to avoid reporting on private equity investments. He also stated that he agreed that supporting CalPERS Board candidates who would be good fiduciaries was critical. He referred to an article in *The Wall Street Journal* regarding the investigations by CalPERS staff of the former Chief Investment Officer's financial reporting requirements and that the Chief Investment Officer made some errors on his initial Statement of Economic Interests Form 700 filing where he had clear conflicts by owning positions in investments that he was recommending for CalPERS. He expressed concern regarding possible financial impacts to the District's employees based on CalPERS' investments. He stated that he would forward a copy of the article to the General Manager so that he may share it as appropriate.

Angela Saccareccia, Finance Manager, responded to a question regarding the amount of discount the District receives for early payment of its CalPERS contributions by stating that the amount was approximately \$46,000.

Motion carried unanimously by roll call vote.

# C Assembly Bill 2473 (Cooper), Public Investment Funds: Oppose

Don Patterson, Director of Finance and Administration, presented the report.

<u>Director Caspary</u> moved to oppose Assembly Bill 2473 (Cooper), Public Investment Funds. Motion seconded by Director Renger.

General Manager David Pedersen responded to a question regarding the status of the proposed bill by stating that he believed the bill would be destined for failure, and noted that Assemblymember Cooper had pulled the bill from consideration by the Appropriation Committee. Regardless, he explained that it would be worthwhile for the Board to take an oppose position.

Motion carried unanimously by roll call vote.

# 9. ENGINEERING AND EXTERNAL AFFAIRS

A Mulholland Highway Bridge over Triunfo Creek Water Main Replacement Project: Construction Award

Award a construction contract to Unified Field Services Corporation, in the amount of \$199,653.85, and reject all remaining bids upon receipt of duly executed contract documents for the Mulholland Highway Bridger over Triunfo Creek Water Main Replacement Project.

Veronica Hurtado, Assistant Engineer, presented the report.

<u>Director Renger</u> moved to approve Item 9A. Motion seconded by <u>Director Polan</u>.

Ms. Hurtado responded to a question regarding the contractor's experience by stating that the contractor had performed major pipeline installation work in Central California; however, she was unaware of any pipeline work performed locally. She noted that the contractor provided the best price on the same materials compared to the bids received from the other contractors, which resulted in an overall lower bid. Eric Schlageter, Principal Engineer, added that staff felt comfortable with the contractor's references and with the contractor's performance of similar work in other areas. He also stated that contractors determine the amount of mark-up to apply to materials when suppliers provide their pricing.

Motion carried unanimously by roll call vote.

### B On-Call Pipeline Repair and Paving/Concrete Services: Award

Award initial two-year construction contracts to Toro Enterprises, Inc., in the amount of \$700,000 for pipeline repair and paving services and \$100,000 for paving and patching services, with renewal option for a maximum term of five years.

Oliver Slosser, Senior Engineer, presented the report.

<u>Director Polan</u> moved to approve Item 9B. Motion seconded by <u>Director Lo-Hill</u>. Motion carried unanimously by roll call vote.

# C Jim Bridger and Long Valley Road Water Main Replacement Project: Construction Award

Award a construction contract to Toro Enterprises, Inc., in the amount of \$564,689; reject all remaining bids upon receipt of the duly executed contract documents; and appropriate \$708,185.67 for the Jim Bridger and Long Valley Road Water Main Replacement Project.

Mercedes Acevedo, Assistant Engineer, presented the report.

Director Caspary moved to approve Item 9C. Motion seconded by Director Lo-Hill.

Director Caspary asked staff to evaluate the merits of asking the contractor to replace the segment of pipeline that recently experienced a break on Long Valley Road.

Motion carried unanimously by roll call vote.

# 10. NON-ACTION ITEMS

#### A Organization Reports

Director Caspary reported that the Association of California Water Agencies (ACWA) Region 8 held a conference call on August 12th for the State Legislative Committee to

review several legislative bills. He also mentioned that the ACWA State Legislative Committee held a teleconference on August 14th; however, he did not attend.

### **B** Director's Reports on Outside Meetings

Director Lo-Hill reported that she attended the Water Education Foundation Headwaters Virtual Tour on August 6th, which included a virtual tour from the Sierra Nevada Mountains to Folsom Lake. She noted that the group virtually toured the King Fire burn site, Meadows Restoration site, and UC Berkeley's Blodgett Forest Research Station. She noted that Andy Fecko, General Manager of Placer County Water Agency, mentioned that his agency would be investing proactively to prevent wildfires in its service area.

Board President Lewitt reported that he attended the California Association of Sanitation Agencies (CASA) Virtual Conference on August 12th and 13th. He mentioned that staff from East Bay Municipal Utility District (EBMWD) shared workforce transitions related to COVID-19, and noted that it was the first agency in California to deal with the virus when it needed to remove the sanitation from a ship that was off its shore. He also noted that EBMWD had to restore water service to over 500 customers after it was not allowed to shutoff water service. He stated that 1,000 of the 2,000 EBMWD employees were telecommuting, 12 employees had tested positive for COVID-19, and out of 270 wastewater employees, only one had tested positive, though it was unknown where the employee contracted the virus. He noted that Amy Kirby from the Centers for Disease Control (CDC) provided an update on wastewater-based epidemiology efforts. He stated that there was discussion regarding testing for COVID-19 from sanitation and testing was being conducted from sanitation from assisted living facilities and colleges. He noted that Ms. Kirby mentioned that lab results were received much quicker from a private lab as opposed to a public or university lab. He also stated that the amount of COVID-19 detected could be broken down by neighborhood, and the District could then potentially notify cities to inform residents whenever there was an increase in COVID-19 in their areas. He also stated that Eric Saperstein, CASA's Federal Legislative Advocate, spoke to him regarding disadvantaged communities, also known as DACS, which were showing support from California legislators.

### **C** General Manager Reports

#### (1) General Business

General Manager David Pedersen reported that Director Lo-Hill had informed him of the Rock Pool Fire on August 16th, which was adjacent to the Tapia Water Reclamation Facility. He noted that the Los Angeles County Fire Department extinguished the fire quickly. He also reported that Governor Gavin Newsom declared a State of Emergency due to extreme heat conditions and rolling blackouts that affected portions of California. He stated that rolling blackouts were indicative of some of the challenges facing California collectively with the transition to renewable energy. He noted that there were many solar generation facilities coming on-line; however, solar generation creates the "duckbill curve" where at the end of the day when the sun sets solar generating capability drops off the grid and there is a need to pick up high-energy demand periods. He noted that the key

problem time was from 3:00 p.m. to 10:00 p.m., and the Governor called upon all utilities to do everything possible to generate their own energy and reduce their demand on the grid between those hours. He also noted that the Governor's declaration included provisions to suspend rules and regulations regarding running emergency generators, which was what the District had sought to change with SB 1099 (Dodd) related to emergency generator testing regulations. He stated that the majority of the Governor's declaration would have been unnecessary if the regulatory change had occurred to support the District in the use of emergency backup generators. He noted that staff would begin to operate the Tapia Water Reclamation Facility on back-up generator power at 3:00 p.m., which would take approximately 2,200 kilowatts of demand off the grid during the peak hours. He stated that staff would track the costs associated with running the emergency back-up power in case the District might be able to recoup those costs. He reported that potable water demands had increased from 15 million gallons per day (MGD) to 22 MGD, and the recycled water system was being supplemented by 1.7 MGD of potable water. He also reported that Malibu Creek flows were at 6.8 cubic feet per second (CFS); therefore, fish flow supplement was not needed.

# (2) Follow-Up Items

General Manager David Pedersen stated that he would provide an updated follow-up items list to the Board, which would include new items for the JPA and proposed changes to the Weather-based Irrigation Controller Program.

#### **D** Directors' Comments

Board President Lewitt asked the Board to consider providing reports on outside meetings during JPA meetings for attendance at California Association of Sanitation Agencies (CASA) and other sanitation-related conferences.

# 11. FUTURE AGENDA ITEMS

Director Lo-Hill moved to have a future agenda item regarding a water quality analysis associated with Las Virgenes Reservoir including consideration of cyanobacteria, quagga mussels, iron and manganese, dissolved oxygen, phosphorus, calcium, stratification, and modeling of the reservoir. Motion seconded by Director Polan.

A discussion ensued regarding whether Director Lo-Hill's request might be more appropriate for a JPA Board meeting. Keith Lemieux, District Counsel, advised that the Board President could take the request and recommend that it be added to the JPA Board meeting agenda.

# 12. PUBLIC COMMENTS

None.

### 13. CLOSED SESSION

# A Conference with Legal Counsel – Potential Litigation (Government Code Section 54956.9(d)(2) and (e)(1)): One Matter

The Board recessed to Closed Session at <u>11:24 a.m.</u> and reconvened to Open Session at <u>11:47 a.m.</u>

Keith Lemieux, District Counsel, reported that the Board met in Closed Session to receive a report, and there was no reportable action.

# 14. OPEN SESSION AND ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at 11:47 a.m.

Jay Lewitt, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

Charles Caspary, Secretary
Board of Directors
Las Virgenes Municipal Water District

(SEAL)



September 1, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Monthly Cash and Investment Report: July 2020

#### SUMMARY:

During the month of July, the value of the District's investment portfolio increased from \$102,628,922 held on June 30, 2020 to \$103,088,385, including \$10,010,000 in loan proceeds for the Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Project. One investment that was called in July, and six investments were purchased, increasing the book value to \$54,597,777. The value of the District's Local Agency Investment Fund (LAIF) account decreased to \$48,426,798.

### **RECOMMENDATION(S):**

Receive and file the Monthly Cash and Investment Report for July 2020.

#### **FISCAL IMPACT:**

No

#### **ITEM BUDGETED:**

No

#### **DISCUSSION:**

As of July 31, 2020, the District held \$103,088,385, up 10.33% year-over-year. The portfolio was up 0.45% from the previous month's total of \$102,628,922. The majority of the funds were held in the District's investment account, which had a July 31st book value of \$54,597,777. LAIF held the majority of the remaining funds, in the amount of \$48,426,798. The remaining funds were held in a money market account. The annualized yield for the District's investment portfolio was 1.87% in July 2020, unchanged from June. The annualized yield on the District's LAIF funds was 0.92% in July, down from June's 1.22%. The total yield on the District's accounts was 1.43%, down from 2.25% year-over-year.

The following investment was called during July 2020:

• 07/30/20 – FHLMC agency bond, in the amount of \$1,000,000, with a maturity date of 07/30/24 was called; YTM 1.80%.

The following investments were purchased during July 2020:

- 07/15/20 Minnwest bank insured CD, in the amount of \$245,000, with a maturity of 07/15/25; YTM 0.50%.
- 07/16/20 City of Alexandria, LA utilities insured revenue bond, in the amount of \$400,000, rated AA with a maturity of 05/01/25; YTM 1.498%.
- 07/17/20 Preferred Bank insured CD, in the amount of \$245,000, with a maturity of 07/17/25; YTM 0.50%.
- 07/21/20 FNMA agency callable bond, in the amount of \$1,000,000, with a maturity of 07/21/25; YTM 0.652%.
- 07/22/20 Flagstar Bank insured CD, in the amount of \$245,000, with a maturity of 07/22/25; YTM 0.60%.
- 07/23/20 Bank of Baroda insured CD, in the amount of \$245,000, with a maturity of 07/22/25; YTM 0.60%.

The following transactions occurred in the District's LAIF account:

- 07/01/20 Deposit in the amount of \$1,000,000.
- 07/08/20 Withdraw in the amount of \$700,000.
- 07/14/20 Interest payment in the amount of \$139,201.03.
- 07/21/20 Withdraw in the amount of \$490,000.
- 07/22/20 Withdraw in the amount of \$300,000.
- 07/29/20 Interest payment in the amount of \$11,332.83.
- 07/30/20 Withdraw in the amount of \$600,000.

The District's investments are in compliance with the adopted Investment Policy, and the District has sufficient funds to meet expenditures during the next six months from funds held in LAIF.

#### Cash Analysis:

Another important aspect of the Monthly Cash and Investment Report is to monitor the District's performance as compared to its adopted Financial Policies. Attachment B shows the District's total cash and investments as of July 31, 2020 and compares the balances to the adopted Financial Policies. July numbers are considered preliminary until the close of Fiscal Year 2019-20, which often includes some transfers between accounts as part of the reconciliation process. Specifically, Fund 701 reflects undistributed pension and OPEB liabilities on the attached exhibit, causing a negative number in that fund as of July 31, 2020. As shown for July, the Potable Water Enterprise had \$12.8 million available for capital projects, including \$10 million in loan proceeds for the AMR/AMI Project. The Sanitation Enterprise had cash and investments that exceeded the District's Financial Policies by \$10.4 million, and the Recycled Water Enterprise had cash and investments that exceeded the District's Financial Policy levels by \$14.5 million. The Board has assigned \$5 million in funds from the Recycled Water Enterprise and \$10 million in funds from the Sanitation Enterprise for use on the Pure Water Project Las Virgenes-Triunfo. Cash in excess of required reserves and assignments is available for capital projects.

# **GOALS**:

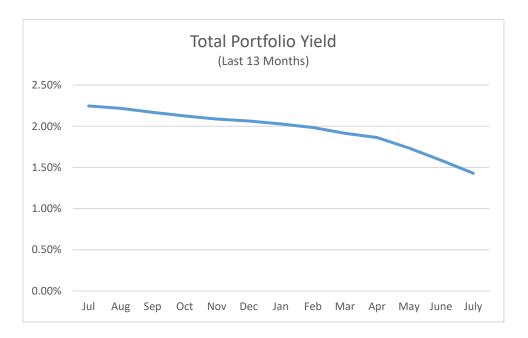
Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

# **ATTACHMENTS:**

Charts
Monthly Investment Report
Definitions
July Cash Report

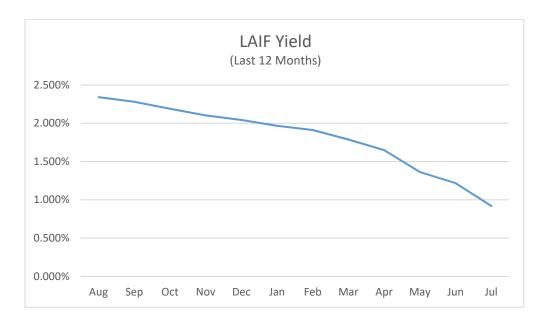
As of July 31, 2020, at Book Value, LAIF held 46.98% of the District's portfolio, the investment portfolio held 52.96% with the remainder in a money market account. As can be seen in the chart below, the total yield in July 2020 was 1.43%, down 16 basis points from June and down from 2.25% one year ago.



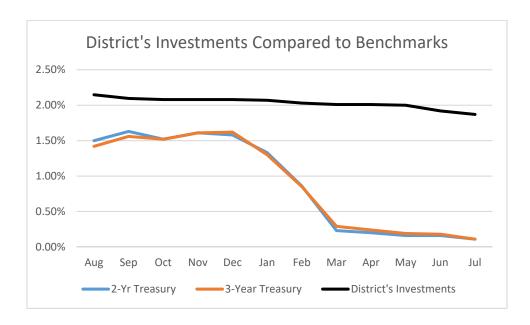
In July, the annualized yield for the District's Investment Portfolio was unchanged from June at 1.87% and up from 2.17% a year ago. The chart below shows annualized monthly yield of the current fiscal year compared with the same monthly yield over the previous year.



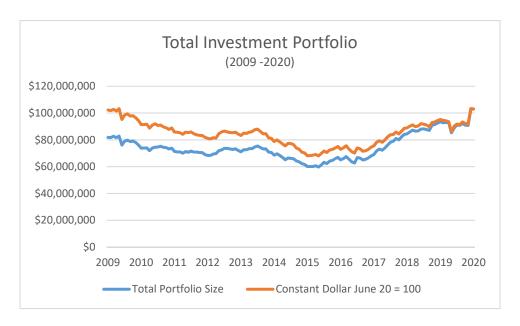
The following chart shows the average annualized LAIF yields over the past twelve months. In July, the LAIF yield was 0.92%, down from June's 1.22% and down from 2.38% a year ago.



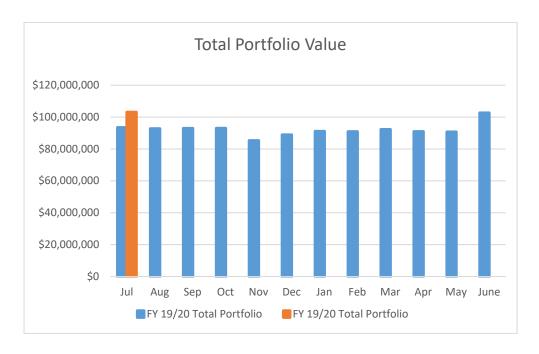
In order to benchmark how the District's portfolio is performing, it is useful to compare its investment portfolio with a comparable index. The District has historically compared its investment portfolio returns to the 2-Year and 3-Year Treasury notes. Because the District buys and holds its investments, the average portfolio yield should generally be flatter and trail the 2 and 3-year Treasuries.



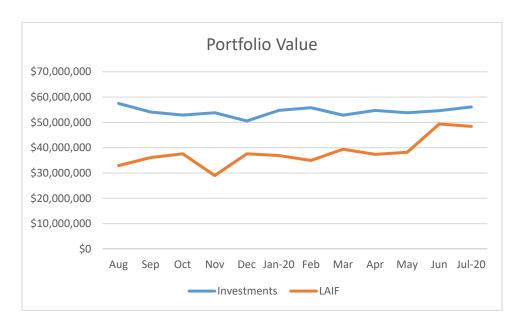
Equally important to monitoring performance is to monitor total portfolio value that includes the District's Investment Portfolio and LAIF accounts. The chart below shows the total portfolio value between 2009 and 2020. In July, the District's portfolio increased 0.45% from June to \$103,088,385. The increase in June 2020 reflects \$10 million in loan proceeds for the AMR/AMI project.



The chart below compares total portfolio value in the current Fiscal Year, compared to the same period in the previous fiscal year.



The chart below shows the value of the District's Investment and LAIF portfolios over the past twelve-month period. The District's Investment Policy requires an amount equal to 6 months of operating budget to be kept in liquid funds, such as LAIF or CAMP, which is \$28.6 million.



Date:

August 14, 2020

To:

David W. Pedersen, General Manager

From:

Finance and Administration Department

Subject: Investment Report for the Month of July 2020

**Summary of Investments** 

| Investments Maturing | Within | Six | Months: |
|----------------------|--------|-----|---------|
|----------------------|--------|-----|---------|

| <u>Investments</u> | Maturing With        | nin Six Mo                              | onths:                  |                  |                   |                 |               |              |                 |                        |
|--------------------|----------------------|---|-------------------------|------------------|-------------------|-----------------|---------------|--------------|-----------------|------------------------|
| Disc./Cpn<br>Rate  | Yield<br>To Maturity | Yield<br>To Call                        | Investment<br>Type      | Date<br>Invested | Next<br>Call Date | Date<br>Matures | Book<br>Value | Par<br>Value | Market<br>Value | Market Value<br>Source |
| 2.427%             | 1.779%               |   | NEWSCD-MuniBond         | 03/17/16         |                   | 08/01/20        | 934,688       | 910,000      | 910,000         | Custodian              |
| 2.250%             | 1.732%               |   | CONNECTICUT ST-MuniBoni | 02/17/16         |                   | 09/01/20        | 1,119,649     | 1,095,000    | -               |                        |
| 2.400%             | 2.400%               |   | 1st Choice Bank - CD    | 05/22/19         |                   | 11/23/20        | 245,000       | 245,000      | 1,096,391       | Custodian              |
| 2.050%             | 2.050%               |   | BMW Bank - CD           | 11/29/17         |                   | 11/30/20        | 245,000       |              | 246,776         | Custodian              |
| 2.200%             | 2.200%               |   | Merrick Bank-CD         | 01/09/18         |                   | 01/11/21        | 245,000       | 245,000      | 246,627         | Custodian              |
|                    |                      |   | Sub-Total               | 01100110         |                   | 01/11/21        | 2,789,337     | 245,000      | 247,303         | Custodian              |
| Investments        | Maturing Afte        | г Six Mon                               |                         |                  |                   |                 | 2,709,337     | 2,740,000    | 2,747,097       |                        |
| 2.000%             | 2.046%               | 2.018%                                  | FHLMC-Bullet            | 01/30/17         |                   | 01/26/22        | 007.950       | 1 000 000    | 4 005 450       |                        |
| 2.250%             | 2.104%               | _,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | FHLMC-Bullet            | 08/16/17         |                   | 06/29/22        | 997,850       | 1,000,000    | 1,025,150       | Custodian              |
| 1.980%             | 2.810%               |   | FAMCA-Bullet            | 02/01/19         |                   |                 | 1,000,300     | 1,000,000    | 1,039,320       | Custodian              |
| 2.000%             | 2:000%               | 2.000%                                  | FHLB-Callable Coupon    | 08/10/17         | 00/40/20          | 06/30/22        | 452,510       | 465,000      | 480,880         | Custodian              |
| 1.750%             | 1.766%               | 2.000 70                                | FFCB-Bullet             | 09/13/17         | 08/10/20          | 08/10/22        | 1,000,000     | 1,000,000    | 1,000,340       | Custodian              |
| 2.130%             | 2.338%               |   | FAMCA-Bullet            |                  |                   | 09/13/22        | 999,250       | 1,000,000    | 1,032,530       | Custodian              |
| 2.700%             | 2.700%               |   | FFCB-Bullet             | 01/24/18         |                   | 01/24/23        | 990,240       | 1,000,000    | 1,047,380       | Custodian              |
| 3.250%             | 2.536%               |   | FHLB-Bullet             | 04/11/18         |                   | 04/11/23        | 1,000,000     | 1,000,000    | 1,065,950       | Custodian              |
| 2.900%             | 2.980%               |   | FAMCA-Bullet            | 02/25/19         |                   | 06/09/23        | 1,028,810     | 1,000,000    | 1,084,130       | Custodian              |
| 3.375%             | 2.227%               |   | FHLB-Bullet             | 08/01/18         |                   | 07/24/23        | 996,263       | 1,000,000    | 1,077,020       | Custodian              |
| 1.850%             | 1.850%               | 1.850%                                  |                         | 03/28/19         |                   | 09/08/23        | 1,048,330     | 1,000,000    | 1,097,350       | Custodian              |
| 2.370%             | 2.524%               | 1.030%                                  | FHLMC-Callable Coupon   | 12/30/19         | 12/28/20          | 12/28/23        | 1,000,000     | 1,000,000    | 1,006,380       | Custodian              |
| 2.800%             | 2.800%               | 2 8000/                                 | FFCB-Bullet             | 03/12/19         |                   | 02/05/24        | 992,950       | 1,000,000    | 1,074,240       | Custodian              |
| 2.160%             | 1.865%               | 2.000%                                  | FHLB-Callable Coupon    | 02/26/19         | 02/26/21          | 02/26/24        | 1,000,000     | 1,000,000    | 1,013,080       | Custodian              |
| 2.000%             | 2.000%               | 2.0000/                                 | FFCB-Bullet             | 06/28/19         |                   | 06/03/24        | 1,013,820     | 1,000,000    | 1,071,780       | Custodian              |
| 1.650%             | 1.650%               |   | FFCB-Callable Coupon    | 09/03/19         | 09/03/20          | 09/03/24        | 1,000,000     | 1,000,000    | 1,000,700       | Custodian              |
| 1.740%             | 1.664%               | 1.650%                                  | FFCB-Callable Coupon    | 09/09/19         | 09/09/21          | 09/09/24        | 1,000,000     | 1,000,000    | 1,015,400       | Custodian              |
| 2.000%             |                      | 0.0000/                                 | FAMCA-Bullet            | 09/30/19         |                   | 09/26/24        | 1,003,620     | 1,000,000    | 1,056,810       | Custodian              |
| 1.790%             | 2.000%               | 2.000%                                  | FHLB-Callable Coupon    | 10/02/19         | 10/02/20          | 10/02/24        | 1,000,000     | 1,000,000    | 1,001,930       | Custodian              |
|                    | 1.804%               | 0.7000/                                 | FAMCA-Bullet            | 11/15/19         |                   | 11/01/24        | 999,340       | 1,000,000    | 1,059,780       | Custodian              |
| 0.700%             | 0.700%               | 0.700%                                  | FHLMC-Callable Coupon   | 05/18/20         | 02/18/21          | 11/18/24        | 1,000,000     | 1,000,000    | 1,000,470       | Custodian              |
| 1.950%             | 1.950%               | 1.950%                                  | FHLMC-Callable Coupon   | 01/06/20         | 01/06/21          | 01/06/25        | 1,000,000     | 1,000,000    | 1,006,530       | Custodian              |
| 1.800%             | 1.800%               | 1.800%                                  | FHLMC-Callable Coupon   | 01/10/20         | 01/10/22          | 01/10/25        | 1,000,000     | 1,000,000    | 1,015,380       | Custodian              |
| 1.75%-Up           | 1.554/0              | 1.750%                                  | FHLMC-Callable Coupon   | 02/25/20         | 08/25/20          | 02/25/25        | 1,000,000     | 1,000,000    | 1,000,720       | Custodian              |
| 1.850%             | 1.850%               | 1.850%                                  | FNMA-Callable Coupon    | 02/26/20         | 08/26/20          | 02/26/25        | 1,000,000     | 1,000,000    | 1,000,510       | Custodian              |
| 1.125%             | 1.125%               | 1.125%                                  | FFCB-Callable Coupon    | 03/17/20         | 03/17/21          | 03/17/25        | 1,000,000     | 1,000,000    | 1,002,530       | Custodian              |
| 1.050%             | 1.050%               | 1.050%                                  | FHLB-Callable Coupon    | 04/02/20         | 10/02/20          | 04/02/25        | 1,000,000     | 1,000,000    | 1,000,840       | Custodian              |
| 0.750%             | 0.613%               |   | TVA-Bullet              | 06/10/20         |                   | 05/15/25        | 1,006,060     | 1,000,000    | 1,013,490       | Custodian              |
| 0.700%             | 0.700%               | 0.700%                                  | FHLB-Callable Coupon    | 05/28/20         | 05/28/21          | 05/28/25        | 1,000,000     | 1,000,000    | 1,000,850       | Custodian              |
| 0.480%             | 0.531%               |   | FAMCA-Bullet            | 06/19/20         |                   | 06/19/25        | 997,510       | 1,000,000    | 1,002,100       | Custodian              |
| 0.650%             | 0.650%               | 0.650%                                  | FHLMC-Callable Coupon   | 06/30/20         | 06/30/22          | 06/30/25        | 1,000,000     | 1,000,000    | 1,001,580       | Custodian              |
| 0.625%             | 0.625%               | 0.625%                                  | FNMA-Callable Coupon    | 07/21/20         | 07/21/22          | 07/21/25        | 1,000,000     | 1,000,000    | 1,000,570       | Custodian              |
| 1.500%             | 1.500%               |   | CAL ST-MuniBond         | 04/28/16         |                   | 04/01/21        | 1,000,000     | 1,000,000    | 1,000,570       | Custodian              |
| 1.713%             | 1.713%               |   | CASPWR-Muni Bond        | 09/28/16         |                   | 05/01/21        | 742,142       | 742,142      | 749,994         | Custodian              |
| 2.387%             | 1.392%               |   | SCVWTR-MuniBond         | 06/21/16         |                   | 06/01/21        | 1,047,370     | 1,000,000    | 1,015,420       |                        |
| 1.960%             | 1.960%               | 1.960%                                  | MOUSCD-MuniBond         | 07/14/16         |                   | 08/01/21        | 600,000       | 600,000      | 603,906         | Custodia 51            |
| 2.550%             | 2.550%               |   | NYSDEV-Muni Bond        | 12/21/17         |                   | 03/15/22        | 1,000,000     | 1,000,000    | 1.026.180       | Custodian              |
|                    |                      |   |                         |                  |                   | J. J. J. LL     | 1,000,000     | 1,000,000    | 1.020,100       | Custodian              |

LVMWD Investment Report for the Month Ending July 31, 2020

| Rate<br>Investments<br>2.000% | To Maturity | To Call    |                             | Date     | Next          | Date     | Book         | Раг          | Market       | Market Value |
|-------------------------------|-------------|------------|-----------------------------|----------|---------------|----------|--------------|--------------|--------------|--------------|
| 2.000%                        |             |            | Туре                        | Invested | Call Date     | Matures  | Value        | Value        | Value        | Source       |
|                               |             | ner Six IV |                             |          |               |          |              |              |              |              |
|                               | 3.063%      |            | CASPWR-Muni Bond            | 09/24/18 |               | 05/01/22 | 963,980      | 1,000,000    | 1,028,590    | Custodian    |
| 1.590%                        | 1.590%      |            | Maryland StMuni Bond        | 08/28/19 |               | 08/01/22 | 1,000,000    | 1,000,000    | 1,019,360    | Custodian    |
| 2.500%                        | 2.604%      | 0.0070/    | SFOFAC-Muni Bond            | 11/09/17 |               | 09/01/22 | 497,650      | 500,000      | 512,345      | Custodian    |
| 3.297%                        | 3.297%      | 3.297%     | UNVHGR-Muni Bond            | 06/05/18 | Cont. 6/5/18  | 05/15/23 | 930,000      | 930,000      | 1,001,154    | Custodian    |
| 2.216%                        | 1.420%      |            | ONTGEN-Muni Bond            | 05/21/20 |               | 06/01/23 | 1,115,615    | 1,090,000    | 1,129,229    | Custodian    |
| 2.250%                        | 3.092%      |            | CAS-Muni Bond               | 10/31/18 |               | 10/01/23 | 961,850      | 1,000,000    | 1,054,510    | Custodian    |
| 3.000%                        | 2.500%      |            | CAS-Muni Bond               | 05/01/19 |               | 04/01/24 | 1,022,980    | 1,000,000    | 1,088,090    | Custodian    |
| 1.800%                        | 1.800%      |            | PASGEN - Muni Bond          | 02/26/20 |               | 05/01/24 | 260,000      | 260,000      | 270,179      | Custodian    |
| 2.147%                        | 2.147%      |            | UNIGEN - Muni Bond          | 08/29/19 |               | 06/01/24 | 1,000,000    | 1,000,000    | 1,028,820    | Custodian    |
| 2.224%                        | 2.224%      |            | SGTUTL - Muni Bond          | 12/18/19 |               | 10/01/24 | 500,000      | 500,000      | 527,005      | Custodian    |
| 1.646%                        | 1.646%      |            | CASHGR - Muni Bond          | 02/27/20 |               | 11/01/24 | 400,000      | 400,000      | 413,532      | Custodian    |
| 1.498%                        | 1.498%      |            | ALEUTL - Muni Bond          | 07/16/20 | Cont. 7/16/20 | 05/01/25 | 400,000      | 400,000      | 405,756      | Custodian    |
| 1.550%                        | 1.550%      |            | CAPITAL ONE BANK - CD       | 08/10/16 |               | 08/10/21 | 245,000      | 245,000      | 248,317      | Custodian    |
| 1.000%                        | 1.000%      |            | CENERSTATE BK -CD           | 03/20/20 |               | 09/20/21 | 245,000      | 245,000      | 247,416      | Custodian    |
| 0.950%                        | 0.950%      |            | LAKELAND BK -CD             | 03/27/20 |               | 09/27/21 | 245,000      | 245,000      | 247,313      | Custodian    |
| 1.650%                        | 1.650%      |            | Farmers & Merchants BK-CD   | 01/15/20 |               | 01/18/22 | 245,000      | 245,000      | 250,383      | Custodian    |
| 1.800%                        | 1.800%      |            | WellsFargo BK West-CD       | 01/17/20 |               | 01/18/22 | 245,000      | 245,000      | 250,922      | Custodian    |
| 2.350%                        | 2.350%      |            | Goldman Sachs Bank - CD     | 06/21/17 |               | 06/21/22 | 245,000      | 245,000      | 255,116      | Custodian    |
| 2.350%                        | 2.350%      |            | Sallie Mae Bank/Salt LK-CD  | 06/21/17 |               | 06/21/22 | 245,000      | 245,000      | 255,116      | Custodian    |
| 2.400%                        | 2.400%      |            | American Express - CD       | 08/29/17 |               | 08/29/22 | 245,000      | 245,000      | 255,574      | Custodian    |
| 2.400%                        | 2.400%      |            | Capital One NA - CD         | 08/30/17 |               | 08/30/22 | 245,000      | 245,000      | 256,346      | Custodian    |
| 2.500%                        | 2.500%      |            | Wells Fargo Bank - CD       | 12/08/17 |               | 12/08/22 | 245,000      | 245,000      | 258,294      | Custodian    |
| 2.650%                        | 2.650%      |            | Morgan Stanley Bank-CD      | 01/11/18 |               | 01/11/23 | 245,000      | 245,000      | 259,725      | Custodian    |
| 3.150%                        | 3.150%      |            | CitiBank NA - CD            | 05/11/18 |               | 05/11/23 | 245,000      | 245,000      | 264,990      | Custodian    |
| 2.850%                        | 2.850%      |            | 1st MO St Bank - CD         | 02/13/19 |               | 08/14/23 | 245,000      | 245,000      | 264,456      | Custodian    |
| 1.700%                        | 1.700%      |            | Medallion Bank UT-CD        | 12/23/19 |               | 12/22/23 | 245,000      | 245,000      | 256,865      | Custodian    |
| 3.350%                        | 3.350%      |            | Morgan Stanley PVT BK-CD    | 01/10/19 |               | 01/10/24 | 245,000      | 245,000      | 270,894      | Custodian    |
| 3.000%                        | 3.000%      |            | TIAA FSB - CD               | 02/22/19 |               | 02/22/24 | 245,000      | 245,000      | 268,545      | Custodian    |
| 2.750%                        | 2.750%      |            | Comenity CAP Bank-CD        | 04/30/19 |               | 04/30/24 | 245,000      | 245,000      | 267,317      | Custodian    |
| 2.650%                        | 2.650%      |            | Bank of New Eng Salem-CD    | 05/23/19 |               | 05/23/24 | 245,000      | 245,000      | 266,697      | Custodian    |
| 2.150%                        | 2.150%      |            | Enerbank USA - CD           | 08/07/19 |               | 08/07/24 | 245,000      | 245,000      | 262,696      | Custodian    |
| 1.750%                        | 1.750%      |            | 1st Farmers BK7Trust-CD     | 09/04/19 |               | 09/04/24 | 245,000      | 245,000      | 258,884      | Custodian    |
| 1.800%                        | 1.800%      |            | Kemba Financial CU-CD       | 01/08/20 |               | 01/08/25 | 245,000      | 245,000      | 259,761      | Custodian    |
| 1.950%                        | 1.950%      |            | Knoxville EE CU - CD        | 01/16/20 |               | 01/16/25 | 245,000      | 245,000      | 261,405      | Custodian    |
| 1.000%                        | 1.000%      |            | Somerset Trust Co - CD      | 03/19/20 |               | 03/19/25 | 245,000      | 245,000      | 250,941      | Custodian    |
| 1.000%                        | 1.000%      |            | IBERIABANK - CD             | 03/20/20 |               | 03/20/25 | 245,000      | 245,000      | 250,936      | Custodian    |
| 1.350%                        | 1.350%      |            | Pacific Western Bank - CD   | 04/16/20 |               | 04/16/25 | 245,000      | 245,000      | 254,834      | Custodian    |
| 1.500%                        | 1.500%      |            | Celtic BK Salt Lake UT - CD | 04/17/20 |               | 04/17/25 | 245,000      | 245,000      | 256,549      | Custodian    |
| 1.350%                        | 1.350%      |            | 1st Natl BK McGregor - CD   | 04/28/20 |               | 04/28/25 | 245,000      | 245,000      | 254,825      | Custodian    |
| 1.050%                        | 1.050%      |            | State BK of India-NY - CD   | 06/19/20 |               | 06/10/25 | 245,000      | 245,000      | 251,233      | Custodian    |
| 0.500%                        | 0.500%      |            | Minnwest Bank - CD          | 07/15/20 |               | 07/15/25 | 245,000      | 245,000      | 244,515      | Custodian    |
| 0.500%                        | 0.500%      |            | Preferred Bank - CD         | 07/17/20 |               | 07/17/25 | 245,000      | 245,000      | 244,515      | Custodian    |
| 0.600%                        | 0.600%      |            | Bank Baroda NY Brh - CD     | 07/23/20 |               | 07/22/25 | 245,000      | 245,000      | 244,500      | Custodian    |
| 0.600%                        | 0.600%      |            | Flagstar Bank FSB - CD      | 07/22/20 |               | 07/22/25 | 245,000      | 245,000      | 245,666      |              |
|                               | •           |            | Sub-Total                   |          |               |          | 51,808,440   | 51,727,142   | 53,364,137   | Custodian    |
|                               |             |            | Total Investments           |          |               |          | \$54,597,777 | \$54,467,142 | \$56,111,234 |              |

LVMWD Investment Report for the Month Ending July 31, 2020 Interest earnings for the month were as followed:

| <b>u</b>   |                | 7 tillount     | Ouricit |
|--|----------------|----------------|---------|
|  |                | Earned/Accrued | Yield   |
| Refunding Revenue Bonds - Reserve Fund (Bank of New York Mellon)         |                | \$0            | 0.010%  |
| Investments  |                | 86,695         | 1.870%  |
| Local Agency Investment Fund (LAIF)                                      |                | 48,460         | 0.920%  |
| Blackrock Liquidity Fund - US Treasury Money Market Fund (Union Bank)    |                | 1              | 0.010%  |
| Sweep Accounts (Wells Fargo Bank/Bank of New York Mellon)                |                | 65             | 0.031%  |
|  | Total Earnings | \$135,221      |         |
| Schodule of Investment Belonce Limitations (Dev District investment unit | 3              |                |         |

#### Schedule of Investment Balance Limitations (Per District investment policy)

| The source of the market valuation is as followed:                    |       | Invested      | Total   | Allowed        |
|---|-------|---------------|---------|----------------|
| Investments (Note 1)  |       | \$54,597,777  | 52.96%  | no limit       |
| Refunding Revenue Bonds - Reserve Fund (Bank of New York Mellon/LAIF) |       | 10,243        | 0.01%   | 1 yr debt pmt. |
| Blackrock Liquidity Fund - US Treasury Money Market Fund (Union Bank) |       | 53,567        | 0.05%   | no limit       |
| Local Agency Investment Fund (LAIF)                                   |       | 48,426,798    | 46.98%  | 75,000,000     |
|   | Total | \$103,088,385 | 100.00% |                |

Note 1: The average weighted duration for investments, excluding LAIF, is 1,157 days, which is under the assumption that callable coupons will not be called and will be held until maturity. Note 2: In July 2020, estimated Joint Powers Authority's participation in investment is \$9,648,684.79, of which \$4,914,898.34 (or 50.90%) belongs to LV.

Amount

Total Amount

(Note 2)

Current

% of

Max Limit

#### Bank Account Balances as of July 31, 2020:

| Bank Name               | Account Type | Amount    |               |
|-------------------------|--------------|-----------|---------------|
| Wells Fargo Bank        | Checking     | \$281,383 | -<br>(Note 3) |
| Wells Fargo Bank        | Sweep        | 707,847   |               |
| Bank of New York Mellon | Money Market | 9,171     |               |
|                         | Total        | \$998,401 | -             |

Note 3: This is bank balance without adjusting for outstanding checks. The total amount of outstanding checks is unavailable at the time of reporting.

"All District investments are included in this report and all investments, except those relating to debt issues and deferred compensation programs funds, conform to District investment policy. All investment transactions within the period covered by this report, except for the exceptions noted above, conform to District investment policy. Deferred compensation program funds are not included in this report; their investment is directed by individual employees participating in the deferred compensation program and not by the District. Debt issue funds are included in this report; their investment is controlled by specific provisions of the issuance documents and not by the District."

"The deposits and investments of the District safeguard the principal and maintain the liquidity needs of the District, providing the District with the ability to meet expenditure requirements for the next six months. The maturity dates are compatible with foreseeable cash flow requirements. The deposits and investments can be easily and rapidly converted into cash without substantial loss of value."

| Approved for August 4, 2020 Agenda: |   |  |
|-------------------------------------|---|--|
|                                     | David W. Pedersen, General Manager                      |  |
| TO THE BEST OF MY KNOWLEDGE         | I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT |  |
|                                     | Lynda Lo-Hill, Treasurer                                |  |

#### Monthly Investment Report Definitions

#### Definitions

- Disc./Cpn Rate The yield paid by a fixed income security.
- Yield to Call (YTC) The rate of return of a security held to call when interest payments, market value and par value are considered.
- Yield to Maturity (YTM) The rate of return of a security held to maturity when interest payments, market value and par value are considered.
- Bullet A fixed income security that cannot be redeemed by the issuer until the maturity date.
- Callable A fixed income security that can be redeemed by the issuer before the maturity date.
- Book Value The price paid for the security.
- Par Value The face value of a security.
- Market Value The current price of a security.
- Sinking Bond In the case of the CASPWR Bond held by the District, a sinking bond pays a portion of principal on a defined schedule throughout the life of the bond.
- Custodian The financial institution that holds securities for an investor.

#### **Investment Abbreviations**

- FHLB Federal Home Loan Bank
- FHLMC Federal Home Loan Mortgage Corporation (Freddie Mac)
- FNMA Federal National Mortgage Association (Fannie Mae)
- FFCB Federal Farm Credit Bank
- FAMCA Federal Agricultural Mortgage Corporation (Farmer Mac)
- Bonds
  - CAS/CAL ST State of California
  - CASHGR California State University
  - CASPWR State of California Department of Water Resources
  - o CTS State of Connecticut
  - o MDS State of Maryland
  - MOUSCD Mountain View Unified School District
  - o NEWSCD Newark, CA Unified School District
  - o NYSDEV New York State Urban Development Revenue Bond
  - ONTGEN City of Ontario, CA
  - SCVWTR Santa Clara Valley Water District
  - SFOFAC City and County of San Francisco Community Facilities
     District
  - o SGTUTL South Gate Utility District
  - SRVSCD San Ramon, CA Unified School District
  - o UNIGEN University of Northern Colorado
  - UNVHGR University of California

#### Attachment B

# LVMWD CASH ANALYSIS -July 31, 2020

|  | Restricted<br>Cash | Cash Held by<br>Policy | Policy<br>Requirement | Available Funds |
|--|--------------------|------------------------|-----------------------|-----------------|
| 101 - Potable Water Operations                     | Casii              | 13,961,417             | 9,786,937             |                 |
| 201 - Potable Water Construction                   | (4,047,080)        | 10,501,117             | 3,700,337             |                 |
| 301 - Potable Water Replacement                    | ( 1,0 11,000)      | 23,794,478             | 11,157,814            |                 |
| 603 - Rate Stabilization Fund                      |                    | 8,000,000              | 8,000,000             |                 |
| Total Potable Water                                | (4,047,080)        | 45,755,895             | 28,944,751            | 12,764,064      |
| 102 - Recycled Water Operations                    |                    | 10,535,970             | 1,091,222             |                 |
| 203 - Recycled Water Construction                  | (33,891)           |                        |                       |                 |
| 302 - Recycled Water Replacement                   |                    | 2,584,131              |                       |                 |
| Pure Water Assigned                                |                    | 5,000,000              | 2,483,887             |                 |
| Total Recycled Water                               | (33,891)           | 18,120,101             | 3,575,109             | 14,511,100      |
| 130 - Sanitation Operations                        |                    | 8,978,432              | 3,401,496             |                 |
| 230 - Sanitation Construction                      | 1,925,957          |                        |                       |                 |
| 330 - Sanitation Replacement                       |                    | 3,198,656              |                       |                 |
| Pure Water Assigned                                |                    | 10,000,000             | 10,285,867            |                 |
| Total Sanitation                                   | 1,925,957          | 22,177,088             | 13,687,363            | 10,415,683      |
| 606 & 607 - Refunding Revenue Bonds - Reserve Fund | 19,414             |                        |                       |                 |
| 701 - Vested Sick Leave Reserve                    | 1,363,390          |                        |                       |                 |
| 720 - Insurance Reserve                            |                    | 7,954,439              | 7,871,864             | 82,575          |
| JPA  | 10,795,783         |                        |                       |                 |
| 701 - Internal Services Fund                       | (543,916)          |                        |                       |                 |
| Subtotal   | 9,479,658          | 94,007,522             |                       |                 |
| TOTAL  | 103,48             | 7,180                  |                       |                 |

**Financial Policy** - Cash required to comply with District's adopted Financial Policy.

**Restricted Cash** - Revenue restricted to a particular purpose.

**Bond Covenants** - Money relating to bond financing that is restricted in use and required by promises made in bond documents. Funds are reconciled at year-end.

**Potable Water Available Funds** includes \$10,010,000 in loan proceeds for AMR/AMI

**701** - This account reflects undistributed amounts such as cacacity fee deposits, undistributed interest, undistributed pensioncost. liabilities, and other undistributed costs.





**REVISION NO. 2** 

Adjourned Board Meeting August 18, 2020 12:00 p.m.

| Tuesday, August 18, 2020 |           |  |
|--------------------------|-----------|--|
| Meeting Schedule         |           |  |
| 9:30 AM                  | Adj L&C   |  |
| 10:30 AM                 | Adj OP&T  |  |
| 12:00 PM                 | Adj Board |  |

Live streaming is available for all board and committee meetings on our mwdh2o.com website (Click to Access Board Meetings Page)

Public Comment Via Teleconference Only: Members of the public may present their comments to the Board on matters within their jurisdiction as listed on the agenda via teleconference only. To participate call (404) 400-0335 and use Code: 9601962.

**MWD** Headquarters Building

700 N. Alameda Street

Los Angeles, CA 90012

#### 1. Call to Order

(a) Invocation: Betty Kuo Brinton, Deputy General Counsel

(b) Pledge of Allegiance: Director Steve Blois

#### 2. Roll Call

#### 3. Determination of a Quorum

**4.** Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Government Code Section 54954.3(a))

#### 5. OTHER MATTERS AND REPORTS

- A. Report on Directors' events attended at Metropolitan expense for month of July 2020
- B. Chairwoman's Monthly Activity Report
- C. General Manager's summary of activities for the month of July 2020
- D. General Counsel's summary of activities for the month of July 2020

**REVISED** Date of Notice: August 13, 2020

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- E. General Auditor's summary of activities for the month of July 2020
- F. Ethics Officer's summary of activities for the month of July 2020
- G. Report on list of certified assessed valuations for fiscal year 2020/21 and tabulation of assessed valuations, percentage participation, and vote entitlement of member agencies as of August 18, 2020. (F&I)
- H. Presentation of Commendatory Resolution for Director Brett R. Barbre representing the Municipal Water District of Orange County
- I. Induction of new Director Sat Tamaribuchi from the Municipal Water District of Orange County
  - (a) Receive credentials
  - (b) Report on credentials by General Counsel
  - (c) File credentials
  - (d) Administer Oath of Office
  - (e) File Oath

#### **CONSENT CALENDAR ITEMS — ACTION**

#### 6. CONSENT CALENDAR OTHER ITEMS — ACTION

- A. Approval of the Minutes of the Meeting held July 14, 2020, and the corrected Minutes of the Meeting for June 9, 2020 (Copies have been submitted to each Director)
  Any additions, corrections, or omissions
- B. Adopt motion to adjourn the September Board Meeting to September 15, 2020, due to holiday. (Committees to meet on September 14 and 15, 2020)
- C. Approve committee assignments

#### 7. CONSENT CALENDAR ITEMS — ACTION

7-1 Adopt resolution establishing the tax rate for fiscal year 2020/21; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I)

- 7-2 Authorize an increase of \$5,600,000 in change order authority for building improvements at Metropolitan's Headquarters Building; and amend two agreements for technical support of the improvements: 1) with IBI Group for a new not-to-exceed amount of \$2.57 million; and 2) with ABS Consulting, Inc., for a new not-to-exceed amount of \$12.18 million; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)
- Award a \$5,822,000 contract to Bernards Bros., Inc. for Stage 2 physical security improvements at Metropolitan's Headquarters Building; and authorize an increase of \$530,000 to an agreement with IBI Group, for a new not-to-exceed amount of \$3.1 million for technical support and design services; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)

  [Conference with Metropolitan Assistant General Manager, Shane Chapman, or designated agent on physical security improvements at Metropolitan's Headquarters Building; may be heard in closed session pursuant to Government Code section 54957, subdivision (a)]
- Award a \$13,999,000 contract to Bernards Bros., Inc. for fire alarm and smoke control system upgrades at Metropolitan's Headquarters Building; and authorize an increase of \$1.5 million to an agreement with Lee & Ro, Inc., for a not-to-exceed amount of \$4 million for specialized inspection and technical support; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)
- 7-5 Review and consider the City of San Jacinto's adopted Mitigated Negative Declaration and take related CEQA actions, and authorize the General Manager to grant a permanent easement for public road purposes to the City of San Jacinto on Metropolitan-owned property in the county of Riverside. (RP&AM)
- 7-6 Award Contract for Executive Search Firm; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA. (OP&T)

7-7 Authorize an agreement with SHI International Corp. in an amount not-to-exceed \$1,459,234 for the equipment purchase for the Backup Location for the Datacenter Modernization project; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA. (OP&T)

[Conference with Metropolitan Information Technology Unit Manager of the Program Management Office Alex Encarnacion, or designated agents on threats to public services or facilities; may be heard in closed session pursuant to Gov. Code Section 54957(a)]

#### Revised

7-8 Update on Oroville Dam Litigation and authorize Metropolitan to intervene in Coordinated Proceeding JCCP No. 4974 in the County of Sacramento Superior Court; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA. (L&C)

[Conference with Legal Counsel to be heard in closed session pursuant to Government Code Section 54956.9 (d)(4)]

7-9 Repeal Administrative Code Sections 4119 and 4405 (Wheeling Service) and rescind Resolution 8520 (Fixing and Adopting Wheeling Rates); the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I)

#### **END OF CONSENT CALENDAR ITEMS**

#### 8. OTHER BOARD ITEMS — ACTION

None

#### 9. BOARD INFORMATION ITEMS

- **9-1** Update on Conservation Program
- **9-2** Communications and Legislation Committee Report
- 9-3 Introduction of Ordinance No. 151 Determining that the Interests of Metropolitan Require the Use of Revenue Bonds in the Aggregate Principal Amount of \$500 Million to Finance a Portion of Capital Expenditures. (F&I)
- **9-4** Encroachment Management Report. (RP&AM)

#### 10. OTHER BOARD ITEMS

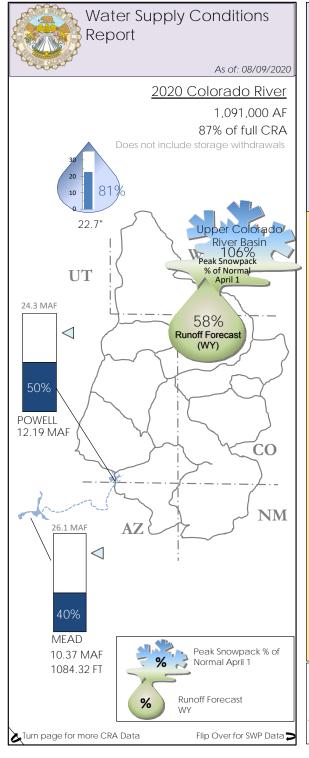
10-1 Department Head Performance Evaluations
[Public Employees' performance evaluations; General Manager, General Counsel, and General Auditor; to be heard in closed session pursuant to Gov. Code 54957.]

- 11. FOLLOW-UP ITEMS
- 12. FUTURE AGENDA ITEMS
- 13. ADJOURNMENT

**NOTE:** Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parentheses at the end of the description of the agenda item e.g., (E&O, F&I). Committee agendas may be obtained from the Board Executive Secretary.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <a href="http://www.mwdh2o.com">http://www.mwdh2o.com</a>.

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.





# Highlights

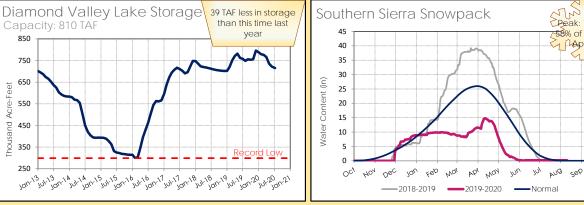
- ♦ Sacramento River Runoff forecast is 52% of normal
- ▲ Statewide snowpack peaked at 64% of normal
- ♦ Lake Powell inflow forecast is 58% of normal
- ▲ Snowpack in the Upper Colorado River Basin peaked at 106% of normal

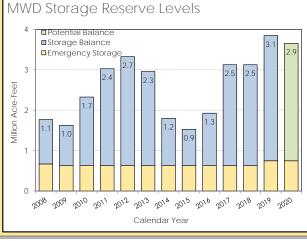


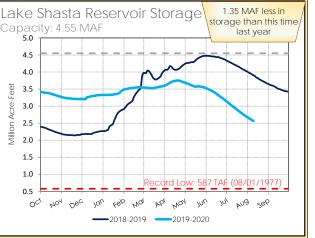
Peak: 14.8 m

58% of normal

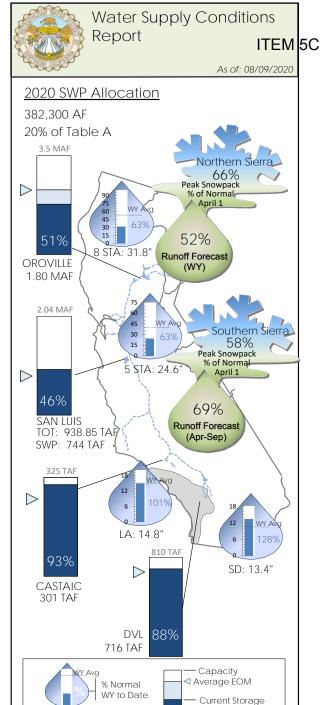
Chyrapan S







This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. http://www.mwdh2o.com/WSCR



(% Capacity)

Turn page for more SWP Data 🔏

Rainfall to Date (in)

Flip Over for CRA Data

#### State Water Project Resources Colorado River Resources As of: 08/09/2020 As of: 08/09/2020 Peak: 19.5 in 8 Station Index Precip Upper Colorado Basin Snowpack Northern Sierra Snowpack Upper Colorado Basin Precip 31.8 in. 66% of normal 22.7 in. 06% of norma Water Year Water Year to Date to Date 107% Jul AUB SEP Pbi Oct 404 Dec 104 tep 404 404 May 174 171 470 266 tep Wal You Man JUN JUI AUG SEP TOU EED WOL YOU MAY THU THI ---2018-2019 2019-2020 ■ Average Monthly Precip ■ Actual Precip to Date ■ Average Monthly Precip ■ Actual Precip to Date Lake Powell Storage Oroville Reservoir Storage 1.15 MAF less in 2019 Colorado River Ag Use 5 Station Index Precip 1.73 MAF less in storage than this Capacity: 24.3 MAF storage than this Capacity: 3.54 MAF 24.6 in. time last year time last year 3.8 Water Year PVID/Yuma (QSA Priority 1 & 2) IID/CVWD (QSA Priority 3a) to Date +60 9 420 3 400 14 J FMAM J J A S O N D J FMAM J J A S O N D Oct Man Dec law tep Man Man lin in Mind deb Date of Forecast Date of Forecast ■ Average Monthly Precip ■ Actual Precip to Date Lake Mead Shortage/Surplus Outlook Other SWP Contract Supplies for 2020 (AF) 2019-2020 2020 2021 2022 2023 2024 --- Enhanced Flood Pool (Wet Index) ..... Original Flood Boundaries Shortage 0% 9% 31% 37% 330,766 Carryover Surplus 0% 0% <1% 6% 10% San Luis Reservoir Storage 56 TAF less in SWP Transfer Supplies 6,000 (est.) Lake Mead Storage 104 TAF more in Capacity: 2.04 MAF storage than this storage than this Capacity: 26.1 MAF Likelihood based on results from the April 2020 MTOM/CRSS model run. time last year time last year Includes DCP Contributions otal Capacity 2.04 MA WY 2020 WY 2020 Sacramento River Runoff Powell Unregulated Inflow 58% of normal 52% of normal Forecast as of August-2020 Forecast as of May-2020 Total Last Year 5្ងី 1.2 30 0.9 U 0.6 SWP Last Year 0.3 Total storage 2019-2020 SWP storage 2019-2020



September 1, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject: Update on Woolsey Fire Recovery Efforts

#### SUMMARY:

On November 12, 2018, the Board declared a state of emergency due to the devastating Woolsey Fire that began on November 8, 2018. The District and Las Virgenes-Triunfo Joint Powers Authority experienced significant damages at various facilities, including the Rancho Las Virgenes Composting Facility and Westlake Filtration Plant. Since the fire, staff has been working to recover from the damages, restore the facilities to their pre-disaster condition and secure reimbursement for the associated costs. At the meeting, staff will provide an update on Woolsey Fire recovery efforts.

#### FISCAL IMPACT:

No

#### **ITEM BUDGETED:**

No

#### **DISCUSSION:**

Since November 2018, staff has been diligently working on the recovery efforts related to the Woolsey Fire. At the meeting, staff will provide an update on the current status of the capital projects related to the recovery effort and progress to obtain reimbursement for the eligible costs.

As of August 24, 2020, the District has recovered \$4,593,231 in damage reimbursements, constituting approximately 62% of the submitted amounts, as summarized below. Staff continues to pursue additional reimbursement through its insurance policy and a claim against Southern California Edison for the remaining 38% of the costs, or \$2,820,048.

|           | <u>Submitted</u> | <u>Received</u> | <u>Outstanding</u> |
|-----------|------------------|-----------------|--------------------|
| Insurance | \$6,501,975      | \$3,681,928     | \$2,820,048        |

CalOES/FEMA \$911,303 \$911,303 0 **TOTAL** \$7,413,279 \$4,593,231 \$2,820,048

# **GOALS:**

Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

Prepared by: Donald Patterson, Director of Finance and Administration



September 1, 2020 LVMWD Regular Board Meeting

TO: Board of Directors FROM: General Manager

Subject: Response to Coronavirus (COVID-19) Pandemic: Continuation of

**Emergency** 

#### **SUMMARY:**

On March 24, 2020, the Board adopted Resolution No. 2572, declaring a state of emergency for the District's service area due to the coronavirus (COVID-19) pandemic and authorizing actions to support the response and recovery effort. On April 21, 2020, the Board adopted Resolution No. 2574, amending and reenacting the declaration of a local state of emergency and authorizing interest-free flexible payments plans for up to 24 months. On May 19, 2020, the Board adopted Resolution No. 2576, amending and reenacting the declaration of a local state of emergency and authorizing a waiver of service initiation fees for commercial customers who temporarily closed their accounts due to hardships associated with COVID-19. Subsequently, on June 16, 2020, the Board adopted Resolution No. 2578, amending and reenacting the declaration of a local state of emergency and authorizing a partial credit to commercial hotel customers for fixed sewer charges for the months of April and May 2020 with a maximum 50 percent reduction of the charges.

Section 2-6.402 of the Las Virgenes Municipal Water District Code requires that once the Board has declared an emergency, it must determine by a 4/5's vote at each subsequent regular Board meeting whether to continue or terminate the authorization for emergency. Staff recommends that the emergency declaration be continued.

# **RECOMMENDATION(S):**

Approve the continuation of an emergency declaration for response to the coronavirus (COVID-19) pandemic.

#### **FISCAL IMPACT:**

No

#### **ITEM BUDGETED:**

#### DISCUSSION:

Resolution Nos. 2572, 2574, 2576, and 2578 authorized and directed the General Manager to temporarily grant relief to District customers, as follows:

- Avoid shutting off water service for non-payment;
- Discontinue the issuance of door tags and associated fees for non-payment;
- Waive late charges for past due water and wastewater bills; and
- Authorize interest-free flexible payment plans for up to 24 months.
- Authorize waiving service initiation fees for commercial customers who temporarily closed their accounts due to hardship associated with COVID-19
- Authorize a partial credit to commercial hotel customers for fixed sewer charges for the months of April and May 2020 with a maximum 50 percent reduction of the charges.

At the Board meeting, staff will provide a comprehensive update on the District's response to the coronavirus (COVID-19) pandemic, including the following items:

- Response actions taken to-date;
- Effectiveness of the above-described actions;
- Feedback received from customers; and
- Billing and financial metrics.

#### **GOALS:**

Provide Safe and Quality Water with Reliable Services

Prepared by: David W. Pedersen, General Manager



September 1, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject: Fiscal Year 2020-21 Mobile Crane Purchase: Award

#### **SUMMARY:**

The adopted Fiscal Year 2020-21 Budget included replacement of District's 1993 15-ton crane that has reached the end of its useful life. Staff contacted three different mobile crane dealers and received quotes from each for the replacement crane. Staff recommends purchasing a new 19-ton mobile crane from the lowest bidder, Custom Truck One Source, in the amount of \$190,776.

# RECOMMENDATION(S):

Authorize the General Manager to issue a purchase order to Custom Truck One Source, in the amount of \$190,776, for the purchase of a 2020 Freightliner M2 19-Ton mobile crane.

#### **FISCAL IMPACT:**

Yes

#### **ITEM BUDGETED:**

Yes

#### FINANCIAL IMPACT:

The cost of the new crane is \$190,776, including applicable sales tax and freight. Sufficient funds are available in the adopted Fiscal Year 2020-21 Capital Improvement Budget under CIP No. 201886. No additional appropriation is required.

#### **DISCUSSION:**

Operations and maintenance staff use the District's mobile crane extensively to maintain

pumps, motors and other heavy equipment. The 1993 15-ton crane, which the District bought used from a rental company, has reached the end of its useful life. The crane is experiencing significant issues with its hydraulic systems, making it unsafe, unreliable to operate, and unable to serve the District's on-going operation and maintenance needs.

A request for quotes for a replacement crane was sent to three different crane dealers. All dealers had four weeks to supply the District with quotes for a new 19-ton crane as a direct replacement with a 15-ton crane is no longer available.

Following is a summary of the responses:

| Custom Truck One Source | \$190,776.00 w/ tax and freight |
|-------------------------|---------------------------------|
| Western Pacific Crane   | \$197,398.13 w/ tax and freight |
| Velocity Truck Center   | \$220,425.68 w/ tax and freight |

Once the new crane is received, the General Manager, under his authority to declare aging equipment as surplus, will arrange for the old crane to be sent for public auction.

| Vehicle No.<br>847 | 1993 Ford<br>F700 National | Vin No.<br>1FDPK74C8RVA33149 | License No.<br>1097773 | Mileage<br>61,805 |
|--------------------|----------------------------|------------------------------|------------------------|-------------------|
|                    | 15-ton mobile              |                              |                        | ,                 |
|                    | crane                      |                              |                        |                   |

#### **GOALS:**

Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

The new 19-ton crane will support staff to perform all heavy equipment maintenance in a safer and more reliable fashion for decades to come.

Prepared by: Shawn Triplett, Facilities Maintenance Supervisor

#### **ATTACHMENTS:**

Crane quotes



# PRO FORMA INVOICE

Las Virgenes Municipal Water District 4232 Las Virgenes Rd. #1994 Calabasas, Ca.

| 2020 Freightliner M2 19T Crane         |   | \$<br>170,800 |
|--|---|---------------|
| Freight Charge from KC                 |   |               |
| Ca Sales Tax 9.50 %                    |   | \$<br>16,226  |
| Ca DMV Reg Fee (customer will habndle) | 5 | 0             |
| GRAND TOTAL                            |   | \$<br>190,776 |

14670 RANDALL AVENUE, FONTANA, CA 92335



#### **Custom Truck One Source**

Fontana, Ca. 92335 Phone: (909) 441.6105

https://www.customtruck.com/locations

# Load King Stinger 19-70 2020 Freightliner M2106

Stock NT28674 VIN 3ALACXFEXLDLH9012



# **Detailed Specification**

| Engine Make     | Cummins | Engine HP              | 260          |  |
|-----------------|---------|------------------------|--------------|--|
| Engine Model    | L9 D    | Transmission           | Automatic    |  |
| Axle Config     | 4x2     | Meter Reading          | 16.0         |  |
| FA Capacity     | 12000   |                        |              |  |
| Front End Ratio | 5.22    | Characteristic<br>Type | 19 Ton Crane |  |
| RA Capacity     | 21000   | C D-4:                 | 40 T-        |  |
| Rear End Ratio  | 5 22    | Crane Rating           | 19 Ton       |  |

Cab TypeRegular CabAttached BodyStinger 19-70

Wheelbase 238



# Load King Stinger 19-70 19 Ton Boom (Stock #NT28674) 2020 Freightliner M2106

#### CHASSIS SPECS

Engine

Cummins L9 270 HP 2) DTNA Batteries 18.7 CFM Air Compressor Phillips 1000 Watt/115 V Block Heater

Transmission

Allison 3000 RDS Automatic Transmission With PTO Provision

Front Axle

Detroit DA-F-120 12,000 lb FF1 71.5 KPI/3.74 Drop Single Front Axle Tires: 11R22.5 Aluminum Wheels

Front Suspension

12,000# Mono Taperleaf Front Suspension

Rear Axle

Detroit DA-RS-21.0-4 21,000# R-Series Single Rear Axle (1) Driver Controlled Differential Lock Ratio 5.22 Tires: 11R22.5 Aluminum Wheels

Rear Suspension 23,000# 52 Inch Variable Rate Multi-Leaf Spring Rear Suspension With Leaf Spring Helper

**Fuel Tanks** 

50 Gallon Aluminum Fuel Tank - RH 50 Gallon Aluminum Fuel Tank - LH

Wabco 4S/4M ABS Air Brakes Heated Air Dryer

Cab Features 106 Inch BBC Flat Roof Aluminum Conventional Cab Air Cab Mounting Fiberglass Hood Fiberglass Hood
Single 14 Inch Round Hadley Air Horn
Dual Electric Horns
Door Locks And Ignition Switch Keyed The Same
(5) Amber Marker Lights
Dual West Coast Bright Finish Heated Mirrors
LH And RH 8 Inch Bright Finish Convex
Mirrors Mirrors Opal Gray Vinyl Interior 3 Man Bench Seat

Gray Mordura Cloth Driver Seat Cover
Gray Mordura Cloth Driver Seat Cover
Gray Mordura Cloth Passenger Seat Cover
Adjustable Tilt And Telescoping Steering Column
Woodgrain Driver Instrument Panel Woodgrain Center Instrument Panel

**EQUIPMENT SPECIFICATIONS** 

Load King 19-70 19 Ton Boom 19 Tons Capacity Rating Mainframe Consists Of All-Steel, Box Construction Mainframe Consists Of All-Steel, Box Construction
Subframe Length Designed For 20' Flatbed
Dual Side Stand Up Controls With Foot Throttle Pedal
Rotation Planetary Gearbox – Hydraulic Motor Driven With
370-Degrees Of Non-Continuous Swing Rotation
Crane Consoles Include 4 Lever Rubber Booted Control Handles
Rated Capacity Limiter System With Digital Read Out Display, And Rated Capacity Limiter System With Digital Read Out Display, And Integrated Work Area Definition Program Boom Tip Head Is Equipped With 2 Bottom Head Sheaves High Capacity Full Flow Oil Filtration System With A 70 Gallon Capacity Combined Flow Planetary Hoist - Hydraulic Motor Driven Warning Light For High Hydraulic Oil Temperature 70 Three Section Keel Designed Boom, Full Power, Mechanically Synchronized 24' (1 Piece) Jib 240" x 9/16" Spin Resistant Wire Rope Load Ball With Non-Swivel Hook

20' Steel Flatbed

180 Degree Capacity Without Front Bumper Stabalizer Hot Shift PTO

Options:

15-Ton 1-Sheave Block \$1,900



EXPIRATION DATE: 6-30-20

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DISCLAIMER. Specifications are believed to be correct, but may contain errors and/or omissions, Pictures are representative and may not be identical.

- 1. TRADE-IN(S). Purchaser shall deliver trade-in(s) in the same condition as at the time of inspection and appraisal by Seller reasonable wear and tear excepted, except as disclosed in the Agreement. Purchase represents that each truck shall be free and clear of all liens and encumbrances and warrants that the trade-in(s) are that type and condition described in this Agreement, Including any attachments hereto.
- 2. TERMS OF PAYMENT. Unless otherwise agreed, net payment shall be due on delivery. Late payments shall bear interest at the rate of 18% per annum, or the maximum permitted by law, whichever is less. If acceptance of delivery is delayed by Purchaser, payment shall become due on the date when Selter is prepared to deliver. If the financial condition of Purchaser at any time does not, in the judgment of Seller, justify continuance of the work to be performed by Seller hereunder on the terms of payment as agreed upon, Seller may suspend such work, or postpone delivery, and require such assurances of Purchaser's performance as Seller deems adequate, including payment in advance, or Seller may cancel this order and shall receive reimbursement for its reasonable and proper cancellation charges. In the event of seek reimbursement for its reasonable and proper cancellation charges.
- 3. CANCELLATION. Purchaser may cancel this order only if Seller is able to cancel said order with the manufacturer, and only upon written notice. Upon cancellation or failure to accept delivery, Purchaser shall pay Seller reasonable cancellation changes and expenses, not to be less than Seller's out-of-pocket expenses including carrying costs.
- 4. SALES AND OTHER TAXES. Unless otherwise specified herein, Seller's price does not include federal exclse, sales, use, or other taxes. Consequently, in addition to the price specified herein, the amount of any other excise, sales, use of the trucks purchased hereunder shall be paid by Purchaser, or in lieu thereof Purchaser shall provide Seller with a tax exemption certificate acceptable to the taxing authorities. Purchaser agrees that all taxes related to this transaction, whether arising at the time of the transaction or in the future, are Purchaser's responsibility and further agrees to promptly pay any such taxes.
- 5. DELIVERY. All trucks furnished hereunder shall be delivered to Purchaser at the Seller's dealership location or other location as designated in this Agreement. Unless otherwise provided, delivery will be made via carriers and routes designated by manufacturer with freight charges to be included in the purchase price. Delivery dates are approximate and are based upon receipt of all necessary information from Purchaser. Seller shall not be liable for delays in delivery or manufacturing, or other causes beyond Seller's control.
- 6. TECHNICAL CHANGES. Purchaser acknowledges that the manufacturer and Seller reserve the right to change the specifications of the truck(s) at any time without obligation to make such changes in other trucks previously delivered to Purchaser. In addition, manufacturer and Seller reserve the right to make design changes and substitution of materials subsequent to the receipt of the order which, in manufacturers or Seller's opinion are necessary to improve the truck. Purchaser agrees to accept any such changes as fulfillment of Seller's obligations under this order.
- 7. REQUIRED EQUIPMENT. This order shall be deemed to include, whether or not specified herein, all equipment or accessories required by the National Highway Traffic Safety Act or other regulations in effect at the time of order of receipt. It is agreed that any additional or different equipment not specified which is required at the time of delivery to meet the foregoing Act or other regulations will be added and the costs shall be paid by Purchaser. Purchaser understands that certain safety equipment is available that is not legally required and is available at Purchasers request for an additional fee.
- 8. TITLE AND REMEDIES. Until full payment by Purchaser of all amounts due hereunder, Seller reserves the title to all equipment furnished hereunder. If Purchaser defaults in payment or performance hereunder or becomes subject to insolvency, receivership, or bankruptcy proceedings, or makes an assignment for the benefit of creditors, or without the consent of Seller voluntarily or involuntarily sells, transfers, leases, or permits any lien or attachment on the equipment delivered hereunder, Seller may treat all amounts then or thereafter owing hereunder by Purchaser as immediately due and payable (subject only to credits required by law) and Seller may repossess said equipment by any means available by law and shall enjoy any and all other remedies of a secured creditor under the Uniform Commercial Code. Purchaser shall execute and deliver to Seller such financing statements and other documents, as Seller may deem appropriate to evidence, perfect, and protect the priority of its security interest in the truck(s) subject to this order.
- 9. GENERAL. Any assignment by Purchaser of this order or any rights hereunder, without written consent of Seller, shall be void. Clerical errors in this order may be automatically corrected by giving written notice thereof to Purchaser by a duly authorized representative of Seller. No waiver, alteration, or modification of any of the provisions hereof shall be binding unless and until in writing and signed by a duly authorized representative of Seller. To the extent not covered by other terms herein, including terms of warranty and limitation of liability, etc., the provisions of the Uniform Commercial Code shall govern this sale.
- 10. IMPORT TARIFFS: Purchaser acknowledges that any import tariffs imposed by the government are the sole responsibility of the Purchaser and will result in an increase in the Seller's price equal to the amount of the obligatory tariff.

This Agreement (including by reference the provisions set out in manufacturer's standard warranty or warranties) shall constitute the entire agreement between Purchaser and Seller, and no understandings or obligations not expressly set forth herein or in manufacturer's standard warranty or warranties are binding upon Purchaser or Seller.

ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN SELLER ARE THEIRS, NOT SELLER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES. SELLER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

| Accepted and Agreed by:  |   | 56   |             |  |
|--------------------------|---|------|-------------|--|
|                          | (Company Name)  | 1761 | (Date)      |  |
| Signor's Name and Title: |   | X    |             |  |
|                          | (Please Print Name and Title. Must be an Officer of the company |      | (Signature) |  |

Aug 10 2020 11:57AM



8600 Calabash Ave, Fontana, CA 92335 | (562) 286-6618 | www.wpcrane.com

June 10, 2020

Las Virgenes Municipal Water District James Michael 818-251-2252

Thank you for your interest in Western Pacific Crane & Equipment and National Boom Trucks. It is a pleasure to quote the following equipment for your consideration:

#### NEW - NATIONAL CRANE MODEL: 500E2 (18 TON CAPACITY)

#### Standard Mount Configuration - 360° Stable Basic 18-ton unit

#### Boom

27' to 71' telescoping boom (three section)

#### **Boom Elevation**

One double acting hydraulic cylinder (-10° to +80°) with integral holding valve

#### Hydraulic Capacity Alert System and Anti-two Block System

Three color gauge, hydraulically operated, maximum capacity sensing device that monitors lift cylinder pressure. Anti two-block internal boom wiring.

#### **Controls**

Dual side controls / operator stations, dual engine accelerators. horn and engine start /stop switches

#### **Outriggers**

"A" type boxed slide outriggers w/non-swivel pads

#### **Swing**

375° non-continuous rotation, adjustable swing drive

#### **Hydraulic System**

Open center type consisting of a fixed displacement three section high pressure pump which supplies oil to a main control valve and a winch control valve. Reservoir capacity 66-gal.(249.8L), 10 micron return line filter. Ball valve on suction line.

#### <u>FlatBed</u>

20' Wood floor bed.

Authorized Distributor for:









#### OFFICE (805) 983-2409 FAX (805) 983-7570

2501 Camino Del Sol, Oknord CA 93039

# **Buyers Order**

Deal#: DE-73032 Opp#: 2020-121482 Date: 08/10/2020

#### www.VelocityTruckCenters.com

| Contact: Edd Agullar - Mobile: 805-338   | 2866 - Email: eaguilar@vvgtruck.com   |
|--|---|
| Вії то: 113090   | Ship To:  |
| LAS VIRGENES MUNICIPAL WATER   |   |
| 4232 LAS VIRGENES RD   |   |
| Calabasas CA 91302 County: Los Angeles<br>Phone: (818) 251-2100  |   |
| striplett@lvmwd.com  |   |
|  |   |
| Unit#: TBD Stock#: New 2021 FREIGHTLINE  | R M2106 Price: \$82,398.00  |
| VIN: GVW   | : 35000 Color: Wht  |
| Detail Delivery Wash   | \$110 <b>7</b> 00 00  |
| Manitex 1970C Crane With 20' Flatbed New Truck Walk Around Including New Truck Orientation   | \$118,782.00  |
| Wheel Chrome-Kit and floor mats  |   |
| To Be Delivered On or About: 12/31/2020  | Unit Price: \$201,180.00  |
|  |   |
|  | Sub Total \$201,180.00  |
|  | Doc Fee \$85.00   |
|  | CA Tire Recycle Fee \$10.50   |
|  | Sales Tax (9.500%) \$19,120.18  |
|  | DMV Electronic Filing \$30.00 Total Vehicle Sale Price \$220,425.68   |
|  | Net Total \$220,425.68  |
| Lienholder: None   | ·   |
| Crane Truck Sales Order  |   |
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| only those items and services specifically written<br>any other agreements, unless in writin   |   |
| The numbered pages of this Order comprise the entire agreement affecting this this purchase has been made or entered into, or will be recognized. I hereby   | purchase and no other agreement or understanding of any nature concerning   |
| vehicle except as appears in writing on the face of this agraement. I have re<br>of this order the same as if it were printed above my signature. I certify the<br>execute this agreement on behalf of my company, and hereby acknowledge recair | ad and understand the final page of this agreement and agree to it as a part<br>at I am of legal age, or older, that I have legal capacity and authority to |
| LAS VIRGENES MUNICIPAL WATER   | Edd Aguilar   |
| (Purchaser's Name)   | (Salesperson Name)  |
| (Purchaser's Signature)  | (Approved By)   |
|  |   |
| Date   | Onte  |



September 1, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Engineering and External Affairs

Subject: 2020 Las Virgenes (Westlake) Reservoir Dam Settlement Report

#### **SUMMARY:**

As part of the District's on-going surveillance monitoring program for Las Virgenes Reservoir Dam, the annual monument survey for the dam was completed, and a report summarizing the results of the survey is submitted for the Board to receive and file. The report identifies no significant variances in horizontal and/or vertical measurements as compared to the previous year's surveys. The report incorporates data from 2019 and has been reviewed by the California Department of Water Resources, Division of Safety of Dams (DSOD).

#### **RECOMMENDATION(S):**

Receive and file the 2020 Las Virgenes Reservoir Dam Settlement Report

#### **FISCAL IMPACT:**

No

#### **ITEM BUDGETED:**

Yes

#### FINANCIAL IMPACT:

There is no financial impact associated with this action.

#### **DISCUSSION:**

The District has been conducting settlement surveys for Las Virgenes (Westlake) Reservoir Dam since its construction in 1972. On February 12, 2020, Benner and Carpenter Land Surveyors completed the latest survey to assess potential settlement of the dam and spillway. The attached Las Virgenes Reservoir Dam Settlement Report was prepared to summarize

and document the results of the survey.

Previous surveys were performed by Benner and Carpenter Land Surveyors, and Peak Surveys, Inc. with consistent results between both surveyors. This report addresses the movement of monuments located on the crest of the dam and along the spillway. Additionally, seepage flow, rainfall amounts, and reservoir level measurements were analyzed in the report using a format recommended by DSOD. The report takes into consideration seepage measurements taken from the District's automated monitoring facilities and manual reads taken by District staff.

DSOD has requested that seepage flow, reservoir level, and horizontal and vertical movement of monuments located on the crest of Las Virgenes Reservoir Dam be monitored and reported. The California Water Code authorizes DSOD to issue rules and regulations to safeguard life and property regarding dams. The last inspection performed by DSOD occurred on May 14, 2019 and resulted in no significant comments. In the event of an earthquake of magnitude 5.0 or greater in the vicinity of the dam, the District is required to perform additional surveys. There have been no earthquakes of magnitude 5.0 or greater within the vicinity of the dam since the last survey was performed on May 21, 2019. Additionally, an automated seepage monitoring system connects to the District's SCADA system and monitors seepage from the dam. In the event of larger than normal amounts of seepage, SCADA will send an alarm to District staff.

Based on a request from the Board in 2019, staff is working on adding a new survey monument in the middle of the dam spillway for future monitoring and inclusion in the next settlement report, which would be in addition to the existing survey points at the bottom and top of the spillway. Benner and Carpenter also recommend that the District consider establishing new survey points for some existing points due to their condition. However, any new monuments would not be able to be used for comparisons against previous settlement data. As a result, staff proposes to rehabilitate the current survey points rather than replacing/relocating them.

#### Alkali-Silica Reaction on Concrete Spillway:

On October 19, 2019, staff inspected Las Virgenes Reservoir's spillway for signs of deterioration due to alkali-silica reaction (ASR). ASR is a swelling reaction that occurs over time in concrete between highly alkaline cement paste and the non-crystalline silica found in many common aggregates, given sufficient moisture. The condition causes internal expansive pressure, leading to loss of strength, cracking and eventual concrete failure.

From the October 19, 2019 inspection, staff found no significant cracks within the spillway. The majority of the ASR formation is centered on the inlet and outlet of the spillway. While there is cracking at the outlet of the spillway and a few areas that show some pitting, staff does not believe that the condition is the result of ASR. Also attached are photos illustrating the condition of the spillway.

#### New DSOD Automated Alert System:

DSOD has developed a new automated alert system that notifies dam owners of the need for facility inspections when a 4.5 or greater magnitude earthquake occurs. An alert is generated when an exceedance ratio based on the specific capacity of each dam to withstand the earthquake is exceeded. If the exceedance ratio is greater than 1.0, DSOD staff will notify the

dam owner and perform an inspection of the dam.

#### **GOALS:**

Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

The on-going surveillance monitoring program and continued maintenance of Las Virgenes Reservoir Dam ensures the protection of property and safety of the general public.

Prepared by: Mercedes Acevedo, E.I.T, Assistant Engineer

#### **ATTACHMENTS:**

Las Virgenes Reservoir Dam Settlement Report Photos of Spillway Condition

#### 2020 Las Virgenes Dam Settlement Report

On February 12<sup>th</sup>,2020, Las Virgenes Municipal Water District (District) had Benner and Carpenter Land Surveyors (Benner and Carpenter) perform a settlement survey of the earthen dams around the Las Virgenes Reservoir located in the City of Westlake Village, Los Angeles County, California. The previous annual settlement survey was performed on May 21<sup>st</sup>, 2019 by Benner and Carpenter.

DSOD requests that the horizontal and vertical movement of monuments located on the crest of the dam, seepage flows and reservoir levels be monitored. The California Water Code authorizes the DSOD to issue rules and regulations to safeguard life and property. In the case of an earthquake magnitude 5.0 or greater in the immediate vicinity of the dam, the District will perform additional surveys.

The District has been conducting settlement surveys since May of 1972. The annual survey is performed by measuring the vertical and horizontal movements of fourteen monuments on the crest of the dam. The results of these measurements are compared with results from previous surveys, particularly the previous year's results. Large deviations (1 inch or greater) in the horizontal or vertical position of the monuments since the last survey warrant further investigation. There were no movements of the monuments between the 2019 and 2020 surveys that were 1 inch or greater. A table summarizing the survey data and net movements of the monuments is presented in the attachments.

Historical survey monument measurements are presented in tabular and graphical format in the attachments. These tables show the initial readings from 1972, but do not show the readings from 1973 to 1989 for conciseness. Survey results from 1990 to 2020 are presented in the tables. No survey of the monuments were conducted in 2018. The trending of the monument movements is shown graphically. The graphs do not show any significant vertical or horizontal movements that would require further investigation. In the case of an earthquake of magnitude 5.0 or greater in the vicinity of the dam, the District is required to perform additional surveys. There have been no earthquakes of magnitude 5.0 or greater within the vicinity of the dam since the last survey performed on May 21st, 2019.

In addition to the surveying of monuments, seepage from the four drains at the dam (Saddle, Perch, Main, and Easterly) is measured weekly. Significant variations in the rate of seepage that do not correspond to rainfall would require further investigation. Seepage flows can be measured manually using a container and timer to calculate the flow rate. Facilities were also constructed in 2009 to automatically measure seepage from the dam continuously. Based on recommendations from DSOD, seepage flows were measured using both the manual method and automatic system. Automated seepage measurements are connected to the SCADA system and a high seepage flow alarm will be triggered if the flow exceeds the highest historical seepage flow rate on record for each of the four seepage drains.

Since the last survey there have been no unexpected increases in seepage flow and any elevated seepage rate is consistent with seepage rates observed in past years during similar rainfall events.

Additionally, as a part of this report, Benner and Carpenter measured distances from the inside face of the spillway to a previously established baseline. These measurements have been taken since 1991 and are presented in tabular format. The concrete in the spillway has been undergoing an alkali-silica reaction (ASR) causing minor deterioration. The ASR has resulted in "map" type cracking throughout the structure and caused minimal horizontal displacement. Tabular data analysis shows that there were no significant cumulative movements in the sections of the spillway between the 2019 and 2020 measurements.

Fifteen graphs are attached which compare reservoir levels and seepage with rainfall and monument displacement:

- The first fourteen graphs show the rise of the reservoir elevation during the winter "fill" period and then its decline during the summer "use" period. The multi-colored lines underneath the reservoir elevation represent the seepage rates at the Easterly, Perch, Main, and Saddle drains. The line graph in the middle of the page shows the cumulative displacement of the survey monuments over time. The monument displacement readings are taken annually. The bar graph on the bottom represents rainfall (cumulatively recorded weekly). This graphical presentation shows the general correlation between rainfall and seepage rates. These graphs are approximately aligned on the X-axis, so some minor offset in data may exist.
- The last graph shows the trends in seepage flow (in gallons per minute) of the Saddle, Perch, Main, and Easterly drains and precipitation for the same time period. Seepage patterns remain consistent throughout the years except in the case of a significant rain event. Effects of significant rain can be seen on the graph at various times where there are corresponding spikes of seepage. If there are spikes of seepage that do not correspond to rain events, further investigation would be necessary. The 2017-2020 rainfall and seepage is consistent with past years, and spikes in seepage correspond to rain events so no further investigation is necessary. These graphs are approximately aligned on the X-axis, so some minor offset in data may exist.

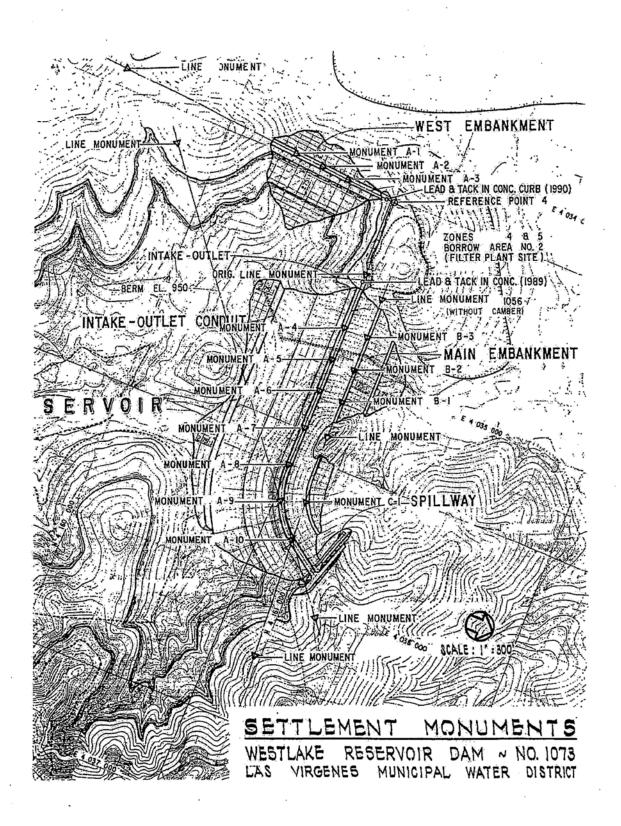
The next settlement survey should be conducted in January of 2021, unless a seismic event above magnitude 5.0 occurs in the vicinity of the dam which would require a survey as soon as possible.

This report will be forwarded to the City of Westlake Village and the Department of Water Resources, Division of Safety of Dams.

#### Attachments:

| A-1 | Las Virgenes Dam Monument Plan   |
|-----|--|
| A-2 | Summary Table of Las Virgenes Dam Vertical and Horizontal Surveys                                  |
| A-3 | Settlement and Horizontal Movement Data for Each Monument (14 pages of Tabular and Graphical Data) |
| A-4 | Summary Table of Las Virgenes Dam Spillway Measurements  |
| A-5 | Graphs 1-14: Las Virgenes Reservoir: Reservoir Elevation, Seepage,                                 |
|     | Monument Displacement, and Rainfall  |
| A-6 | Graph 15: Las Virgenes Reservoir: Easterly, Perch, Main, and Saddle Drains Seepage                 |
| A-7 | Benner and Carpenter, Civil Engineers and Land Surveyors: Survey data and notes                    |
| A-8 | Shake Maps California Earthquake Archive for 2019  |
| A-9 | DSOD Letter Dated February, 28th, 2020   |

#### A-1—LAS VIRGENES DAM MONUMENT PLAN



# A-2 Summary Table of Las Virgenes Dam Vertical and Horizontal Surveys

#### LAS VIRGENES DAM VERTICAL SURVEY

| Monument | Measuren  | nent Dates | Net Mov | ement    |
|----------|-----------|------------|---------|----------|
|          | 5/21/2019 |            | [feet]  | [inches] |
| A-1      | 1056.22   | 1056.23    | 0.010   | 0.120    |
| A-2      | 1056.50   | 1056.51    | 0.010   | 0.120    |
| A-3      | 1056.49   | 1056.49    | 0.000   | 0.000    |
| A-4      | 1057.67   | 1057.68    | 0.010   | 0.120    |
| A-5      | 1058.40   | 1058.41    | 0.010   | 0.120    |
| A-6      | 1058.31   | 1058.32    | 0.010   | 0.120    |
| A-7      | 1057.71   | 1057.72    | 0.010   | 0.120    |
| A-8      | 1057.56   | 1057.57    | 0.010   | 0.120    |
| A-9      | 1057.56   | 1057.57    | 0.010   | 0.120    |
| A-10     | 1057.16   | 1057.16    | 0.000   | 0.000    |
|          |           |            |         |          |
| B-1      | 1010.29   | 1010.27    | -0.020  | -0.240   |
| B-2      | 1009.97   | 1009.95    | -0.020  | -0.240   |
| B-3      | 1010.16   | 1010.13    | -0.030  | -0.360   |
|          |           |            |         |          |
| C-1      | 1010.91   | 1010.905   | -0.005  | -0.060   |

**Maximum Vertical Deflection:** 

-0.360 inches

#### LAS VIRGENES DAM HORIZONTAL SURVEY

| Monument | Measuren  | nent Dates | Net Mov | ement    |
|----------|-----------|------------|---------|----------|
|          | 5/21/2019 | 2/21/2020  | [feet]  | [inches] |
| A-1      | 0.08      | 0.08       | 0.000   | 0.000    |
| A-2      | 0.08      | 0.08       | 0.000   | 0.000    |
| A-3      | 0.025     | 0.025      | 0.000   | 0.000    |
| A-4      | 0.06      | 0.06       | 0.000   | 0.000    |
| A-5      | 0.04      | 0.04       | 0.000   | 0.000    |
| A-6      | 0.01      | 0.01       | 0.000   | 0.000    |
| A-7      | 0.03      | 0.03       | 0.000   | 0.000    |
| A-8      | 0.02      | 0.02       | 0.000   | 0.000    |
| A-9      | 0.025     | 0.025      | 0.000   | 0.000    |
| A-10     | 0.05      | 0.05       | 0.000   | 0.000    |
|          |           |            |         |          |
| B-1      | 0.06      | 0.06       | 0.000   | 0.000    |
| B-2      | 0.14      | 0.14       | 0.000   | 0.000    |
| B-3      | 0.11      | 0.11       | 0.000   | 0.000    |
|          |           |            |         |          |
| C-1      | 0.03      | 0.03       | 0.000   | 0.000    |

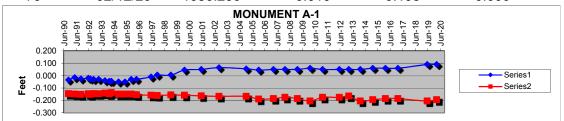
**Maximum Horizontal Deflection:** 

**0.000** inches

#### A-3 SETTLEMENT & HORIZONTAL MOVEMENT DATA

# LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| READING |          | VE       | RTICAL [feet] | I      | HORIZONTAL [feet] |        |
|---------|----------|----------|---------------|--------|-------------------|--------|
| NO.     | DATE     | ELEV     | DIFF.         | CUM.   | DIFF.             | CUM.   |
| 1       | 05/01/72 | 1056.425 | 0.000         | 0.000  | 0.000             | 0.000  |
| 45      | 10/16/90 | 1056.279 | -0.007        | -0.146 | -0.015            | -0.035 |
| 46      | 04/26/91 | 1056.276 | -0.003        | -0.149 | 0.020             | -0.015 |
| 47      | 10/21/91 | 1056.273 | -0.003        | -0.152 | -0.010            | -0.025 |
| 48      | 05/01/92 | 1056.278 | 0.005         | -0.147 | 0.005             | -0.020 |
| 49      | 07/01/92 | 1056.273 | -0.005        | -0.152 | -0.005            | -0.025 |
| 50      | 10/14/92 | 1056.279 | 0.006         | -0.146 | -0.005            | -0.030 |
| 51      | 03/30/93 | 1056.278 | -0.001        | -0.147 | 0.000             | -0.030 |
| 52      | 09/30/93 | 1056.283 | 0.005         | -0.142 | -0.010            | -0.040 |
| 53      | 01/21/94 | 1056.277 | -0.006        | -0.148 | -0.005            | -0.045 |
| 54      | 03/24/94 | 1056.287 | 0.010         | -0.138 | 0.000             | -0.045 |
| 55      | 10/11/94 | 1056.276 | -0.011        | -0.149 | -0.005            | -0.050 |
| 56      | 04/06/95 | 1056.275 | -0.001        | -0.150 | 0.000             | -0.050 |
| 57      | 10/19/95 | 1056.275 | 0.000         | -0.150 | 0.020             | -0.030 |
| 58      | 03/28/96 | 1056.270 | -0.005        | -0.155 | 0.000             | -0.030 |
| 59      | 05/02/97 | 1056.267 | -0.003        | -0.158 | 0.020             | -0.010 |
| 60      | 11/21/97 | 1056.264 | -0.003        | -0.161 | 0.015             | 0.005  |
| 61      | 12/17/98 | 1056.269 | 0.005         | -0.156 | 0.000             | 0.005  |
| 62      | 01/06/00 | 1056.267 | -0.002        | -0.158 | 0.040             | 0.045  |
| 63      | 05/14/01 | 1056.262 | -0.005        | -0.163 | 0.005             | 0.050  |
| 64      | 10/30/02 | 1056.258 | -0.004        | -0.167 | 0.015             | 0.065  |
| 65      | 12/16/04 | 1056.258 | 0.000         | -0.167 | -0.010            | 0.055  |
| 66      | 12/09/05 | 1056.235 | -0.023        | -0.190 | -0.010            | 0.045  |
| 67      | 02/21/07 | 1056.240 | 0.005         | -0.185 | 0.005             | 0.050  |
| 68      | 01/24/08 | 1056.250 | 0.010         | -0.175 | 0.000             | 0.050  |
| 69      | 01/29/09 | 1056.240 | -0.010        | -0.185 | 0.000             | 0.050  |
| 70      | 01/28/10 | 1056.220 | -0.020        | -0.205 | 0.010             | 0.060  |
| 71      | 01/18/11 | 1056.250 | 0.030         | -0.175 | -0.010            | 0.050  |
| 72      | 05/01/12 | 1056.250 | 0.000         | -0.175 | 0.000             | 0.050  |
| 73      | 02/13/13 | 1056.260 | 0.010         | -0.165 | 0.000             | 0.050  |
| 74      | 01/16/14 | 1056.220 | -0.040        | -0.205 | 0.000             | 0.050  |
| 75      | 01/07/15 | 1056.230 | 0.010         | -0.195 | 0.010             | 0.060  |
| 76      | 01/08/16 | 1056.240 | 0.010         | -0.185 | 0.000             | 0.060  |
| 77      | 01/09/17 | 1056.240 | 0.000         | -0.185 | 0.000             | 0.060  |
| 78      | 05/21/19 | 1056.220 | -0.020        | -0.205 | 0.030             | 0.090  |
| 79      | 02/12/20 | 1056.230 | 0.010         | -0.195 | 0.000             | 0.090  |
|         |          | MO       | NUMENT A-1    |        |                   |        |



#### A-4 SUMMMARY TABLE OF LAS VIRGENES DAM SPILLWAY MEASUREMENTS

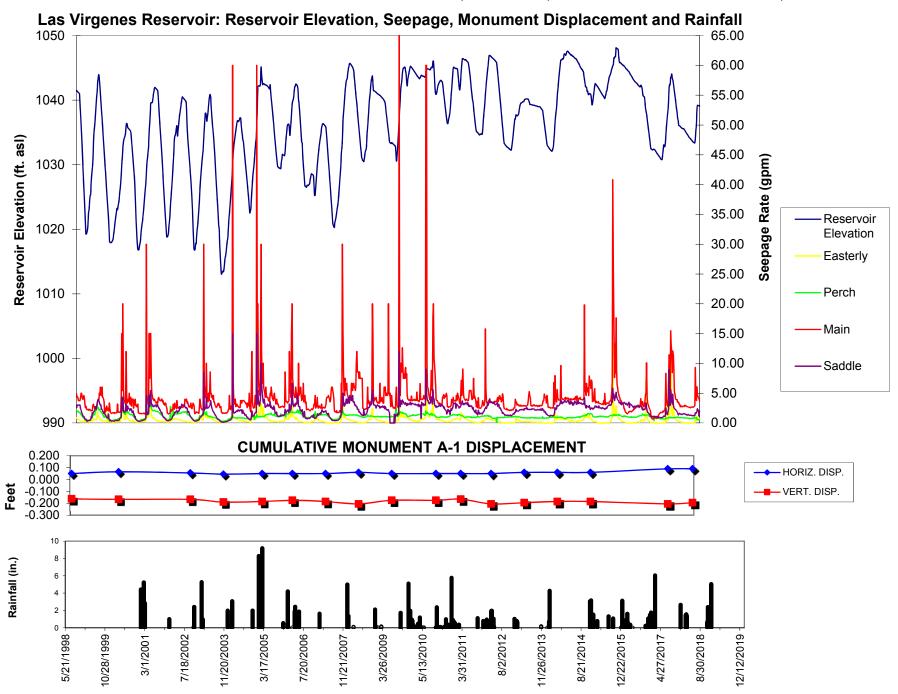
### **TABULAR SUMMARY OF SURVEY DATA**

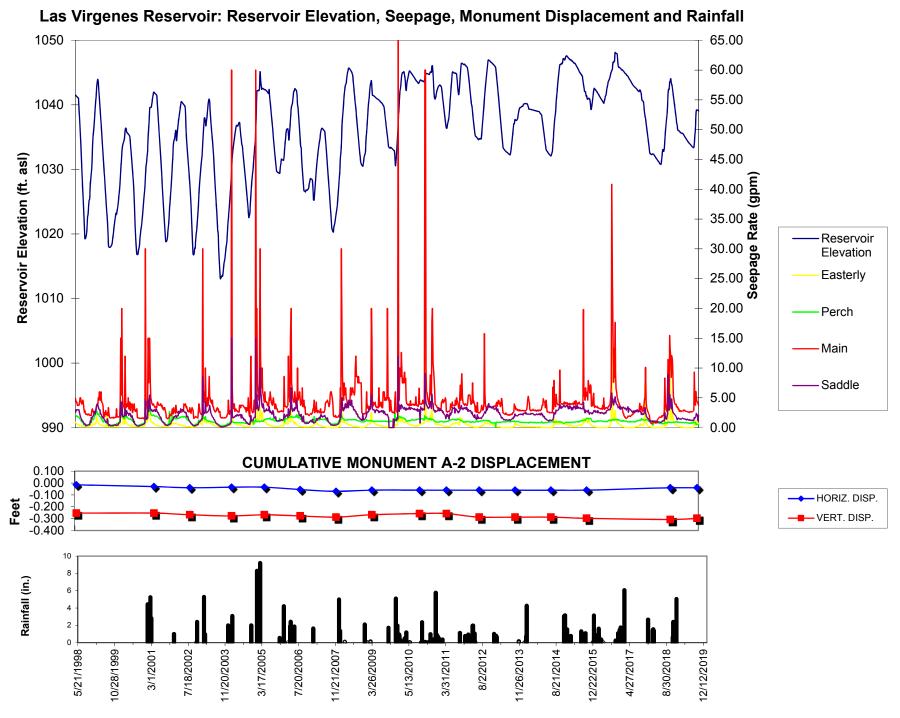
#### LAS VIRGENES DAM SPILLWAY SURVEY

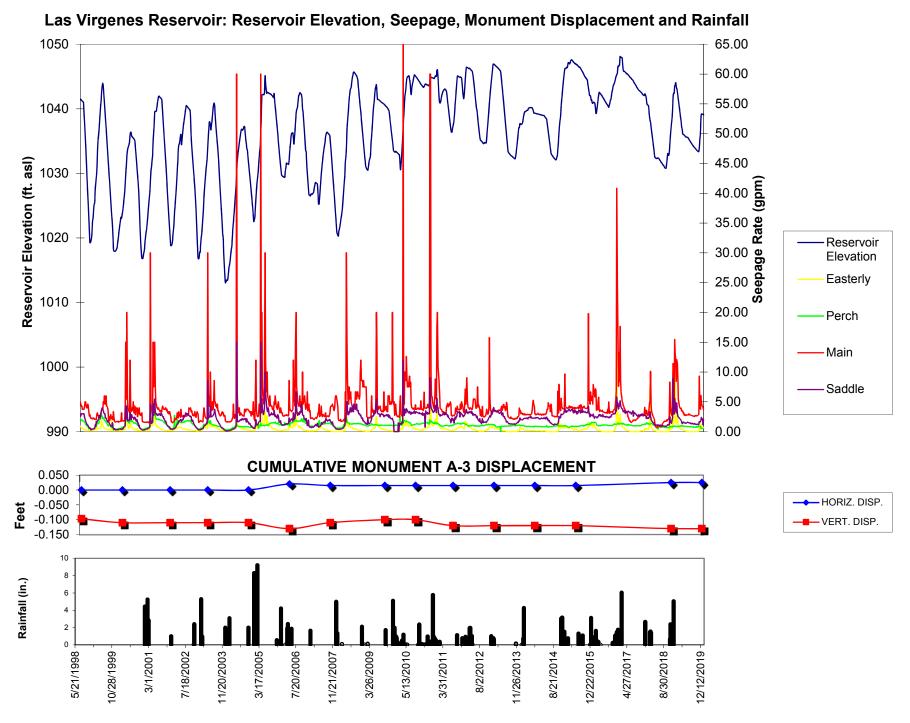
| North Side      | Measure   | ment Dates | Net M  | ovement  | South Side      | Measure   | ement Dates | Net Movement |          |
|-----------------|-----------|------------|--------|----------|-----------------|-----------|-------------|--------------|----------|
| Inlet to Outlet | 5/21/2019 | 2/12/2020  | Feet   | [inches] | Inlet to Outlet | 5/21/2019 | 2/12/2020   | [feet]       | [inches] |
| 1               | 2.68      | 2.68       | 0.000  | 0.000    | 1               | 2.54      | 2.54        | 0.000        | 0.000    |
| 2               | 2.65      | 2.65       | 0.000  | 0.000    | 2               | 2.55      | 2.55        | 0.000        | 0.000    |
| 3               | 2.63      | 2.65       | -0.020 | -0.240   | 3               | 2.56      | 2.56        | 0.000        | 0.000    |
| 4               | 2.65      | 2.65       | 0.000  | 0.000    | 4               | 2.58      | 2.58        | 0.000        | 0.000    |
| 5               | 2.71      | 2.71       | 0.000  | 0.000    | 5               | 2.59      | 2.59        | 0.000        | 0.000    |
| 6               | 2.70      | 2.71       | -0.010 | -0.120   | 6               | 2.57      | 2.57        | 0.000        | 0.000    |
| 7               | 2.62      | 2.63       | -0.010 | -0.120   | 7               | 2.56      | 2.56        | 0.000        | 0.000    |
| 8               | 2.62      | 2.62       | 0.000  | 0.000    | 8               | 2.55      | 2.55        | 0.000        | 0.000    |
| 9               | 2.63      | 2.63       | 0.000  | 0.000    | 9               | 2.52      | 2.52        | 0.000        | 0.000    |
| 10              | 2.67      | 2.67       | 0.000  | 0.000    | 10              | 2.57      | 2.57        | 0.000        | 0.000    |
| 11              | 2.62      | 2.62       | 0.000  | 0.000    | 11              | 2.55      | 2.55        | 0.000        | 0.000    |
| 12              | 2.59      | 2.61       | -0.020 | -0.240   | 12              | 2.56      | 2.56        | 0.000        | 0.000    |

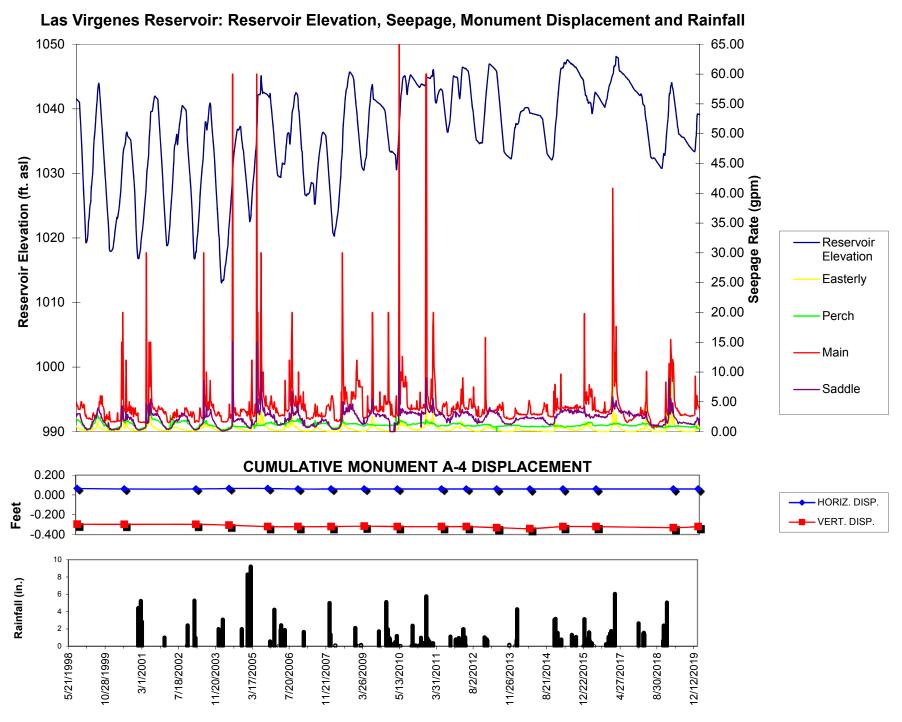
Maximum North Side Movement: 0.000 inches Maximum South Side Movement: 0.000 inches

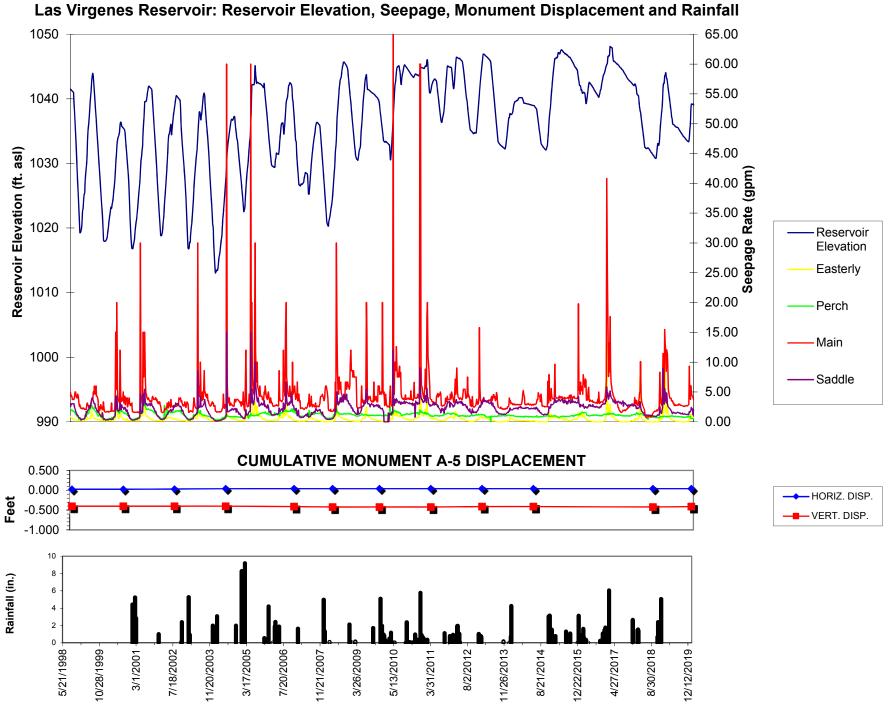
#### A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

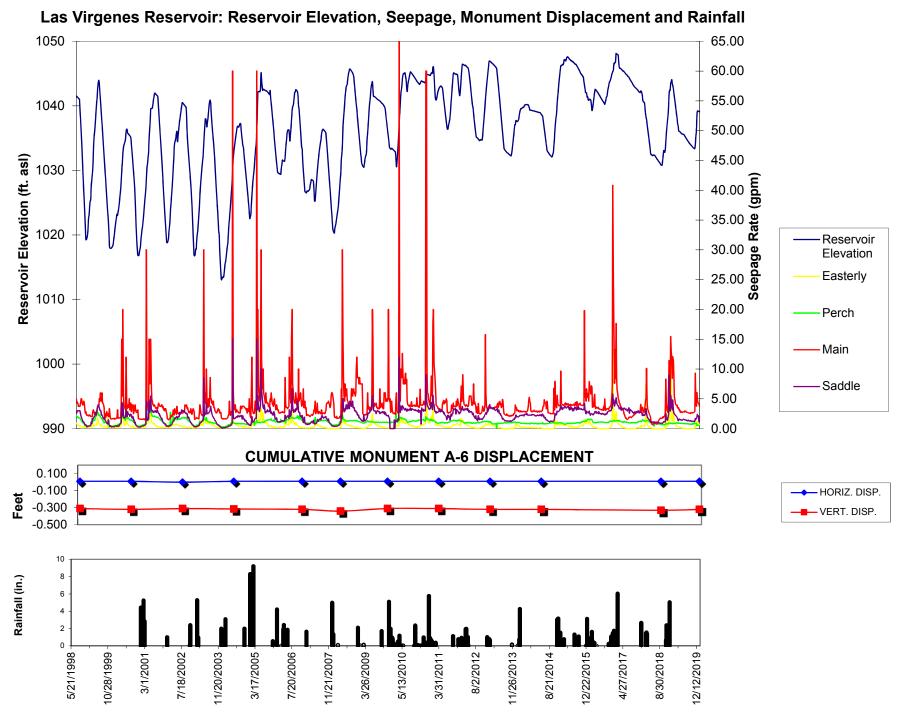


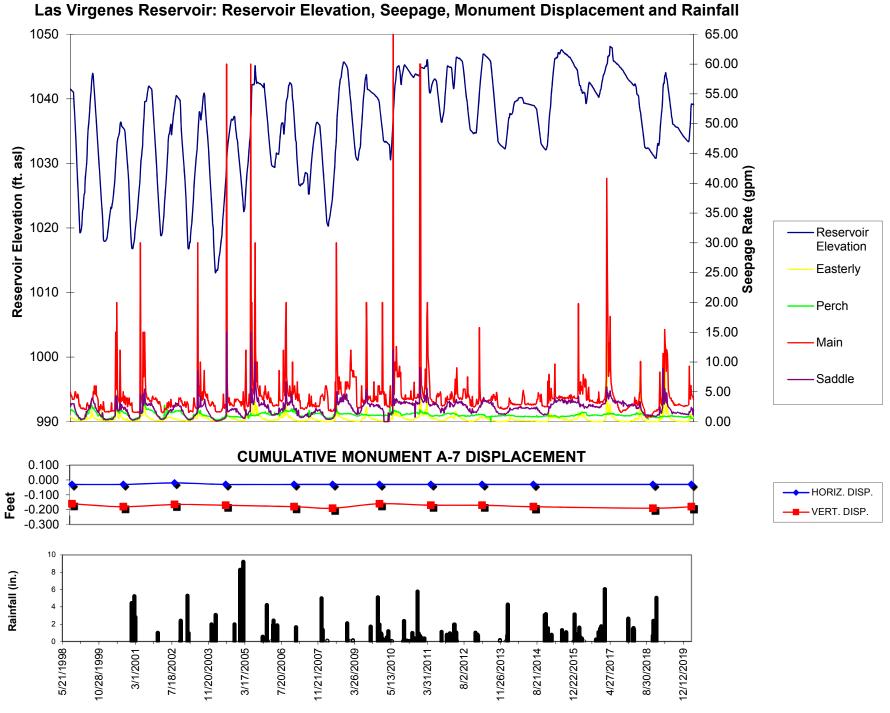


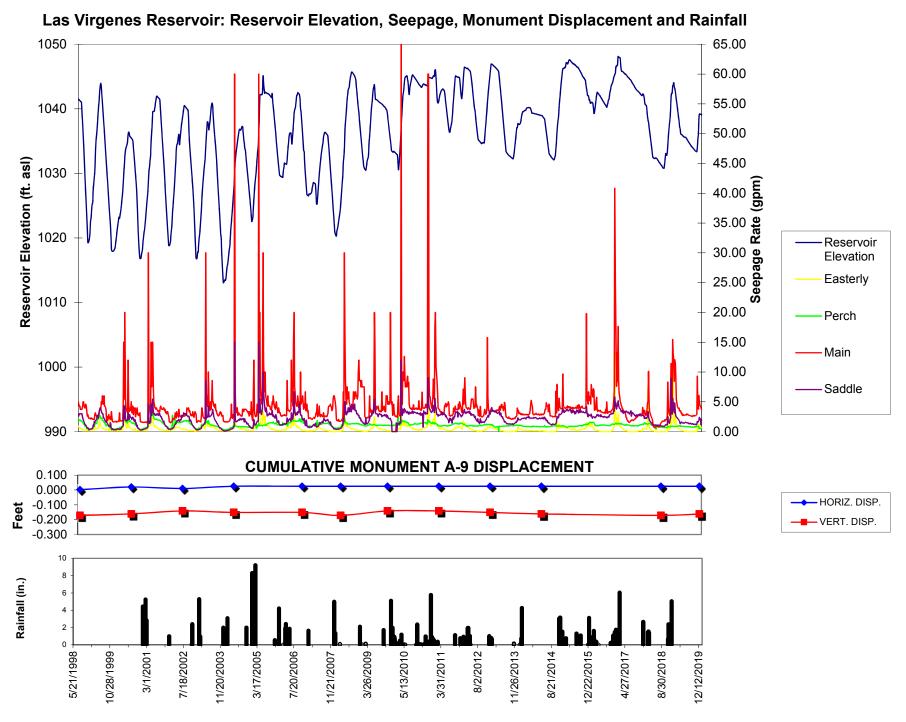


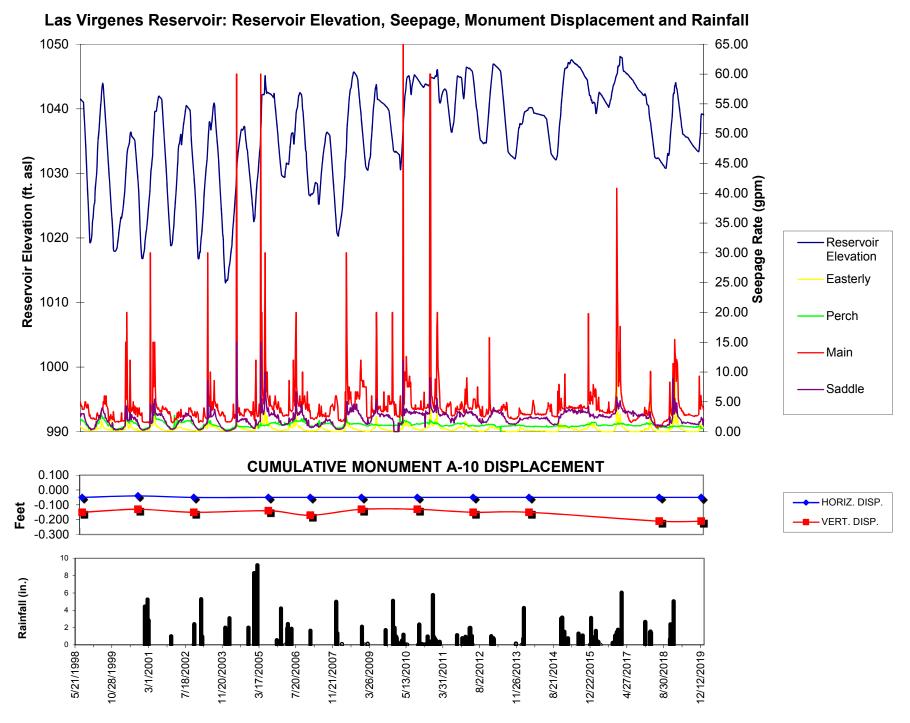


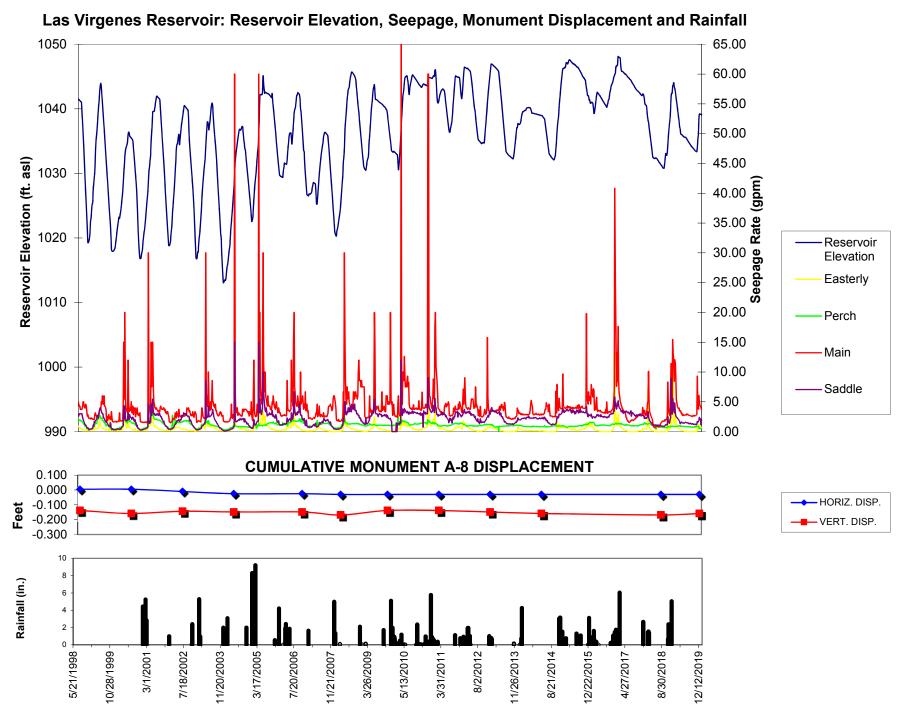


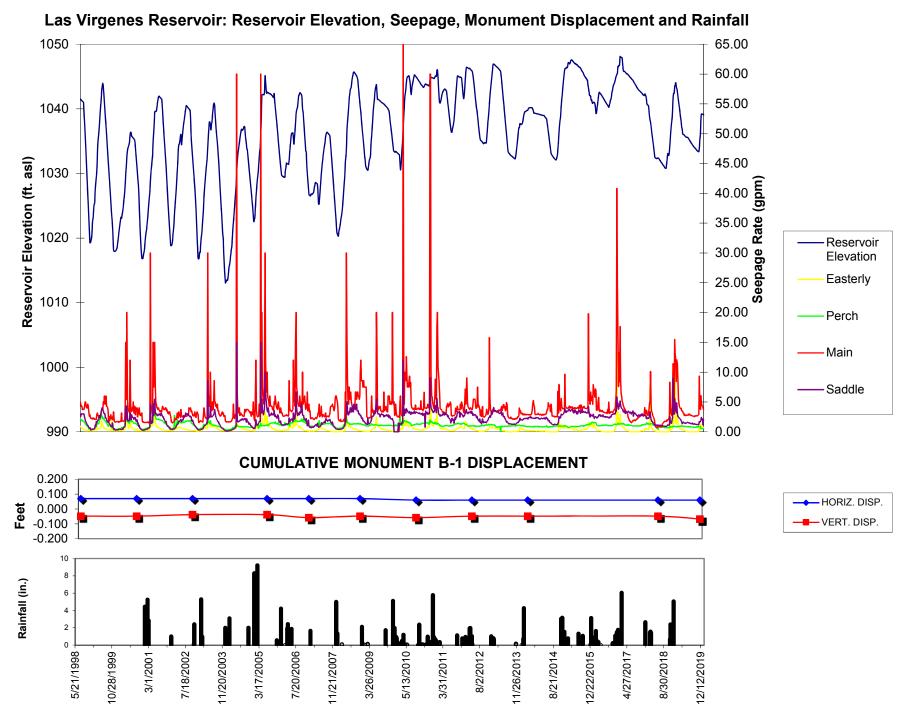


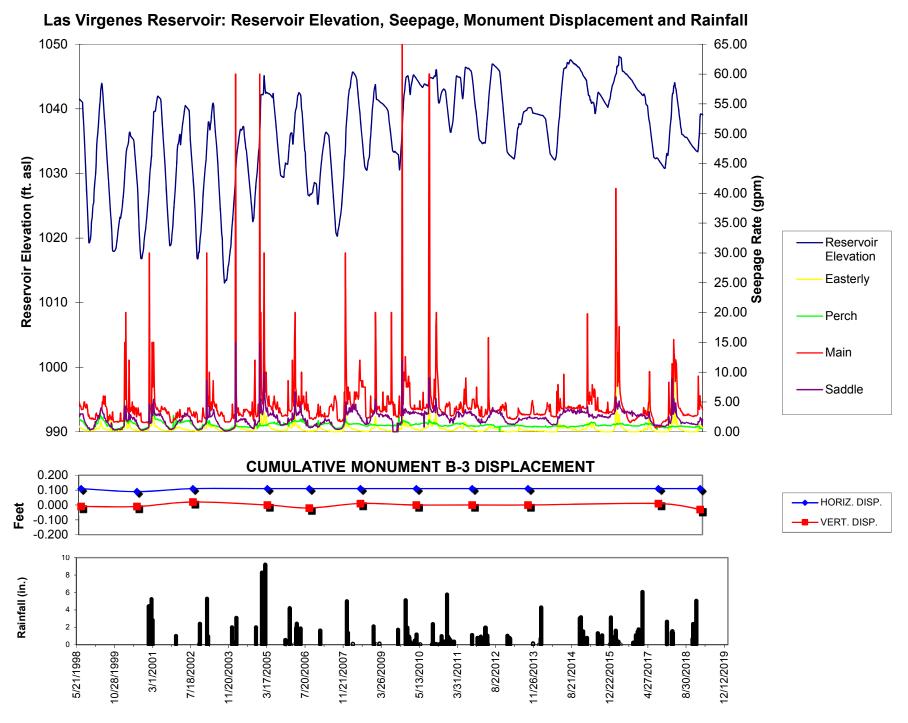


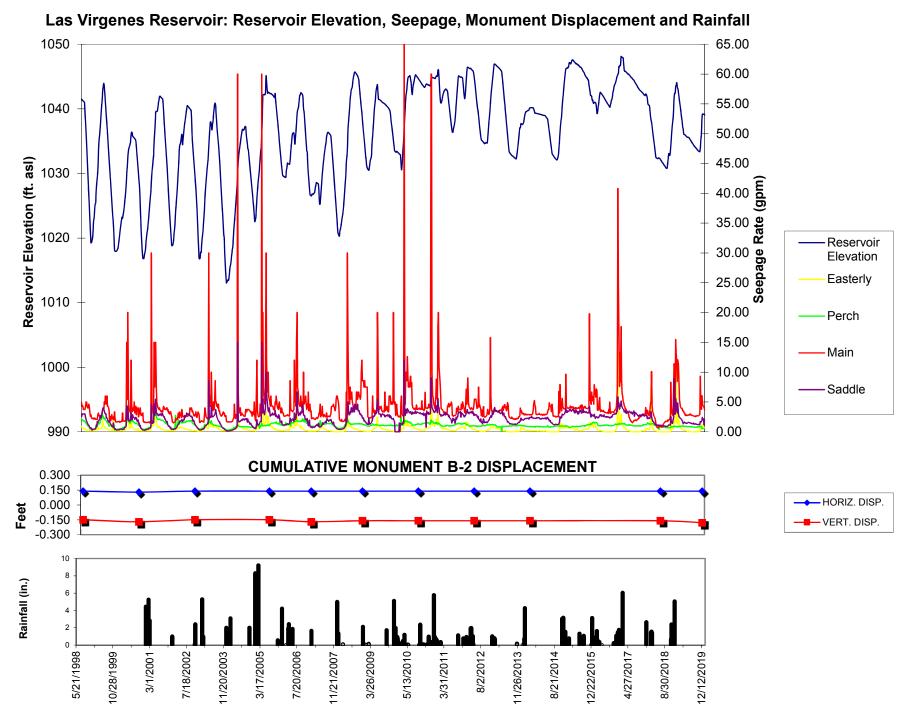


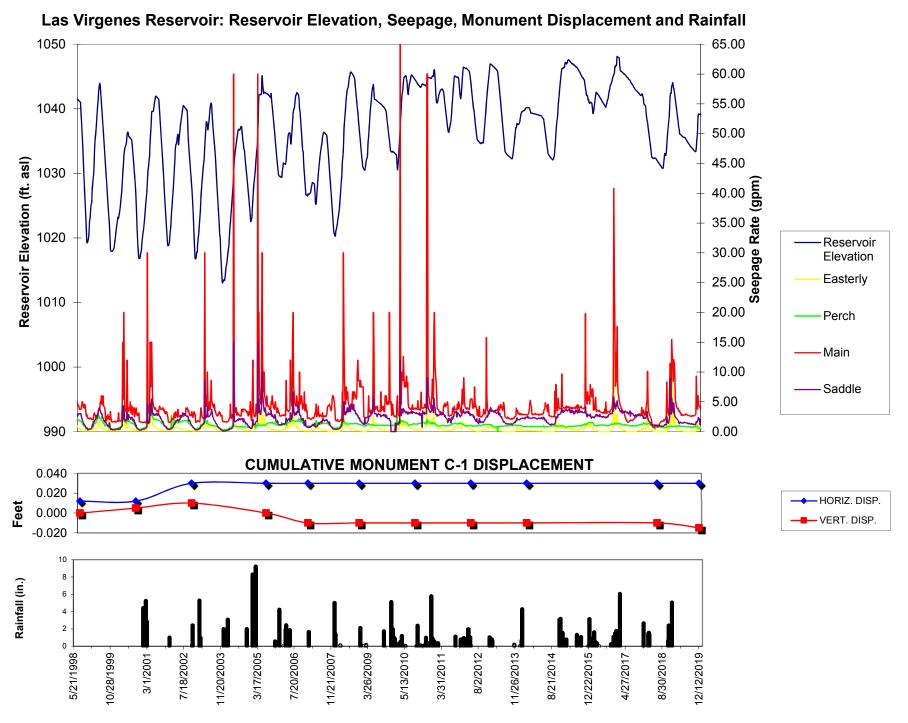






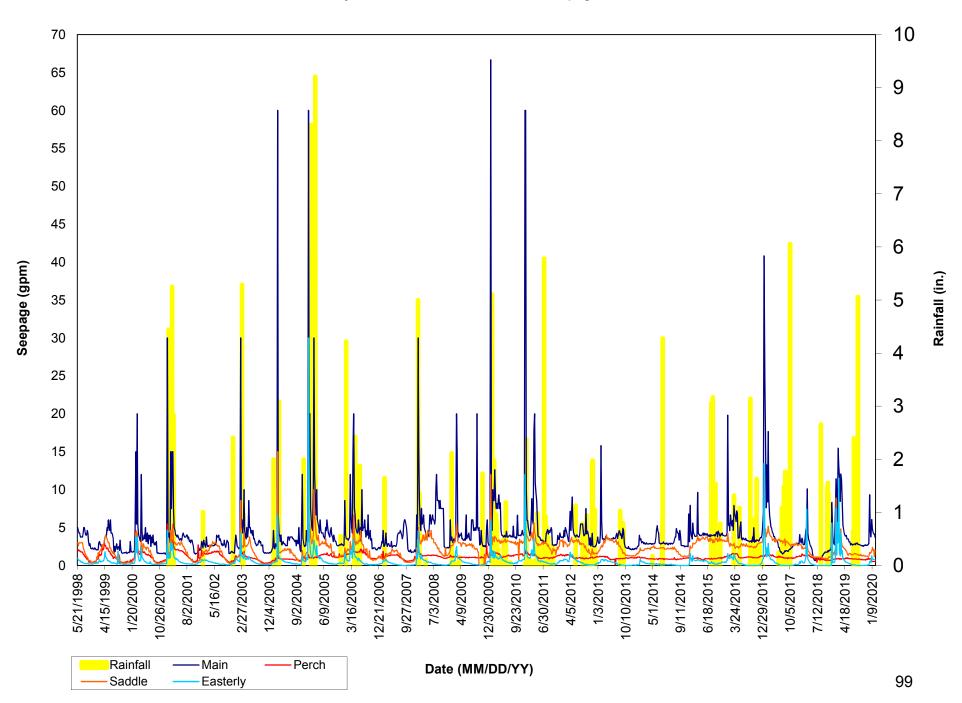






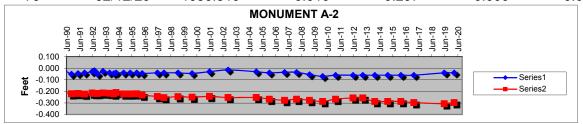
#### A-6 LAS VIRGENES RESERVOIR: EASTERLY, PERCH, MAIN, & SADDLE DRAINS SEEPAGE

Las Virgenes Reservoir: Easterly, Perch, Main & Saddle Drains Seepage and Rainfall



# LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

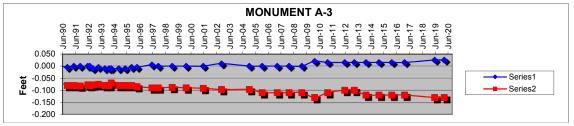
| READING |          | VE       | RTICAL [feet] |        | HORIZONTAL [feet] |        |
|---------|----------|----------|---------------|--------|-------------------|--------|
| NO.     | DATE     | ELEV     | DIFF.         | CUM.   | DIFF.             | CUM.   |
| 1       | 05/01/72 | 1056.807 | 0.000         | 0.000  | 0.000             | 0.000  |
| 44      | 04/26/90 | 1056.598 | -0.209        | -0.209 | -0.020            | -0.020 |
| 45      | 10/16/90 | 1056.586 | -0.012        | -0.221 | -0.030            | -0.050 |
| 46      | 04/26/91 | 1056.589 | 0.003         | -0.218 | 0.005             | -0.045 |
| 47      | 10/21/91 | 1056.584 | -0.005        | -0.223 | 0.005             | -0.040 |
| 48      | 05/01/92 | 1056.593 | 0.009         | -0.214 | 0.010             | -0.030 |
| 49      | 07/01/92 | 1056.589 | -0.004        | -0.218 | 0.010             | -0.020 |
| 50      | 10/14/92 | 1056.589 | 0.000         | -0.218 | -0.030            | -0.050 |
| 51      | 03/30/93 | 1056.593 | 0.004         | -0.214 | 0.025             | -0.025 |
| 52      | 09/30/93 | 1056.590 | -0.003        | -0.217 | -0.015            | -0.040 |
| 53      | 01/21/94 | 1056.585 | -0.005        | -0.222 | -0.005            | -0.045 |
| 54      | 03/24/94 | 1056.597 | 0.012         | -0.210 | 0.005             | -0.040 |
| 55      | 10/11/94 | 1056.585 | -0.012        | -0.222 | 0.000             | -0.040 |
| 56      | 04/06/95 | 1056.585 | 0.000         | -0.222 | 0.000             | -0.040 |
| 57      | 10/19/95 | 1056.587 | 0.002         | -0.220 | 0.000             | -0.040 |
| 58      | 03/28/96 | 1056.575 | -0.012        | -0.232 | -0.005            | -0.045 |
| 59      | 05/02/97 | 1056.563 | -0.012        | -0.244 | 0.005             | -0.040 |
| 60      | 11/21/97 | 1056.553 | -0.010        | -0.254 | 0.000             | -0.040 |
| 61      | 12/17/98 | 1056.562 | 0.009         | -0.245 | 0.000             | -0.040 |
| 62      | 01/06/00 | 1056.557 | -0.005        | -0.250 | -0.005            | -0.045 |
| 63      | 05/14/01 | 1056.564 | 0.007         | -0.243 | 0.015             | -0.030 |
| 64      | 10/30/02 | 1056.554 | -0.010        | -0.253 | 0.015             | -0.015 |
| 65      | 12/16/04 | 1056.554 | 0.000         | -0.253 | -0.015            | -0.030 |
| 66      | 12/09/05 | 1056.540 | -0.014        | -0.267 | -0.010            | -0.040 |
| 67      | 02/21/07 | 1056.530 | -0.010        | -0.277 | 0.005             | -0.035 |
| 68      | 01/24/08 | 1056.540 | 0.010         | -0.267 | 0.000             | -0.035 |
| 69      | 01/29/09 | 1056.530 | -0.010        | -0.277 | -0.020            | -0.055 |
| 70      | 01/28/10 | 1056.520 | -0.010        | -0.287 | -0.015            | -0.070 |
| 71      | 01/18/11 | 1056.540 | 0.020         | -0.267 | 0.010             | -0.060 |
| 72      | 05/01/12 | 1056.550 | 0.010         | -0.257 | 0.000             | -0.060 |
| 73      | 02/13/13 | 1056.550 | 0.000         | -0.257 | 0.000             | -0.060 |
| 74      | 01/16/14 | 1056.520 | -0.030        | -0.287 | 0.000             | -0.060 |
| 75      | 01/07/15 | 1056.520 | 0.000         | -0.287 | 0.000             | -0.060 |
| 76      | 01/08/16 | 1056.520 | 0.000         | -0.287 | 0.000             | -0.060 |
| 77      | 01/09/17 | 1056.510 | -0.010        | -0.297 | 0.000             | -0.060 |
| 78      | 05/21/19 | 1056.500 | -0.010        | -0.307 | 0.020             | -0.040 |
| 79      | 02/12/20 | 1056.510 | 0.010         | -0.297 | 0.000             | -0.040 |



# LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR

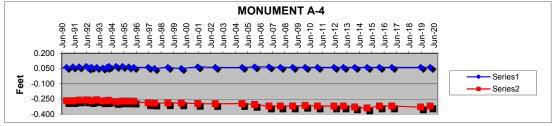
### SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| 44         04/26/90         1056.550         -0.070         -0.070         0.000         0.000           45         10/16/90         1056.540         -0.010         -0.080         -0.005         -0.005           46         04/26/91         1056.540         0.000         -0.080         0.005         0.000           47         10/21/91         1056.538         -0.002         -0.082         0.000         0.000           48         05/01/92         1056.542         0.004         -0.078         0.000         0.000           49         07/01/92         1056.540         -0.002         -0.080         0.000         0.000           50         10/14/92         1056.542         0.002         -0.078         -0.010         -0.010           51         03/30/93         1056.542         0.002         -0.078         -0.010         -0.010           52         09/30/93         1056.544         0.002         -0.076         0.005         -0.005           52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.010           53         01/21/94         1056.540         0.000         -0.080         0.000         -0.010      <  | READING |          |          | ERTICAL [feet] |        | HORIZONT | AL [feet] |
|--|---------|----------|----------|----------------|--------|----------|-----------|
| 44         04/26/90         1056.550         -0.070         -0.070         0.000         0.000           45         10/16/90         1056.540         -0.010         -0.080         -0.005         -0.005           46         04/26/91         1056.540         0.000         -0.082         0.000         0.000           47         10/21/91         1056.542         0.004         -0.078         0.000         0.000           48         05/01/92         1056.542         0.004         -0.078         0.000         0.000           49         07/01/92         1056.542         0.002         -0.080         0.000         0.000           50         10/14/92         1056.542         0.002         -0.076         0.005         -0.005           51         03/30/93         1056.540         -0.004         -0.080         -0.005         -0.005           52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.010           53         01/21/94         1056.540         -0.000         -0.080         0.000         -0.010           54         03/24/94         1056.540         -0.010         -0.080         0.000         -0.010      <  | NO.     | DATE     |          | DIFF.          |        | DIFF.    | CUM.      |
| 45   |         |          |          |                |        |          | 0.000     |
| 46         04/26/91         1056.540         0.000         -0.080         0.005         0.000           47         10/21/91         1056.538         -0.002         -0.082         0.000         0.000           48         05/01/92         1056.542         0.004         -0.078         0.000         0.000           49         07/01/92         1056.542         0.002         -0.080         0.000         0.000           50         10/14/92         1056.542         0.002         -0.076         0.005         -0.001           51         03/30/93         1056.544         -0.002         -0.076         0.005         -0.005           52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.015           53         01/21/94         1056.540         0.000         -0.080         0.000         -0.010           54         03/24/94         1056.540         0.001         -0.080         0.000         -0.010           55         10/11/94         1056.540         0.000         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.085         0.000         -0.055   |         |          |          |                |        |          | 0.000     |
| 47         10/21/91         1056.538         -0.002         -0.082         0.000         0.000           48         05/01/92         1056.542         0.004         -0.078         0.000         0.000           49         07/01/92         1056.540         -0.002         -0.080         0.000         0.000           50         10/14/92         1056.542         0.002         -0.076         -0.010         -0.015           51         03/30/93         1056.544         0.002         -0.076         0.005         -0.005           52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.010           53         01/21/94         1056.540         0.000         -0.080         0.000         -0.010           54         03/24/94         1056.540         0.010         -0.070         0.000         -0.010           55         10/11/94         1056.540         -0.010         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.005         -0.015           57         10/19/95         1056.530         -0.005         -0.085         0.000         -0.005      <  |         |          |          |                |        |          | -0.005    |
| 48   |         | 04/26/91 | 1056.540 | 0.000          | -0.080 |          | 0.000     |
| 49         07/01/92         1056.540         -0.002         -0.080         0.000         0.000           50         10/14/92         1056.542         0.002         -0.078         -0.010         -0.010           51         03/30/93         1056.544         0.002         -0.076         0.005         -0.005           52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.010           53         01/21/94         1056.540         0.000         -0.080         0.000         -0.010           54         03/24/94         1056.550         0.010         -0.070         0.000         -0.010           55         10/11/94         1056.540         -0.010         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.000         -0.010           57         10/19/95         1056.540         0.000         -0.085         0.000         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005  |         |          |          |                |        |          | 0.000     |
| 50         10/14/92         1056.542         0.002         -0.078         -0.010         -0.005           51         03/30/93         1056.544         0.002         -0.076         0.005         -0.005           52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.010           53         01/21/94         1056.550         0.010         -0.070         0.000         -0.010           54         03/24/94         1056.550         0.010         -0.070         0.000         -0.010           55         10/11/94         1056.540         -0.010         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.000         -0.010           57         10/19/95         1056.535         -0.005         -0.085         0.000         -0.005           58         03/28/96         1056.530         -0.005         -0.085         0.000         -0.005           60         11/21/97         1056.530         -0.005         -0.090         0.010         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000  |         |          |          |                |        |          | 0.000     |
| 51         03/30/93         1056.544         0.002         -0.076         0.005         -0.005           52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.010           53         01/21/94         1056.540         0.000         -0.080         0.000         -0.010           54         03/24/94         1056.550         0.010         -0.070         0.000         -0.010           55         10/11/94         1056.540         0.000         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.000         -0.010           57         10/19/95         1056.540         0.000         -0.085         0.000         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.085         0.000         -0.005           60         11/21/97         1056.530         0.002         -0.090         0.010         0.006           61         12/17/98         1056.532         0.002         -0.090         0.000         0.000 <tr< td=""><td></td><td>07/01/92</td><td></td><td></td><td></td><td></td><td>0.000</td></tr<> |         | 07/01/92 |          |                |        |          | 0.000     |
| 52         09/30/93         1056.540         -0.004         -0.080         -0.005         -0.010           53         01/21/94         1056.540         0.000         -0.080         0.000         -0.010           54         03/24/94         1056.550         0.010         -0.070         0.000         -0.010           55         10/11/94         1056.540         -0.010         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.000         -0.015           57         10/19/95         1056.540         0.000         -0.085         0.000         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005           60         11/21/97         1056.530         -0.002         -0.088         0.000         0.000           61         12/17/98         1056.532         -0.002         -0.088         0.000         0.000           62         01/06/00         1056.533         -0.002         -0.099         0.010         0.000      <  |         |          |          |                |        |          | -0.010    |
| 53         01/21/94         1056.540         0.000         -0.080         0.000         -0.010           54         03/24/94         1056.550         0.010         -0.070         0.000         -0.010           55         10/11/94         1056.540         -0.010         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.000         -0.015           57         10/19/95         1056.540         0.000         -0.080         0.005         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005           60         11/21/97         1056.530         0.000         -0.090         -0.005         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.088         0.000         0.000           63         05/14/01         1056.523         -0.002         -0.090         0.000         0.000  |         |          |          |                |        |          | -0.005    |
| 54         03/24/94         1056.550         0.010         -0.070         0.000         -0.010           55         10/11/94         1056.540         -0.010         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.000         -0.010           57         10/19/95         1056.540         0.000         -0.085         0.000         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005           60         11/21/97         1056.530         -0.002         -0.088         0.000         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.533         -0.002         -0.099         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         0.005         -0.097         0.010         0.00  |         |          |          |                |        |          | -0.010    |
| 55         10/11/94         1056.540         -0.010         -0.080         0.000         -0.010           56         04/06/95         1056.540         0.000         -0.080         0.000         -0.010           57         10/19/95         1056.540         0.000         -0.080         0.005         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005           60         11/21/97         1056.530         0.000         -0.090         -0.005         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         -0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-0.010</td></tr<>        |         |          |          |                |        |          | -0.010    |
| 56         04/06/95         1056.540         0.000         -0.080         0.000         -0.010           57         10/19/95         1056.540         0.000         -0.080         0.005         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         -0.010         0.005           60         11/21/97         1056.530         0.000         -0.090         -0.005         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           67         02/21/07         1056.510         0.013         -0.110         0.000         0.000   |         |          |          |                |        |          | -0.010    |
| 57         10/19/95         1056.540         0.000         -0.080         0.005         -0.005           58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005           60         11/21/97         1056.530         0.000         -0.090         -0.005         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           67         02/21/07         1056.510         -0.013         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000  |         |          |          |                |        |          | -0.010    |
| 58         03/28/96         1056.535         -0.005         -0.085         0.000         -0.005           59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005           60         11/21/97         1056.530         0.000         -0.090         -0.005         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         -0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000  |         |          |          |                |        |          | -0.010    |
| 59         05/02/97         1056.530         -0.005         -0.090         0.010         0.005           60         11/21/97         1056.530         0.000         -0.090         -0.005         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.015  |         |          |          |                |        |          | -0.005    |
| 60         11/21/97         1056.530         0.000         -0.090         -0.005         0.000           61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.020           71         01/18/11         1056.510         0.020         -0.130         0.020         0.015  |         |          |          |                |        |          | -0.005    |
| 61         12/17/98         1056.532         0.002         -0.088         0.000         0.000           62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015  |         |          |          |                |        |          | 0.005     |
| 62         01/06/00         1056.530         -0.002         -0.090         0.000         0.000           63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.520         0.010         -0.100         0.000         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015  |         |          |          |                |        |          | 0.000     |
| 63         05/14/01         1056.528         -0.002         -0.092         0.000         0.000           64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           74         01/16/14         1056.520         0.000         -0.120         0.000         0.015  |         |          |          |                |        |          |           |
| 64         10/30/02         1056.523         -0.005         -0.097         0.010         0.010           65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.120         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015  |         |          |          |                |        |          |           |
| 65         12/16/04         1056.523         0.000         -0.097         -0.010         0.000           66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.120         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015   |         |          |          |                |        |          |           |
| 66         12/09/05         1056.510         -0.013         -0.110         0.000         0.000           67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015  |         |          |          |                |        |          |           |
| 67         02/21/07         1056.510         0.000         -0.110         0.000         0.000           68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.020           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025  |         |          |          |                |        |          |           |
| 68         01/24/08         1056.510         0.000         -0.110         0.000         0.000           69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025  |         |          |          |                |        |          |           |
| 69         01/29/09         1056.510         0.000         -0.110         0.000         0.000           70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           77         01/09/17         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025  |         |          |          |                |        |          |           |
| 70         01/28/10         1056.490         -0.020         -0.130         0.020         0.020           71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           77         01/09/17         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025  |         |          |          |                |        |          |           |
| 71         01/18/11         1056.510         0.020         -0.110         -0.005         0.015           72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           77         01/09/17         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025   |         |          |          |                |        |          |           |
| 72         05/01/12         1056.520         0.010         -0.100         0.000         0.015           73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           77         01/09/17         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025  |         |          |          |                |        |          |           |
| 73         02/13/13         1056.520         0.000         -0.100         0.000         0.015           74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           77         01/09/17         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025  |         |          |          |                |        |          |           |
| 74         01/16/14         1056.500         -0.020         -0.120         0.000         0.015           75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           77         01/09/17         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025  |         |          |          |                |        |          |           |
| 75         01/07/15         1056.500         0.000         -0.120         0.000         0.015           76         01/08/16         1056.500         0.000         -0.120         0.000         0.015           77         01/09/17         1056.500         0.000         -0.120         0.000         0.015           78         05/21/19         1056.490         -0.010         -0.130         0.010         0.025           79         02/12/20         1056.490         0.000         -0.130         0.000         0.025   |         |          |          |                |        |          |           |
| 76       01/08/16       1056.500       0.000       -0.120       0.000       0.015         77       01/09/17       1056.500       0.000       -0.120       0.000       0.015         78       05/21/19       1056.490       -0.010       -0.130       0.010       0.025         79       02/12/20       1056.490       0.000       -0.130       0.000       0.025   |         |          |          |                |        |          |           |
| 77       01/09/17       1056.500       0.000       -0.120       0.000       0.015         78       05/21/19       1056.490       -0.010       -0.130       0.010       0.025         79       02/12/20       1056.490       0.000       -0.130       0.000       0.025   |         |          |          |                |        |          |           |
| 78       05/21/19       1056.490       -0.010       -0.130       0.010       0.025         79       02/12/20       1056.490       0.000       -0.130       0.000       0.025   |         |          |          |                |        |          |           |
| 79 02/12/20 1056.490 0.000 -0.130 0.000 0.025  |         |          |          |                |        |          |           |
|  |         |          |          |                |        |          |           |
|  | 79      | 02/12/20 |          |                | -0.130 | 0.000    | 0.025     |



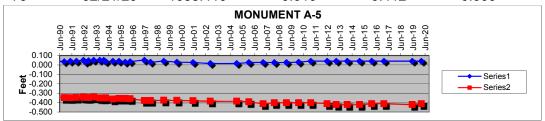
# LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| READING |          | VE       | RTICAL [feet] |        | HORIZONT | AL [feet] |
|---------|----------|----------|---------------|--------|----------|-----------|
| NO.     | DATE     | ELEV     | DIFF.         | CUM.   | DIFF.    | CUM.      |
| 1       | 05/01/72 | 1058.000 | 0.000         | 0.000  | 0.000    | 0.060     |
| 44      | 04/26/90 | 1057.741 | -0.259        | -0.259 | -0.005   | 0.055     |
| 45      | 10/16/90 | 1057.732 | -0.009        | -0.268 | 0.005    | 0.060     |
| 46      | 04/26/91 | 1057.732 | 0.000         | -0.268 | 0.005    | 0.065     |
| 47      | 10/21/91 | 1057.737 | 0.005         | -0.263 | 0.000    | 0.065     |
| 48      | 05/01/92 | 1057.739 | 0.002         | -0.261 | 0.005    | 0.070     |
| 49      | 07/01/92 | 1057.738 | -0.001        | -0.262 | -0.015   | 0.055     |
| 50      | 10/14/92 | 1057.732 | -0.006        | -0.268 | 0.007    | 0.062     |
| 51      | 03/30/93 | 1057.740 | 0.008         | -0.260 | -0.002   | 0.060     |
| 52      | 09/30/93 | 1057.730 | -0.010        | -0.270 | -0.005   | 0.055     |
| 53      | 01/21/94 | 1057.731 | 0.001         | -0.269 | 0.005    | 0.060     |
| 54      | 03/24/94 | 1057.736 | 0.005         | -0.264 | 0.010    | 0.070     |
| 55      | 10/11/94 | 1057.723 | -0.013        | -0.277 | 0.000    | 0.070     |
| 56      | 04/06/95 | 1057.728 | 0.005         | -0.272 | 0.000    | 0.070     |
| 57      | 10/19/95 | 1057.728 | 0.000         | -0.272 | -0.005   | 0.065     |
| 58      | 03/28/96 | 1057.726 | -0.002        | -0.274 | -0.005   | 0.060     |
| 59      | 05/02/97 | 1057.710 | -0.016        | -0.290 | 0.000    | 0.060     |
| 60      | 11/21/97 | 1057.708 | -0.002        | -0.292 | -0.010   | 0.050     |
| 61      | 12/17/98 | 1057.710 | 0.002         | -0.290 | 0.010    | 0.060     |
| 62      | 01/06/00 | 1057.709 | -0.001        | -0.291 | -0.010   | 0.050     |
| 63      | 05/14/01 | 1057.704 | -0.005        | -0.296 | 0.015    | 0.065     |
| 64      | 10/30/02 | 1057.703 | -0.001        | -0.297 | -0.005   | 0.060     |
| 65      | 12/16/04 | 1057.703 | 0.000         | -0.297 | 0.000    | 0.060     |
| 66      | 12/09/05 | 1057.695 | -0.008        | -0.305 | 0.005    | 0.065     |
| 67      | 02/21/07 | 1057.680 | -0.015        | -0.320 | 0.000    | 0.065     |
| 68      | 01/24/08 | 1057.680 | 0.000         | -0.320 | -0.005   | 0.060     |
| 69      | 01/29/09 | 1057.680 | 0.000         | -0.320 | 0.000    | 0.060     |
| 70      | 01/28/10 | 1057.685 | 0.005         | -0.315 | 0.000    | 0.060     |
| 71      | 01/18/11 | 1057.680 | -0.005        | -0.320 | 0.000    | 0.060     |
| 72      | 05/01/12 | 1057.680 | 0.000         | -0.320 | 0.000    | 0.060     |
| 73      | 02/13/13 | 1057.680 | 0.000         | -0.320 | 0.000    | 0.060     |
| 74      | 01/16/14 | 1057.670 | -0.010        | -0.330 | 0.000    | 0.060     |
| 75      | 01/07/15 | 1057.660 | -0.010        | -0.340 | 0.000    | 0.060     |
| 76      | 01/08/16 | 1057.680 | 0.020         | -0.320 | 0.000    | 0.060     |
| 77      | 01/09/17 | 1057.680 | 0.000         | -0.320 | 0.000    | 0.060     |
| 78      | 05/21/19 | 1057.670 | -0.010        | -0.330 | 0.000    | 0.060     |
| 79      | 02/12/20 | 1057.680 | 0.010         | -0.320 | 0.000    | 0.060     |
|         |          | N        | MONUMENT A-4  |        |          |           |



# LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| READING |          | VERTICAL [feet] |               |        | HORIZONT | AL [feet] |
|---------|----------|-----------------|---------------|--------|----------|-----------|
| NO.     | DATE     | ELEV            | DIFF.         | CUM.   | DIFF.    | CUM.      |
| 1       | 05/01/72 | 1058.822        | 0.000         | 0.000  | 0.000    | 0.035     |
| 44      | 04/26/90 | 1058.481        | -0.341        | -0.341 | 0.005    | 0.040     |
| 45      | 10/16/90 | 1058.473        | -0.008        | -0.349 | -0.005   | 0.035     |
| 46      | 04/26/91 | 1058.472        | -0.001        | -0.350 | 0.005    | 0.040     |
| 47      | 10/21/91 | 1058.475        | 0.003         | -0.347 | 0.000    | 0.040     |
| 48      | 05/01/92 | 1058.479        | 0.004         | -0.343 | 0.010    | 0.050     |
| 49      | 07/01/92 | 1058.476        | -0.003        | -0.346 | -0.020   | 0.030     |
| 50      | 10/14/92 | 1058.473        | -0.003        | -0.349 | 0.015    | 0.045     |
| 51      | 03/30/93 | 1058.481        | 0.008         | -0.341 | 0.005    | 0.050     |
| 52      | 09/30/93 | 1058.470        | -0.011        | -0.352 | 0.000    | 0.050     |
| 53      | 01/21/94 | 1058.469        | -0.001        | -0.353 | 0.000    | 0.050     |
| 54      | 03/24/94 | 1058.472        | 0.003         | -0.350 | -0.015   | 0.035     |
| 55      | 10/11/94 | 1058.459        | -0.013        | -0.363 | 0.005    | 0.040     |
| 56      | 04/06/95 | 1058.465        | 0.006         | -0.357 | 0.000    | 0.040     |
| 57      | 10/19/95 | 1058.465        | 0.000         | -0.357 | -0.010   | 0.030     |
| 58      | 03/28/96 | 1058.462        | -0.003        | -0.360 | 0.005    | 0.035     |
| 59      | 05/02/97 | 1058.444        | -0.018        | -0.378 | 0.015    | 0.050     |
| 60      | 11/27/97 | 1058.443        | -0.001        | -0.379 | -0.020   | 0.030     |
| 61      | 12/17/98 | 1058.446        | 0.003         | -0.376 | 0.010    | 0.040     |
| 62      | 01/06/00 | 1058.445        | -0.001        | -0.377 | -0.010   | 0.030     |
| 63      | 05/14/01 | 1058.441        | -0.004        | -0.381 | -0.004   | 0.026     |
| 64      | 10/30/02 | 1058.436        | -0.005        | -0.386 | -0.010   | 0.016     |
| 65      | 12/16/04 | 1058.436        | 0.000         | -0.386 | 0.000    | 0.016     |
| 66      | 12/09/05 | 1058.430        | -0.006        | -0.392 | 0.010    | 0.026     |
| 67      | 02/21/07 | 1058.410        | -0.020        | -0.412 | 0.000    | 0.026     |
| 68      | 01/24/08 | 1058.420        | 0.010         | -0.402 | 0.000    | 0.026     |
| 69      | 01/29/09 | 1058.420        | 0.000         | -0.402 | 0.000    | 0.026     |
| 70      | 01/28/10 | 1058.420        | 0.000         | -0.402 | 0.004    | 0.030     |
| 71      | 01/18/11 | 1058.420        | 0.000         | -0.402 | 0.010    | 0.040     |
| 72      | 05/01/12 | 1058.410        | -0.010        | -0.412 | 0.000    | 0.040     |
| 73      | 02/13/13 | 1058.400        | -0.010        | -0.422 | 0.000    | 0.040     |
| 74      | 01/16/14 | 1058.400        | 0.000         | -0.422 | 0.000    | 0.040     |
| 75      | 01/07/15 | 1058.400        | 0.000         | -0.422 | 0.000    | 0.040     |
| 76      | 01/08/16 | 1058.410        | 0.010         | -0.412 | 0.000    | 0.040     |
| 77      | 01/09/17 | 1058.410        | 0.000         | -0.412 | 0.000    | 0.040     |
| 78      | 05/21/19 | 1058.400        | -0.010        | -0.422 | 0.000    | 0.040     |
| 79      | 02/21/20 | 1058.410        | 0.010         | -0.412 | 0.000    | 0.040     |
|         |          |                 | AONIIMENT A-5 |        |          |           |

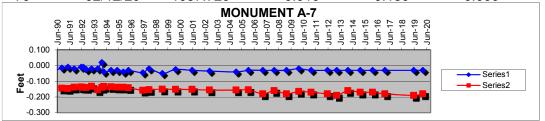


# LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| READING   |  | VE   | RTICAL [feet]  |        | HORIZONTA | AL [feet] |
|---|--|--|--|--------|-----------|-----------|
| NO.   | DATE   | ELEV   | DIFF.  | CUM.   | DIFF.     | CUM.      |
| 1   | 05/01/72   | 1058.641   | 0.000  | 0.000  | 0.000     | 0.015     |
| 44  | 04/26/90   | 1058.379   | -0.262   | -0.262 | -0.005    | 0.010     |
| 45  | 10/16/90   | 1058.368   | -0.011   | -0.273 | 0.000     | 0.010     |
| 46  | 04/26/91   | 1058.369   | 0.001  | -0.272 | 0.015     | 0.025     |
| 47  | 10/21/91   | 1058.372   | 0.003  | -0.269 | -0.005    | 0.020     |
| 48  | 05/01/92   | 1058.375   | 0.003  | -0.266 | 0.000     | 0.020     |
| 49  | 07/01/92   | 1058.371   | -0.004   | -0.270 | -0.020    | 0.000     |
| 50  | 10/14/92   | 1058.369   | -0.002   | -0.272 | 0.025     | 0.025     |
| 51  | 03/30/93   | 1058.378   | 0.009  | -0.263 | -0.005    | 0.020     |
| 52  | 09/30/93   | 1058.367   | -0.011   | -0.274 | -0.010    | 0.010     |
| 53  | 01/21/94   | 1058.369   | 0.002  | -0.272 | 0.010     | 0.020     |
| 54  | 03/24/94   | 1058.374   | 0.005  | -0.267 | 0.000     | 0.020     |
| 55  | 10/11/94   | 1058.360   | -0.014   | -0.281 | 0.000     | 0.020     |
| 56  | 04/06/95   | 1058.368   | 0.008  | -0.273 | 0.000     | 0.020     |
| 57  | 10/19/95   | 1058.368   | 0.000  | -0.273 | -0.010    | 0.010     |
| 58  | 03/28/96   | 1058.365   | -0.003   | -0.276 | 0.005     | 0.015     |
| 59  | 05/02/97   | 1058.344   | -0.021   | -0.297 | 0.005     | 0.020     |
| 60  | 11/27/97   | 1058.347   | 0.003  | -0.294 | -0.010    | 0.010     |
| 61  | 12/17/98   | 1058.351   | 0.004  | -0.290 | 0.000     | 0.010     |
| 62  | 01/06/00   | 1058.350   | -0.001   | -0.291 | 0.000     | 0.010     |
| 63  | 05/14/01   | 1058.348   | -0.002   | -0.293 | 0.000     | 0.010     |
| 64  | 10/30/02   | 1058.339   | -0.009   | -0.302 | 0.000     | 0.010     |
| 65  | 12/16/04   | 1058.339   | 0.000  | -0.302 | 0.000     | 0.010     |
| 66  | 12/09/05   | 1058.340   | 0.001  | -0.301 | 0.000     | 0.010     |
| 67  | 02/21/07   | 1058.320   | -0.020   | -0.321 | -0.010    | 0.000     |
| 68  | 01/24/08   | 1058.330   | 0.010  | -0.311 | 0.010     | 0.010     |
| 69  | 01/29/09   | 1058.320   | -0.010   | -0.321 | 0.000     | 0.010     |
| 70  | 01/28/10   | 1058.330   | 0.010  | -0.311 | -0.010    | 0.000     |
| 71  | 01/18/11   | 1058.325   | -0.005   | -0.316 | 0.010     | 0.010     |
| 72  | 05/01/12   | 1058.320   | -0.005   | -0.321 | 0.000     | 0.010     |
| 73  | 02/13/13   | 1058.300   | -0.020   | -0.341 | 0.000     | 0.010     |
| 74  | 01/16/14   | 1058.330   | 0.030  | -0.311 | 0.000     | 0.010     |
| 75  | 01/07/15   | 1058.330   | 0.000  | -0.311 | 0.000     | 0.010     |
| 76  | 01/08/16   | 1058.320   | -0.010   | -0.321 | 0.000     | 0.010     |
| 77  | 01/09/17   | 1058.320   | 0.000  | -0.321 | 0.000     | 0.010     |
| 78  | 05/21/19   | 1058.310   | -0.010   | -0.331 | 0.000     | 0.010     |
| 79  | 02/12/20   | 1058.320   | 0.010  | -0.321 | 0.000     | 0.010     |
| 0.100<br>0.000<br><b>ts</b> -0.100<br><b>e</b> -0.200<br>-0.300 | Jun-91<br>Jun-92<br>Jun-94<br>- Jun-95<br>Jun-96 | - Jun-98<br>- Jun-99<br>- Jun-00<br>- Jun-01<br>- Jun-02<br>- Jun-03<br>- Jun-04 | - Jun-05<br>- Jun-09<br>- Jun-10<br>- Jun-10<br>- Jun-12<br>- Jun-12 | ****   | Series1   |           |
| -0.400  |  |  |  |        | _         |           |

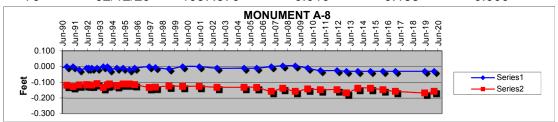
# LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| READING |          | VERTICAL [feet] |            |        | HORIZONT | AL [feet] |
|---------|----------|-----------------|------------|--------|----------|-----------|
| NO.     | DATE     | ELEV            | DIFF.      | CUM.   | DIFF.    | CUM.      |
| 1       | 05/01/72 | 1057.900        | 0.000      | 0.000  | 0.000    | -0.025    |
| 44      | 04/26/90 | 1057.767        | -0.133     | -0.133 | -0.005   | -0.030    |
| 45      | 10/16/90 | 1057.756        | -0.011     | -0.144 | 0.015    | -0.015    |
| 46      | 04/26/91 | 1057.754        | -0.002     | -0.146 | 0.005    | -0.010    |
| 47      | 10/21/91 | 1057.762        | 0.008      | -0.138 | -0.010   | -0.020    |
| 48      | 05/01/92 | 1057.764        | 0.002      | -0.136 | 0.010    | -0.010    |
| 49      | 07/01/92 | 1057.761        | -0.003     | -0.139 | 0.000    | -0.010    |
| 50      | 10/14/92 | 1057.760        | -0.001     | -0.140 | -0.015   | -0.025    |
| 51      | 03/30/93 | 1057.768        | 0.008      | -0.132 | 0.005    | -0.020    |
| 52      | 09/30/93 | 1057.745        | -0.023     | -0.155 | 0.000    | -0.020    |
| 53      | 01/21/94 | 1057.761        | 0.016      | -0.139 | 0.040    | 0.020     |
| 54      | 03/24/94 | 1057.767        | 0.006      | -0.133 | -0.060   | -0.040    |
| 55      | 10/11/94 | 1057.765        | -0.002     | -0.135 | 0.010    | -0.030    |
| 56      | 04/06/95 | 1057.762        | -0.003     | -0.138 | 0.000    | -0.030    |
| 57      | 10/19/95 | 1057.762        | 0.000      | -0.138 | -0.010   | -0.040    |
| 58      | 03/28/96 | 1057.759        | -0.003     | -0.141 | 0.010    | -0.030    |
| 59      | 05/02/97 | 1057.742        | -0.017     | -0.158 | -0.015   | -0.045    |
| 60      | 11/27/97 | 1057.746        | 0.004      | -0.154 | 0.025    | -0.020    |
| 61      | 12/17/98 | 1057.750        | 0.004      | -0.150 | -0.030   | -0.050    |
| 62      | 01/06/00 | 1057.748        | -0.002     | -0.152 | 0.025    | -0.025    |
| 63      | 05/14/01 | 1057.748        | 0.000      | -0.152 | -0.005   | -0.030    |
| 64      | 10/30/02 | 1057.744        | -0.004     | -0.156 | -0.005   | -0.035    |
| 65      | 12/16/04 | 1057.744        | 0.000      | -0.156 | -0.005   | -0.040    |
| 66      | 12/09/05 | 1057.745        | 0.001      | -0.155 | 0.010    | -0.030    |
| 67      | 02/21/07 | 1057.720        | -0.025     | -0.180 | 0.000    | -0.030    |
| 68      | 01/24/08 | 1057.740        | 0.020      | -0.160 | 0.000    | -0.030    |
| 69      | 01/29/09 | 1057.720        | -0.020     | -0.180 | 0.000    | -0.030    |
| 70      | 01/28/10 | 1057.735        | 0.015      | -0.165 | 0.010    | -0.020    |
| 71      | 01/18/11 | 1057.730        | -0.005     | -0.170 | -0.010   | -0.030    |
| 72      | 05/01/12 | 1057.720        | -0.010     | -0.180 | 0.000    | -0.030    |
| 73      | 02/13/13 | 1057.710        | -0.010     | -0.190 | 0.000    | -0.030    |
| 74      | 01/16/14 | 1057.740        | 0.030      | -0.160 | 0.000    | -0.030    |
| 75      | 01/07/15 | 1057.730        | -0.010     | -0.170 | 0.000    | -0.030    |
| 76      | 01/08/16 | 1057.730        | 0.000      | -0.170 | 0.000    | -0.030    |
| 77      | 01/09/17 | 1057.720        | -0.010     | -0.180 | 0.000    | -0.030    |
| 78      | 05/21/19 | 1057.710        | -0.010     | -0.190 | 0.000    | -0.030    |
| 79      | 02/12/20 | 1057.720        | 0.010      | -0.180 | 0.000    | -0.030    |
|         |          | MO              | NUMENT A-7 |        |          |           |



# LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

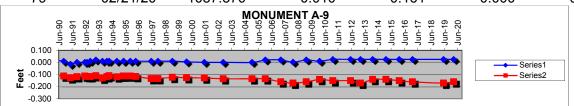
| READING |          | VERTICAL [feet] |        | HORIZONTAL [feet] |        |        |
|---------|----------|-----------------|--------|-------------------|--------|--------|
| NO.     | DATE     | ELEV            | DIFF.  | CUM.              | DIFF.  | CUM.   |
| 1       | 05/01/72 | 1057.728        | 0.000  | 0.000             | 0.000  | 0.000  |
| 44      | 04/26/90 | 1057.618        | -0.110 | -0.110            | -0.010 | -0.010 |
| 45      | 10/16/90 | 1057.609        | -0.009 | -0.119            | 0.010  | 0.000  |
| 46      | 04/26/91 | 1057.601        | -0.008 | -0.127            | 0.000  | 0.000  |
| 47      | 10/21/91 | 1057.611        | 0.010  | -0.117            | -0.020 | -0.020 |
| 48      | 05/01/92 | 1057.613        | 0.002  | -0.115            | 0.010  | -0.010 |
| 49      | 07/01/92 | 1057.611        | -0.002 | -0.117            | 0.000  | -0.010 |
| 50      | 10/14/92 | 1057.610        | -0.001 | -0.118            | 0.000  | -0.010 |
| 51      | 03/30/93 | 1057.619        | 0.009  | -0.109            | 0.000  | -0.010 |
| 52      | 09/30/93 | 1057.595        | -0.024 | -0.133            | 0.010  | 0.000  |
| 53      | 01/21/94 | 1057.611        | 0.016  | -0.117            | 0.000  | 0.000  |
| 54      | 03/24/94 | 1057.617        | 0.006  | -0.111            | -0.020 | -0.020 |
| 55      | 10/11/94 | 1057.607        | -0.010 | -0.121            | 0.010  | -0.010 |
| 56      | 04/06/95 | 1057.617        | 0.010  | -0.111            | 0.000  | -0.010 |
| 57      | 10/19/95 | 1057.617        | 0.000  | -0.111            | -0.010 | -0.020 |
| 58      | 03/28/96 | 1057.613        | -0.004 | -0.115            | 0.010  | -0.010 |
| 59      | 05/02/97 | 1057.595        | -0.018 | -0.133            | 0.010  | 0.000  |
| 60      | 11/27/97 | 1057.597        | 0.002  | -0.131            | -0.005 | -0.005 |
| 61      | 12/17/98 | 1057.604        | 0.007  | -0.124            | -0.010 | -0.015 |
| 62      | 01/06/00 | 1057.602        | -0.002 | -0.126            | 0.015  | 0.000  |
| 63      | 05/14/01 | 1057.602        | 0.000  | -0.126            | 0.000  | 0.000  |
| 64      | 10/30/02 | 1057.596        | -0.006 | -0.132            | -0.010 | -0.010 |
| 65      | 12/16/04 | 1057.596        | 0.000  | -0.132            | 0.000  | -0.010 |
| 66      | 12/09/05 | 1057.595        | -0.001 | -0.133            | 0.000  | -0.010 |
| 67      | 02/21/07 | 1057.570        | -0.025 | -0.158            | 0.010  | 0.000  |
| 68      | 01/24/08 | 1057.590        | 0.020  | -0.138            | 0.005  | 0.005  |
| 69      | 01/29/09 | 1057.570        | -0.020 | -0.158            | 0.000  | 0.005  |
| 70      | 01/28/10 | 1057.585        | 0.015  | -0.143            | -0.015 | -0.010 |
| 71      | 01/18/11 | 1057.580        | -0.005 | -0.148            | -0.015 | -0.025 |
| 72      | 05/01/12 | 1057.580        | 0.000  | -0.148            | 0.000  | -0.025 |
| 73      | 02/13/13 | 1057.560        | -0.020 | -0.168            | -0.005 | -0.030 |
| 74      | 01/16/14 | 1057.590        | 0.030  | -0.138            | 0.000  | -0.030 |
| 75      | 01/07/15 | 1057.590        | 0.000  | -0.138            | 0.000  | -0.030 |
| 76      | 01/08/16 | 1057.580        | -0.010 | -0.148            | 0.000  | -0.030 |
| 77      | 01/09/17 | 1057.570        | -0.010 | -0.158            | 0.000  | -0.030 |
| 78      | 05/21/19 | 1057.560        | -0.010 | -0.168            | 0.000  | -0.030 |
| 79      | 02/12/20 | 1057.570        | 0.010  | -0.158            | 0.000  | -0.030 |



# LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR

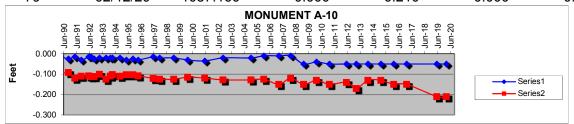
# SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| READING   |          | VERTICAL [feet] |        |        | HORIZONT | HORIZONTAL [feet] |  |
|---|----------|-----------------|--------|--------|----------|-------------------|--|
| NO.   | DATE     | ELEV            | DIFF.  | CUM.   | DIFF.    | CUM.              |  |
| 1   | 05/01/72 | 1057.731        | 0.000  | 0.000  | 0.000    | 0.015             |  |
| 44  | 04/26/90 | 1057.624        | -0.107 | -0.107 | 0.000    | 0.015             |  |
| 45  | 10/16/90 | 1057.618        | -0.006 | -0.113 | -0.005   | 0.010             |  |
| 46  | 04/26/91 | 1057.603        | -0.015 | -0.128 | -0.025   | -0.015            |  |
| 47  | 10/21/91 | 1057.613        | 0.010  | -0.118 | 0.015    | 0.000             |  |
| 48  | 05/01/92 | 1057.618        | 0.005  | -0.113 | 0.000    | 0.000             |  |
| 49  | 07/01/92 | 1057.614        | -0.004 | -0.117 | 0.000    | 0.000             |  |
| 50  | 10/14/92 | 1057.612        | -0.002 | -0.119 | 0.010    | 0.010             |  |
| 51  | 03/30/93 | 1057.621        | 0.009  | -0.110 | 0.010    | 0.020             |  |
| 52  | 09/30/93 | 1057.600        | -0.021 | -0.131 | -0.010   | 0.010             |  |
| 53  | 01/21/94 | 1057.612        | 0.012  | -0.119 | 0.000    | 0.010             |  |
| 54  | 03/24/94 | 1057.620        | 0.008  | -0.111 | 0.000    | 0.010             |  |
| 55  | 10/11/94 | 1057.611        | -0.009 | -0.120 | 0.000    | 0.010             |  |
| 56  | 04/06/95 | 1057.618        | 0.007  | -0.113 | 0.000    | 0.010             |  |
| 56  | 04/06/95 | 1057.618        | 0.000  | -0.113 | 0.000    | 0.010             |  |
| 57  | 10/19/95 | 1057.618        | 0.000  | -0.113 | 0.000    | 0.010             |  |
| 58  | 03/28/96 | 1057.614        | -0.004 | -0.117 | 0.000    | 0.010             |  |
| 59  | 05/02/97 | 1057.597        | -0.017 | -0.134 | 0.000    | 0.010             |  |
| 60  | 11/27/97 | 1057.597        | 0.000  | -0.134 | 0.000    | 0.010             |  |
| 61  | 12/17/98 | 1057.607        | 0.010  | -0.124 | 0.000    | 0.010             |  |
| 62  | 01/06/00 | 1057.605        | -0.002 | -0.126 | -0.005   | 0.005             |  |
| 63  | 05/14/01 | 1057.602        | -0.003 | -0.129 | -0.005   | 0.000             |  |
| 64  | 10/30/02 | 1057.596        | -0.006 | -0.135 | 0.000    | 0.000             |  |
| 65  | 12/16/04 | 1057.596        | 0.000  | -0.135 | 0.000    | 0.000             |  |
| 66  | 12/09/05 | 1057.595        | -0.001 | -0.136 | 0.020    | 0.020             |  |
| 67  | 02/21/07 | 1057.570        | -0.025 | -0.161 | 0.000    | 0.020             |  |
| 68  | 01/24/08 | 1057.560        | -0.010 | -0.171 | -0.018   | 0.002             |  |
| 69  | 01/29/09 | 1057.570        | 0.010  | -0.161 | 0.018    | 0.020             |  |
| 70  | 01/28/10 | 1057.590        | 0.020  | -0.141 | -0.010   | 0.010             |  |
| 71  | 01/18/11 | 1057.580        | -0.010 | -0.151 | 0.015    | 0.025             |  |
| 72  | 05/01/12 | 1057.580        | 0.000  | -0.151 | 0.000    | 0.025             |  |
| 73  | 02/13/13 | 1057.560        | -0.020 | -0.171 | 0.000    | 0.025             |  |
| 74  | 01/16/14 | 1057.590        | 0.030  | -0.141 | 0.000    | 0.025             |  |
| 75  | 01/07/15 | 1057.590        | 0.000  | -0.141 | 0.000    | 0.025             |  |
| 76  | 01/08/16 | 1057.580        | -0.010 | -0.151 | 0.000    | 0.025             |  |
| 77  | 01/09/17 | 1057.570        | -0.010 | -0.161 | 0.000    | 0.025             |  |
| 78  | 05/21/19 | 1057.560        | -0.010 | -0.171 | 0.000    | 0.025             |  |
| 79  | 02/21/20 | 1057.570        | 0.010  | -0.161 | 0.000    | 0.025             |  |
| 8 2 2 8 4 8 8 9 8 8 9 0 2 8 2 8 8 8 9 5 2 8 4 8 8 8 8 8 9 6 6 8 8 8 8 8 8 8 8 8 8 8 8 |          |                 |        |        |          |                   |  |



# LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

| READING |          | VERTICAL [feet] |                | HORIZONTAL [feet] |        |        |  |  |  |  |  |  |
|---------|----------|-----------------|----------------|-------------------|--------|--------|--|--|--|--|--|--|
| NO.     | DATE     | ELEV            | DIFF.          | CUM.              | DIFF.  | CUM.   |  |  |  |  |  |  |
| 1       | 05/01/72 | 1057.370        | 0.000          | 0.000             | 0.000  | 0.000  |  |  |  |  |  |  |
| 44      | 04/26/90 | 1057.273        | -0.097         | -0.097            | -0.015 | -0.015 |  |  |  |  |  |  |
| 45      | 10/16/90 | 1057.278        | 0.005          | -0.092            | -0.010 | -0.025 |  |  |  |  |  |  |
| 46      | 04/26/91 | 1057.251        | -0.027         | -0.119            | 0.010  | -0.015 |  |  |  |  |  |  |
| 47      | 10/21/91 | 1057.260        | 0.009          | -0.110            | -0.015 | -0.030 |  |  |  |  |  |  |
| 48      | 05/01/92 | 1057.262        | 0.002          | -0.108            | 0.015  | -0.015 |  |  |  |  |  |  |
| 49      | 07/01/92 | 1057.258        | -0.004         | -0.112            | 0.000  | -0.015 |  |  |  |  |  |  |
| 50      | 10/14/92 | 1057.259        | 0.001          | -0.111            | -0.010 | -0.025 |  |  |  |  |  |  |
| 51      | 03/30/93 | 1057.270        | 0.011          | -0.100            | 0.005  | -0.020 |  |  |  |  |  |  |
| 52      | 09/30/93 | 1057.245        | -0.025         | -0.125            | 0.000  | -0.020 |  |  |  |  |  |  |
| 53      | 01/21/94 | 1057.261        | 0.016          | -0.109            | 0.000  | -0.020 |  |  |  |  |  |  |
| 54      | 03/24/94 | 1057.268        | 0.007          | -0.102            | 0.000  | -0.020 |  |  |  |  |  |  |
| 55      | 10/11/94 | 1057.260        | -0.008         | -0.110            | 0.000  | -0.020 |  |  |  |  |  |  |
| 56      | 04/06/95 | 1057.267        | 0.007          | -0.103            | -0.010 | -0.030 |  |  |  |  |  |  |
| 57      | 10/19/95 | 1057.267        | 0.000          | -0.103            | 0.005  | -0.025 |  |  |  |  |  |  |
| 58      | 03/28/96 | 1057.262        | -0.005         | -0.108            | -0.005 | -0.030 |  |  |  |  |  |  |
| 59      | 05/02/97 | 1057.249        | -0.013         | -0.121            | 0.015  | -0.015 |  |  |  |  |  |  |
| 60      | 11/27/97 | 1057.245        | -0.004         | -0.125            | -0.005 | -0.020 |  |  |  |  |  |  |
| 61      | 12/17/98 | 1057.245        | 0.000          | -0.125            | 0.000  | -0.020 |  |  |  |  |  |  |
| 62      | 01/06/00 | 1057.255        | 0.010          | -0.115            | -0.010 | -0.030 |  |  |  |  |  |  |
| 63      | 05/14/01 | 1057.251        | -0.004         | -0.119            | -0.005 | -0.035 |  |  |  |  |  |  |
| 64      | 10/30/02 | 1057.242        | -0.009         | -0.128            | 0.015  | -0.020 |  |  |  |  |  |  |
| 65      | 12/16/04 | 1057.242        | 0.000          | -0.128            | 0.000  | -0.020 |  |  |  |  |  |  |
| 66      | 12/09/05 | 1057.245        | 0.003          | -0.125            | 0.010  | -0.010 |  |  |  |  |  |  |
| 67      | 02/21/07 | 1057.220        | -0.025         | -0.150            | 0.000  | -0.010 |  |  |  |  |  |  |
| 68      | 01/24/08 | 1057.250        | 0.030          | -0.120            | 0.000  | -0.010 |  |  |  |  |  |  |
| 69      | 01/29/09 | 1057.220        | -0.030         | -0.150            | -0.040 | -0.050 |  |  |  |  |  |  |
| 70      | 01/28/10 | 1057.240        | 0.020          | -0.130            | 0.010  | -0.040 |  |  |  |  |  |  |
| 71      | 01/18/11 | 1057.220        | -0.020         | -0.150            | -0.010 | -0.050 |  |  |  |  |  |  |
| 72      | 05/01/12 | 1057.230        | 0.010          | -0.140            | 0.000  | -0.050 |  |  |  |  |  |  |
| 73      | 02/13/13 | 1057.200        | -0.030         | -0.170            | 0.000  | -0.050 |  |  |  |  |  |  |
| 74      | 01/16/14 | 1057.240        | 0.040          | -0.130            | 0.000  | -0.050 |  |  |  |  |  |  |
| 75      | 01/07/15 | 1057.240        | 0.000          | -0.130            | 0.000  | -0.050 |  |  |  |  |  |  |
| 76      | 01/08/16 | 1057.220        | -0.020         | -0.150            | 0.000  | -0.050 |  |  |  |  |  |  |
| 77      | 01/09/17 | 1057.220        | 0.000          | -0.150            | 0.000  | -0.050 |  |  |  |  |  |  |
| 78      | 05/21/19 | 1057.160        | -0.060         | -0.210            | 0.000  | -0.050 |  |  |  |  |  |  |
| 79      | 02/12/20 | 1057.160        | 0.000          | -0.210            | 0.000  | -0.050 |  |  |  |  |  |  |
|         |          | M               | IONLIMENT A-10 | MONIMENT A 40     |        |        |  |  |  |  |  |  |

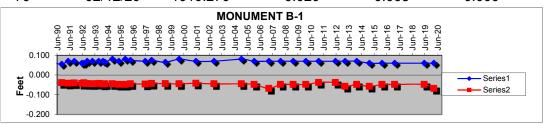


## LAS VIRGENES MUNICIPAL WATER DISTRICT

# LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

## **MONUMENT B-1**

| READING          |          | VERTICAL [feet] |        |        | HORIZON <sup>*</sup> | TAL [feet] |
|------------------|----------|-----------------|--------|--------|----------------------|------------|
| NO.              | DATE     | ELEV            | DIFF.  | CUM.   | DIFF.                | CUM.       |
| 1                | 05/01/72 | 1010.338        |        |        |                      | 0.055      |
| 44               | 04/26/90 | 1010.297        | -0.041 | -0.041 | 0.005                | 0.060      |
| 45               | 10/16/90 | 1010.299        | 0.002  | -0.039 | -0.005               | 0.055      |
| 46               | 04/26/91 | 1010.296        | -0.003 | -0.042 | 0.015                | 0.070      |
| 47               | 10/21/91 | 1010.297        | 0.001  | -0.041 | 0.000                | 0.070      |
| 48               | 05/01/92 | 1010.295        | -0.002 | -0.043 | -0.010               | 0.060      |
| 49               | 07/01/92 | 1010.298        | 0.003  | -0.040 | 0.000                | 0.060      |
| 50               | 10/14/92 | 1010.294        | -0.004 | -0.044 | 0.010                | 0.070      |
| 51               | 03/30/93 | 1010.293        | -0.001 | -0.045 | 0.000                | 0.070      |
| 52               | 09/30/93 | 1010.295        | 0.002  | -0.043 | 0.000                | 0.070      |
| 53               | 01/21/94 | 1010.292        | -0.003 | -0.046 | 0.000                | 0.070      |
| 54               | 03/24/94 | 1010.293        | 0.001  | -0.045 | -0.005               | 0.065      |
| 55               | 10/11/94 | 1010.293        | 0.000  | -0.045 | 0.015                | 0.080      |
| 56               | 04/06/95 | 1010.290        | -0.003 | -0.048 | -0.010               | 0.070      |
| 57               | 10/19/95 | 1010.290        | 0.000  | -0.048 | 0.010                | 0.080      |
| 58               | 03/28/96 | 1010.293        | 0.003  | -0.045 | -0.005               | 0.075      |
| 59               | 05/02/97 | 1010.292        | -0.001 | -0.046 | -0.005               | 0.070      |
| 60               | 11/27/97 | 1010.295        | 0.003  | -0.043 | 0.005                | 0.075      |
| 61               | 12/17/98 | 1010.294        | -0.001 | -0.044 | -0.010               | 0.065      |
| 62               | 01/06/00 | 1010.293        | -0.001 | -0.045 | 0.015                | 0.080      |
| 63               | 05/14/01 | 1010.296        | 0.003  | -0.042 | -0.010               | 0.070      |
| 64               | 10/30/02 | 1010.293        | -0.003 | -0.045 | 0.000                | 0.070      |
| 65               | 12/16/04 | 1010.293        | 0.000  | -0.045 | 0.010                | 0.080      |
| 66               | 12/09/05 | 1010.290        | -0.003 | -0.048 | -0.010               | 0.070      |
| 67               | 02/21/07 | 1010.270        | -0.020 | -0.068 | 0.000                | 0.070      |
| 68               | 01/24/08 | 1010.290        | 0.020  | -0.048 | 0.000                | 0.070      |
| 69               | 01/29/09 | 1010.290        | 0.000  | -0.048 | 0.000                | 0.070      |
| 70               | 01/28/10 | 1010.290        | 0.000  | -0.048 | 0.000                | 0.070      |
| 71               | 01/18/11 | 1010.300        | 0.010  | -0.038 | 0.000                | 0.070      |
| 72               | 05/01/12 | 1010.300        | 0.000  | -0.038 | 0.000                | 0.070      |
| 73               | 02/13/13 | 1010.280        | -0.020 | -0.058 | 0.000                | 0.070      |
| 74               | 01/16/14 | 1010.290        | 0.010  | -0.048 | 0.000                | 0.070      |
| 75<br><b>-</b> 0 | 01/07/15 | 1010.280        | -0.010 | -0.058 | -0.010               | 0.060      |
| 76<br>           | 01/08/16 | 1010.290        | 0.010  | -0.048 | 0.000                | 0.060      |
| 77<br><b>-</b> 2 | 01/09/17 | 1010.290        | 0.000  | -0.048 | 0.000                | 0.060      |
| 78<br>           | 05/21/19 | 1010.290        | 0.000  | -0.048 | 0.000                | 0.060      |
| 79               | 02/12/20 | 1010.270        | -0.020 | -0.068 | 0.000                | 0.060      |



# LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

# MONUMENT B-2

|  |  |   | RTICAL [feet]  |  | HOME        | TAL [feet]     |
|--|--|---|--|--|-------------|----------------|
| NO.  | DATE   | ELEV                                      | DIFF.  | CUM.   | DIFF.       | CUM.           |
| 1  | 05/01/72                                       | 1010.129                                  |  |  | <del></del> | 0.120          |
| 44   | 04/26/90                                       | 1009.987                                  | -0.142   | -0.142   | 0.000       | 0.120          |
| 45   | 10/16/90                                       | 1009.992                                  | 0.005  | -0.137   | 0.005       | 0.125          |
| 46   | 04/26/91                                       | 1009.989                                  | -0.003   | -0.140   | 0.010       | 0.135          |
| 47   | 10/21/91                                       | 1009.987                                  | -0.002   | -0.142   | 0.000       | 0.135          |
| 48   | 05/01/92                                       | 1009.988                                  | 0.001  | -0.141   | 0.005       | 0.140          |
| 49   | 07/01/92                                       | 1009.990                                  | 0.002  | -0.139   | -0.010      | 0.130          |
| 50   | 10/14/92                                       | 1009.984                                  | -0.006   | -0.145   | 0.000       | 0.130          |
| 51   | 03/30/93                                       | 1009.984                                  | 0.000  | -0.145   | 0.000       | 0.130          |
| 52   | 09/30/93                                       | 1009.987                                  | 0.003  | -0.142   | -0.005      | 0.125          |
| 53   | 01/21/94                                       | 1009.982                                  | -0.005   | -0.147   | 0.015       | 0.140          |
| 54   | 03/24/94                                       | 1009.984                                  | 0.002  | -0.145   | -0.015      | 0.125          |
| 55   | 10/11/94                                       | 1009.983                                  | -0.001   | -0.146   | 0.005       | 0.130          |
| 56   | 04/06/95                                       | 1009.979                                  | -0.004   | -0.150   | 0.000       | 0.130          |
| 57   | 10/19/95                                       | 1009.979                                  | 0.000  | -0.150   | 0.010       | 0.140          |
| 58   | 03/28/96                                       | 1009.983                                  | 0.004  | -0.146   | 0.000       | 0.140          |
| 59   | 05/02/97                                       | 1009.980                                  | -0.003   | -0.149   | -0.005      | 0.135          |
| 60   | 11/27/97                                       | 1009.983                                  | 0.003  | -0.146   | 0.005       | 0.140          |
| 61   | 12/17/98                                       | 1009.984                                  | 0.001  | -0.145   | -0.010      | 0.130          |
| 62   | 01/06/00                                       | 1009.980                                  | -0.004   | -0.149   | 0.000       | 0.130          |
| 63   | 05/14/01                                       | 1009.986                                  | 0.006  | -0.143   | 0.000       | 0.130          |
| 64   | 10/30/02                                       | 1009.982                                  | -0.004   | -0.147   | 0.010       | 0.140          |
| 65   | 12/16/04                                       | 1009.986                                  | 0.004  | -0.143   | 0.010       | 0.150          |
| 66   | 12/09/05                                       | 1009.980                                  | -0.006   | -0.149   | -0.010      | 0.140          |
| 67   | 02/21/07                                       | 1009.970                                  | -0.010   | -0.159   | 0.000       | 0.140          |
| 68   | 01/24/08                                       | 1009.980                                  | 0.010  | -0.149   | 0.000       | 0.140          |
| 69   | 01/29/09                                       | 1009.980                                  | 0.000  | -0.149   | 0.000       | 0.140          |
| 70   | 01/28/10                                       | 1009.960                                  | -0.020   | -0.169   | -0.010      | 0.130          |
| 71   | 01/18/11                                       | 1009.980                                  | 0.020  | -0.149   | 0.010       | 0.140          |
| 72   | 05/01/12                                       | 1009.980                                  | 0.000  | -0.149   | 0.000       | 0.140          |
| 73   | 02/13/13                                       | 1009.960                                  | -0.020   | -0.169   | 0.000       | 0.140          |
| 74   | 01/16/14                                       | 1009.970                                  | 0.010  | -0.159   | 0.000       | 0.140          |
| 75<br><b>-</b> 0                               | 01/07/15                                       | 1009.970                                  | 0.000  | -0.159   | 0.000       | 0.140          |
| 76<br>   | 01/08/16                                       | 1009.970                                  | 0.000  | -0.159   | 0.000       | 0.140          |
| 77   | 01/09/17                                       | 1009.970                                  | 0.000  | -0.159   | 0.000       | 0.140          |
| 78   | 05/21/19                                       | 1009.970                                  | 0.000  | -0.159   | 0.000       | 0.140          |
| 79   | 02/12/20                                       | 1009.950                                  | -0.020   | -0.179   | 0.000       | 0.140          |
| 06-unc   | Jun-91<br>Jun-92<br>Jun-94<br>Jun-95<br>Jun-96 | Jun-98 Jun-99 Jun-00 Jun-02 Jun-02 Jun-03 | 100 UMENT B-2<br>100 Un -08 Un -09 Un -09 Un -09 Un -09 Un -01 Un - | Jun-13<br>Jun-14<br>Jun-15<br>Jun-17<br>Jun-17 | Jun-20      |                |
| 0.200  | *****  |   |  |  |             |                |
| <b>5</b> 0.000 <b>6</b> -0.100 <b>7</b> -0.100 |  |   |  |  |             | ries1<br>ries2 |
| -0.200   |  |   |  |  | - 50        |                |
| -0.300   |  |   |  |  |             |                |

# LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

# **MONUMENT B-3**

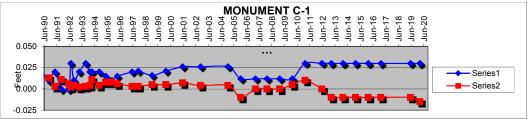
| DEADING                             | <u> </u>   | \/r      | EDTICAL Ifact | 1 1  | HUDI20VI             | ΓΛΙ [foot] |
|-------------------------------------|--|----------|---------------|--|----------------------|------------|
| READING                             |  |          | RTICAL [feet  |  | HORIZON <sup>*</sup> |            |
| NO.                                 | DATE   | ELEV     | DIFF.         | CUM.   | DIFF.                | CUM.       |
| 1                                   | 05/01/72   | 1010.267 | 0.407         | 0.407  | 0.005                | 0.015      |
| 44<br>45                            | 04/26/90   | 1010.160 | -0.107        | -0.107   | 0.095                | 0.110      |
| 45<br>46                            | 10/16/90   | 1010.163 | 0.003         | -0.104   | -0.010               | 0.100      |
| 46                                  | 04/26/91   | 1010.166 | 0.003         | -0.101   | 0.020                | 0.120      |
| 47                                  | 10/21/91   | 1010.159 | -0.007        | -0.108   | -0.020               | 0.100      |
| 48                                  | 05/01/92   | 1010.162 | 0.003         | -0.105   | 0.010                | 0.110      |
| 49                                  | 07/01/92   | 1010.162 | 0.000         | -0.105   | 0.000                | 0.110      |
| 50                                  | 10/14/92   | 1010.153 | -0.009        | -0.114   | -0.005               | 0.105      |
| 51                                  | 03/30/93   | 1010.162 | 0.009         | -0.105   | -0.005               | 0.100      |
| 52                                  | 09/30/93   | 1010.164 | 0.002         | -0.103   | 0.000                | 0.100      |
| 53                                  | 01/21/94   | 1010.161 | -0.003        | -0.106   | 0.020                | 0.120      |
| 54                                  | 03/24/94   | 1010.161 | 0.000         | -0.106   | -0.015               | 0.105      |
| 55<br>50                            | 10/11/94   | 1010.162 | 0.001         | -0.105   | -0.005               | 0.100      |
| 56<br>                              | 04/06/95   | 1010.155 | -0.007        | -0.112   | -0.005               | 0.095      |
| 57                                  | 10/19/95   | 1010.155 | 0.000         | -0.112   | 0.015                | 0.110      |
| 58                                  | 03/28/96   | 1010.157 | 0.002         | -0.110   | 0.000                | 0.110      |
| 59                                  | 05/02/97   | 1010.159 | 0.002         | -0.108   | 0.000                | 0.110      |
| 60                                  | 11/27/97   | 1010.160 | 0.001         | -0.107   | 0.010                | 0.120      |
| 61                                  | 12/17/98   | 1010.161 | 0.001         | -0.106   | -0.010               | 0.110      |
| 62                                  | 01/06/00   | 1010.158 | -0.003        | -0.109   | 0.000                | 0.110      |
| 63                                  | 05/14/01   | 1010.167 | 0.009         | -0.100   | 0.000                | 0.110      |
| 64                                  | 10/30/02   | 1010.160 | -0.007        | -0.107   | 0.000                | 0.110      |
| 65                                  | 12/16/04   | 1010.167 | 0.007         | -0.100   | 0.010                | 0.120      |
| 66                                  | 12/09/05   | 1010.160 | -0.007        | -0.107   | -0.010               | 0.110      |
| 67                                  | 02/21/07   | 1010.150 | -0.010        | -0.117   | 0.000                | 0.110      |
| 68                                  | 01/24/08   | 1010.160 | 0.010         | -0.107   | 0.000                | 0.110      |
| 69                                  | 01/29/09   | 1010.150 | -0.010        | -0.117   | 0.000                | 0.110      |
| 70                                  | 01/28/10   | 1010.140 | -0.010        | -0.127   | -0.020               | 0.090      |
| 71                                  | 01/18/11   | 1010.160 | 0.020         | -0.107   | 0.020                | 0.110      |
| 72                                  | 05/01/12   | 1010.160 | 0.000         | -0.107   | 0.000                | 0.110      |
| 73                                  | 02/13/13   | 1010.140 | -0.020        | -0.127   | 0.000                | 0.110      |
| 74                                  | 01/16/14   | 1010.150 | 0.010         | -0.117   | 0.000                | 0.110      |
| 75                                  | 01/07/15   | 1010.150 | 0.000         | -0.117   | 0.000                | 0.110      |
| 76                                  | 01/08/16   | 1010.150 | 0.000         | -0.117   | 0.000                | 0.110      |
| 77                                  | 01/09/17   | 1010.150 | 0.000         | -0.117   | 0.000                | 0.110      |
| 78                                  | 05/21/19   | 1010.160 | 0.010         | -0.107   | 0.000                | 0.110      |
| 79                                  | 02/12/20   | 1010.130 | -0.030        | -0.137   | 0.000                | 0.110      |
| 0.100 0.100 0.100 0.100 0.100 0.100 | - Jun-92<br>- Jun-94<br>- Jun-95<br>- Jun-96<br>- Jun-96 |          | ONUMENT B-3   | Jun-11<br>Jun-12<br>Jun-14<br>Jun-16<br>Jun-16 |                      | eries1     |
| 0.000                               |  |          |               |  |                      | eries2     |
| 0.200                               |  |          |               | -  |                      |            |

## LAS VIRGENES MUNICIPAL WATER DISTRICT

# LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

# **MONUMENT C-1**

| READING |          | VE       | RTICAL [feet] | HORIZONT | AL [feet] |       |
|---------|----------|----------|---------------|----------|-----------|-------|
| NO.     | DATE     | ELEV     | DIFF.         | CUM.     | DIFF.     | CUM.  |
| 1       | 05/01/72 | 1010.920 |               |          |           |       |
| 44      | 04/26/90 | 1010.931 | 0.011         | 0.011    | 0.020     | 0.020 |
| 45      | 10/16/90 | 1010.933 | 0.002         | 0.013    | -0.010    | 0.010 |
| 46      | 04/26/91 | 1010.923 | -0.010        | 0.003    | 0.010     | 0.020 |
| 47      | 10/21/91 | 1010.931 | 0.008         | 0.011    | -0.020    | 0.000 |
| 48      | 05/01/92 | 1010.926 | -0.005        | 0.006    | 0.000     | 0.000 |
| 49      | 07/01/92 | 1010.922 | -0.004        | 0.002    | 0.030     | 0.030 |
| 50      | 10/14/92 | 1010.924 | 0.002         | 0.004    | -0.020    | 0.010 |
| 51      | 03/30/93 | 1010.922 | -0.002        | 0.002    | 0.010     | 0.020 |
| 52      | 09/30/93 | 1010.923 | 0.001         | 0.003    | 0.010     | 0.030 |
| 53      | 01/21/94 | 1010.924 | 0.001         | 0.004    | -0.010    | 0.020 |
| 54      | 03/24/94 | 1010.931 | 0.007         | 0.011    | 0.000     | 0.020 |
| 55      | 10/11/94 | 1010.924 | -0.007        | 0.004    | 0.000     | 0.020 |
| 56      | 04/06/95 | 1010.928 | 0.004         | 0.008    | -0.005    | 0.015 |
| 57      | 10/19/95 | 1010.928 | 0.000         | 0.008    | -0.005    | 0.010 |
| 58      | 03/28/96 | 1010.926 | -0.002        | 0.006    | 0.005     | 0.015 |
| 59      | 05/02/97 | 1010.923 | -0.003        | 0.003    | 0.005     | 0.020 |
| 60      | 11/27/97 | 1010.923 | 0.000         | 0.003    | 0.001     | 0.021 |
| 61      | 12/17/98 | 1010.925 | 0.002         | 0.005    | -0.005    | 0.016 |
| 62      | 01/06/00 | 1010.925 | 0.000         | 0.005    | 0.005     | 0.021 |
| 63      | 05/14/01 | 1010.927 | 0.002         | 0.007    | 0.005     | 0.026 |
| 64      | 10/30/02 | 1010.924 | -0.003        | 0.004    | 0.000     | 0.026 |
| 65      | 12/16/04 | 1010.924 | 0.000         | 0.004    | 0.000     | 0.026 |
| 66      | 12/09/05 | 1010.910 | -0.014        | -0.010   | -0.014    | 0.012 |
| 67      | 02/21/07 | 1010.920 | 0.010         | 0.000    | 0.000     | 0.012 |
| 68      | 01/24/08 | 1010.920 | 0.000         | 0.000    | 0.000     | 0.012 |
| 69      | 01/29/09 | 1010.920 | 0.000         | 0.000    | 0.000     | 0.012 |
| 70      | 01/28/10 | 1010.925 | 0.005         | 0.005    | 0.000     | 0.012 |
| 71      | 01/18/11 | 1010.930 | 0.005         | 0.010    | 0.018     | 0.030 |
| 72      | 05/01/12 | 1010.920 | -0.010        | 0.000    | 0.000     | 0.030 |
| 73      | 02/13/13 | 1010.910 | -0.010        | -0.010   | 0.000     | 0.030 |
| 74      | 01/16/14 | 1010.910 | 0.000         | -0.010   | 0.000     | 0.030 |
| 75      | 01/07/15 | 1010.910 | 0.000         | -0.010   | 0.000     | 0.030 |
| 76      | 01/08/16 | 1010.910 | 0.000         | -0.010   | 0.000     | 0.030 |
| 77      | 01/09/17 | 1010.910 | 0.000         | -0.010   | 0.000     | 0.030 |
| 78      | 05/21/19 | 1010.910 | 0.000         | -0.010   | 0.000     | 0.030 |
| 79      | 02/12/20 | 1010.905 | -0.005        | -0.015   | 0.000     | 0.030 |
|         |          | MO       | ONUMENT C-1   |          |           |       |

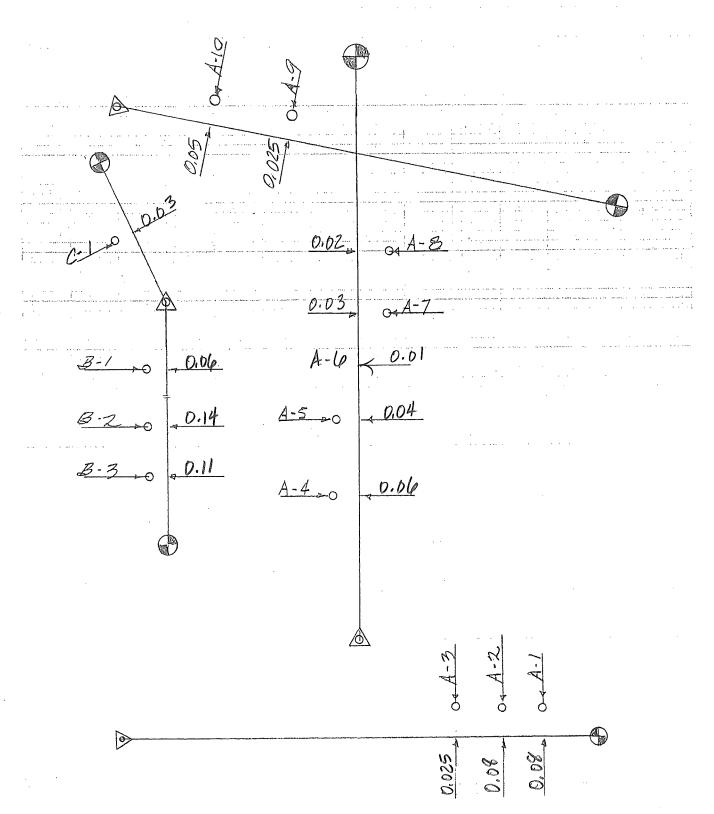


### **A-7 Benner and Carpenter Survey**

SURVEY OF VESTLAKE DAM SETTLEMENT SHECK DATE 2-12-20 J.N. 20-001

PARTY E. THOMAS, K. MACTIN PAGE 1054

NOTES CALC'D BY: \_\_\_\_\_\_ CALC'S CHECKED BY: \_\_\_\_\_



BENNER AND CARPENTER CIVIL ENGINEERS . LAND SURVEYORS SURVEY OF WESTLAKE DAM SPILLWAY DATE Z-12-20 J.N. 20-60/ PAGE ZOF 4 R.THOMAS, K. MARTAL CALC'S CHECKED BY: SIST LEAD & TACK TOP OF SPILLING HOWALL 2.58 2.59 2.71

### BENNER and CARPENTER

CIVIL ENGINEERS . LAND SURVEYORS

| J.N. <u>20-001</u> SURVEY OF | WESTLAKE   | DAM       | DATE 2 12-20 |
|------------------------------|------------|-----------|--------------|
| F.BPAGE 30 F 4 PARTY_        | R. THOMAS, | K. MARTIN |              |

CHECKED BY NOTES CALC'D BY: REMARKS н.т. ELEVATION STATION 1055 86 BM. @ DOCK 36 1069 1057 1054 \* / 4 95 WAA 1059 52 446 1002 1057 610 495 101/2 1057 4.8 10 1002 5/16 1057 1002 5 115 1097 10 10100 04 20 BM @ HDWL (1046,65 1013 88 BM @ NAIL IN POCK 2 79 1016 مشتيت 905 726 1010 45 1010 355 BME NAIL IN FOCK 115

#### BENNER and CARPENTER

CIVIL ENGINEERS . LAND SURVEYORS

| J.N. 20-60/ SURVEY OF W | GILAKE   | DAM        | _ DATE 2-12-20 |
|-------------------------|----------|------------|----------------|
| F.BPAGE 40F4 PARTY      | ETHOMAS, | K. MARTIAL |                |

| STATION T |  |         | шэ                                      | · · · · · · · · · · · · · · · · · · · |  | ED BY      | ELEVATIO | ON T   | REMARKS           |
|-----------|--|---------|---|---------------------------------------|--|------------|----------|--|-------------------|
| STATION   | В  | 1.5.    | H.1.                                    |                                       | 1  | r.a.       |          |  |                   |
|           |  |         |   |                                       |  |            | 1055     | St.  | BH @ DOCK         |
| 4         | 6  | 39      | 1062                                    | 25                                    |  |            |          |  |                   |
| 4-3       |  |         |   |                                       |  | 76         | 1056     | 49   |                   |
| 19        | E-A  | 34      | 10 61                                   | 85                                    |  | 3          |          |  |                   |
| A 0       |  |         | 10 101                                  | 0/                                    | 5  | e il       | 1051     | 51   |                   |
| A. 2      |  |         | 151.                                    |                                       | 7  | 34         | 1056     | 21   | ,                 |
|           | 5  | (1)     | 1062                                    | 12                                    |  | , controls |          | 4  |                   |
| 12-1      |  |         |   |                                       | 5  | 87         | 1050     | 23   |                   |
|           | 63   | 73      | 1061                                    | 96                                    |  |            |          |  |                   |
|           |  |         |   |                                       | 5  | 47         | 1056     | 49   |                   |
|           | 9970°<br>Victor                                  | 80      | 1002                                    | 21                                    | V  |            |          |  |                   |
|           | ** A   | 10 Gel  | <u> </u>                                | Not 1                                 |  | 44         | 1075     | 85   | BM @ DOCK         |
|           |  |         |   | 1                                     | 100  | 17         | 1000     | 13 /   | DAL C DOCK        |
|           |  |         |   |                                       | ļ  |            |          |  |                   |
|           |  |         |   | -                                     |  |            |          | <del>                                     </del> |                   |
|           |  |         |   | <u> </u>                              |  | -          | 10/4     | 14   | BH @ NAIL IN ROCK |
|           | 0  | 30      | 1014                                    | 94                                    |  |            |          |  |                   |
| 8-1       |  |         |   |                                       | d  | 67         | 1010     | 27   |                   |
| 12/3      | 4  | 98      | 1015                                    | 25                                    | 1 *  |            |          |  |                   |
| B-2       | -  | 10      | 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                                       | 5  | 30         | 1009     | 95   |                   |
|           | <del> </del>                                     |         | <u> </u>                                |                                       | +  | 1          | 1        | 13   |                   |
| 3-3       | <del>                                     </del> |         | S positive                              | +                                     | 5  | 12         | 1010     | 12   |                   |
|           | 1  | 91      | 1015                                    | 04                                    | <del>                                     </del> | A          |          |  |                   |
|           |  |         |   |                                       | 14   | 77         | 1010     | 127  |                   |
|           | 5  | 025     | 1015                                    | 295                                   |  |            |          |  |                   |
|           | 1  |         |   |                                       | 6  | 1,55       | 1014     | 64   | BH @ NAIL IN ROCK |
|           |  |         |   |                                       |  |            |          |  |                   |
|           | 1  |         |   |                                       | 1  |            |          |  |                   |
|           | -  | -       |   |                                       | +  |            |          |  |                   |
|           |  | 1       |   | 1.                                    | <del> </del>                                     |            |          |  |                   |
|           | ļ  | ļ       |   | -                                     | -  | -          | -        | <del> </del>                                     |                   |
|           | ļ  | ļ       |   |                                       | -  |            |          | -  |                   |
|           |  |         |   |                                       |  |            |          |  |                   |
|           |  | <u></u> |   |                                       |  |            |          |  |                   |
|           |  |         |   |                                       |  |            |          |  |                   |
|           | 1  |         |   |                                       |  |            |          |  |                   |
|           | †  |         |   |                                       | T  |            |          |  |                   |
|           | +-   | , r     |   |                                       |  | -          |          |  |                   |
|           | ╁  | -       |   |                                       | ╁  | -          | +        | -  |                   |
|           | -  | -       |   | -                                     | +-   | -          |          | -  |                   |
|           | <u> </u>   | ļ       |   |                                       |  |            |          | -  |                   |
|           | 1  | 1       |   |                                       |  |            |          |  | 110               |

## A-8 Shakemaps California Earthquake Archive 2019



## **ShakeMap Archive**

## ShakeMaps in S. California During 2019-2020

| Mag  | Time                     | Latitude   | Longtitude   | Location                           | Event ID     |
|------|--------------------------|------------|--------------|------------------------------------|--------------|
| 3.48 | 2019-05-08T16:14:59.220Z | 33.2133333 | -            | 10km NE of Ocotillo Wells, CA      | ci38351319   |
| 3.1  | 2019-06-02T02:19:48.580Z | 34.0483333 |              | 4km NNW of Glen Avon, CA           | ci38616248   |
| 3.06 | 2019-06-02T20:04:55.500Z | 33.8401667 | -117.0968333 | 6km NE of Nuevo, CA                | ci38617824   |
| 3.21 | 2019-06-02T23:36:36.030Z | 34.0525    | -117.5011667 | 5km NNW of Glen Avon, CA           | ci38618040   |
| 4.28 | 2019-06-05T10:47:18.800Z | 32.8228333 | -118.4828333 | 13km W of San Clemente Is. (SE tip | ) ci38624056 |
| 4.3  | 2019-06-05T14:32:09.580Z | 32.8376667 | -118.5031667 | 15km W of San Clemente Is. (SE tip | ) ci38624424 |
| 3.16 | 2019-06-06T00:20:57.170Z | 34.0475    | -117.5055    | 4km NNW of Glen Avon, CA           | ci38625712   |
| 3.49 | 2019-06-06T11:25:36.310Z | 32.8391667 | -118.4753333 | 12km W of San Clemente Is. (SE tip | ) ci38626504 |
| 3.46 | 2019-06-10T02:41:11.070Z | 35.4061667 | -118.845     | 16km E of Oildale, CA              | ci38633112   |
| 3.74 | 2019-06-13T00:07:33.670Z | 34.0736667 | -119.0398333 | 16km S of Camarillo, CA            | ci38639240   |
| 2.97 | 2019-06-14T02:16:07.490Z | 34.0336667 | -117.5023333 | 3km NNW of Glen Avon, CA           | ci38641224   |
| 2.96 | 2019-06-15T05:25:37.500Z | 34.1001667 | -116.928     | 13km NE of Yucaipa, CA             | ci38643176   |
| 3.02 | 2019-06-17T00:12:01.180Z | 34.0505    | -117.505     | 5km NNW of Glen Avon, CA           | ci38646288   |
| 3.02 | 2019-06-27T20:50:46.750Z | 34.0268333 | -117.5683333 | 6km NW of Mira Loma, CA            | ci38433919   |
| 3.98 | 2019-07-04T17:02:55.340Z | 35.7081667 | -117.5036667 | 11km SW of Searles Valley, CA      | ci38443095   |
| 6.4  | 2019-07-04T17:33:49.000Z | 35.7053333 | -117.5038333 | Ridgecrest Earthquake Sequence     | ci38443183   |
| 4.49 | 2019-07-04T17:35:01.660Z | 35.644     | -117.5671667 | 10km ENE of Ridgecrest, CA         | ci38443191   |
| 3.93 | 2019-07-04T17:35:17.430Z | 35.6886667 | -117.474     | 11km SW of Searles Valley, CA      | ci37255940   |
| 3.63 | 2019-07-04T17:35:46.340Z | 35.6936667 | -117.437     | 9km SSW of Searles Valley, CA      | ci37222356   |
| 4.28 | 2019-07-04T17:35:52.170Z | 35.687     | -117.5061667 | 13km SW of Searles Valley, CA      | ci37218988   |
| 3.66 | 2019-07-04T17:37:01.140Z | 35.7105    | -117.4773333 | 9km SW of Searles Valley, CA       | ci37222372   |
| 3.97 | 2019-07-04T17:37:14.850Z | 35.6655    | -117.516     | 15km SW of Searles Valley, CA      | ci37222364   |
| 4.01 | 2019-07-04T17:37:25.640Z | 35.6758333 | -117.4575    | 11km SSW of Searles Valley, CA     | ci37218996   |
| 3.73 | 2019-07-04T17:38:21.450Z | 35.714     | -117.476     | 9km SW of Searles Valley, CA       | ci37421941   |
| 3.5  | 2019-07-04T17:38:47.500Z | 35.6215    | -117.5782    | 8km E of Ridgecrest, California    | us70004a0n   |
| 3.5  | 2019-07-04T17:38:47.760Z | 35.6235    | -117.596     | 7km E of Ridgecrest, CA            | ci37222396   |
| 3.69 | 2019-07-04T17:39:35.360Z | 35.6876667 | -117.4931667 | 12km SW of Searles Valley, CA      | ci38443215   |
| 3.8  | 2019-07-04T17:40:02.250Z | 35.7253333 | -117.5708333 | 15km NE of Ridgecrest, CA          | ci38443223   |
| 4.13 | 2019-07-04T17:40:18.520Z | 35.707     | -117.5101667 | 12km SW of Searles Valley, CA      | ci38443231   |
| 3.54 | 2019-07-04T17:40:34.900Z | 35.6948333 | -117.5018333 | 12km SW of Searles Valley, CA      | ci37222508   |
| 3.6  | 2019-07-04T17:43:29.200Z | 35.6783    | -117.5488    | 12km ENE of Ridgecrest, California | us70004a0z   |
| 3.86 | 2019-07-04T17:44:32.820Z | 35.6875    | -117.5071667 | 13km SW of Searles Valley, CA      | ci38443255   |
| 3.11 | 2019-07-04T17:47:40.970Z | 35.726     | -117.5585    | 15km WSW of Searles Valley, CA     | ci37222548   |
| 3.53 | 2019-07-04T18:01:23.180Z | 35.6876667 | -117.5085    | 13km SW of Searles Valley, CA      | ci37422005   |
| 3.79 | 2019-07-04T18:06:16.110Z | 35.6606667 | -117.523     | 14km ENE of Ridgecrest, CA         | ci38443383   |
| 3.51 | 2019-07-04T18:07:09.270Z | 35.5991667 | -117.6101667 | 6km ESE of Ridgecrest, CA          | ci38443391   |
| 3.38 | 2019-07-04T18:08:33.160Z | 35.6678333 | -117.5061667 | 14km SW of Searles Valley, CA      | ci38443407   |
| 3.55 | 2019-07-04T18:08:45.070Z | 35.7108333 | -117.4768333 | 9km SW of Searles Valley, CA       | ci37223308   |
| 3.5  | 2019-07-04T18:13:51.400Z | 35.7081667 | -117.485     | 10km SW of Searles Valley, CA      | ci38443439   |

| 3.75 | 2019-07-04T18:28:43.640Z                             | 35.6661667 | -117.5656667 | 11km ENE of Ridgecrest, CA     | ci38443543               |
|------|--|------------|--------------|--------------------------------|--------------------------|
| 4.59 | 2019-07-04T18:39:44.440Z                             | 35.6013333 | -117.597     | 7km ESE of Ridgecrest, CA      | ci38443607               |
| 4.34 | 2019-07-04T18:47:06.590Z                             | 35.6758333 | -117.4853333 | 13km SW of Searles Valley, CA  | ci38443647               |
| 4.02 | 2019-07-04T18:47:22.600Z                             | 35.6755    | -117.472     | 12km SSW of Searles Valley, CA | ci37421213               |
| 3.7  | 2019-07-04T18:50:15.910Z                             | 35.682     | -117.4961667 | 13km SW of Searles Valley, CA  | ci38443671               |
| 4.07 | 2019-07-04T18:54:13.990Z                             | 35.5975    | -117.5996667 | 7km ESE of Ridgecrest, CA      | ci38443703               |
| 4.58 | 2019-07-04T18:56:06.420Z                             | 35.716     | -117.56      | 15km NE of Ridgecrest, CA      | ci38443719               |
| 4.21 | 2019-07-04T18:56:22.030Z                             | 35.7086667 | -117.5541667 | 15km NE of Ridgecrest, CA      | ci37420717               |
| 4.5  | 2019-07-04T19:21:32.090Z                             | 35.6715    | -117.4788333 | 13km SSW of Searles Valley, CA | ci38443871               |
| 4.16 | 2019-07-04T19:56:00.500Z                             | 35.6623333 | -117.524     | 14km ENE of Ridgecrest, CA     | ci38444103               |
| 3.27 | 2019-07-04T19:56:25.890Z                             | 35.6636667 | -117.5225    | 15km ENE of Ridgecrest, CA     | ci37260124               |
| 3.99 | 2019-07-04T20:14:50.340Z                             | 35.6991667 | -117.5125    | 12km SW of Searles Valley, CA  | ci38444215               |
| 3.47 | 2019-07-04T21:02:55.820Z                             | 35.69      |              | 11km SW of Searles Valley, CA  | ci38444543               |
| 3.53 | 2019-07-04T23:12:40.400Z                             | 35.6731667 |              | 12km SSW of Searles Valley, CA | ci38445495               |
| 3.82 | 2019-07-04T23:34:00.630Z                             | 35.6623333 |              | 14km ENE of Ridgecrest, CA     | ci37420973               |
| 4.04 | 2019-07-04T23:34:02.380Z                             | 35.6011667 |              | 6km ESE of Ridgecrest, CA      | ci38445703               |
| 4.02 | 2019-07-05T00:32:06.670Z                             | 35.7033333 |              | 10km SW of Searles Valley, CA  | ci38446071               |
| 3.85 | 2019-07-05T00:45:39.460Z                             | 35.6946667 |              | 12km SW of Searles Valley, CA  | ci38446159               |
| 3.98 | 2019-07-05T02:01:59.010Z                             | 35.6401667 |              | 12km E of Ridgecrest, CA       | ci38446647               |
| 3.53 | 2019-07-05T04:11:38.570Z                             | 35.722     |              | 14km WSW of Searles Valley, CA | ci38447591               |
| 3.56 | 2019-07-05T04:14:45.300Z                             | 35.6993333 |              | 10km SW of Searles Valley, CA  | ci38447623               |
| 3.65 | 2019-07-05T06:09:23.110Z                             | 35.6228333 |              | 9km E of Ridgecrest, CA        | ci38448295               |
| 3.46 | 2019-07-05T07:39:13.480Z                             | 35.688     |              | 11km SW of Searles Valley, CA  | ci38448863               |
| 3.47 | 2019-07-05T08:21:04.780Z                             | 35.6023333 |              | 7km ESE of Ridgecrest, CA      | ci38449191               |
| 3.48 | 2019-07-05T08:54:02.480Z                             | 35.704     |              | 11km SW of Searles Valley, CA  | ci38449351               |
| 3.62 | 2019-07-05T09:46:29.080Z                             | 35.6496667 |              | 12km ENE of Ridgecrest, CA     | ci38449719               |
| 3.54 | 2019-07-05T10:59:38.920Z                             | 35.602     |              | 8km ESE of Ridgecrest, CA      | ci38450223               |
| 3.84 | 2019-07-05T17:02:36.510Z                             |            |              | 9km E of Ridgecrest, CA        |                          |
|      | 2019-07-05117.02.36.3102<br>2019-07-06T00:13:02.720Z | 35.6175    |              | 15km WSW of Searles Valley, CA | ci38453279<br>ci38456351 |
| 3.5  |  | 35.7281667 |              | •                              |                          |
| 4.97 | 2019-07-06T03:16:32.480Z                             | 35.7253333 |              | 14km WSW of Searles Valley, CA | ci38457487               |
| 4.15 | 2019-07-06T03:21:19.190Z                             | 35.5423333 |              | 18km ESE of Ridgecrest, CA     | ci37260300               |
| 4.46 | 2019-07-06T03:22:27.160Z                             | 35.6171667 |              | 17km S of Searles Valley, CA   | ci37219492               |
| 4.73 | 2019-07-06T03:22:35.630Z                             |            |              | 17km S of Searles Valley, CA   | ci37219500               |
| 4.22 | 2019-07-06T03:23:34.710Z                             | 35.5685    |              | 16km ESE of Ridgecrest, CA     | ci37219476               |
| 3.98 | 2019-07-06T03:25:49.560Z                             | 35.6543333 |              | 14km SSW of Searles Valley, CA | ci37260460               |
| 3.76 | 2019-07-06T03:26:27.680Z                             | 35.6135    |              | 17km S of Searles Valley, CA   | ci37260476               |
| 3.84 | 2019-07-06T03:27:04.570Z                             | 35.6105    |              | 17km SSW of Trona, CA          | ci37260484               |
| 4.57 | 2019-07-06T03:27:11.370Z                             | 35.5303333 |              | 24km ESE of Ridgecrest, CA     | ci37219564               |
| 4.02 | 2019-07-06T03:29:10.290Z                             | 35.6566667 |              | 13km SSW of Searles Valley, CA | ci37219596               |
| 4.49 | 2019-07-06T03:30:25.050Z                             | 35.5566667 | -117.3581667 | 23km S of Trona, CA            | ci38457591               |
| 3.62 | 2019-07-06T03:31:24.540Z                             | 35.6596667 | -117.4853333 | 14km SSW of Searles Valley, CA | ci37219644               |
| 3.68 | 2019-07-06T03:32:29.440Z                             | 35.5985    |              | 19km S of Trona, CA            | ci37219676               |
| 4.13 | 2019-07-06T03:33:09.850Z                             | 35.7148333 | -117.5051667 | 11km WSW of Searles Valley, CA | ci37219692               |
| 4.08 | 2019-07-06T03:33:20.200Z                             | 35.624     | -117.4861667 | 17km E of Ridgecrest, CA       | ci37219700               |
| 4.01 | 2019-07-06T03:33:39.450Z                             | 35.726     | -117.5613333 | 15km WSW of Searles Valley, CA | ci37219708               |
| 3.52 | 2019-07-06T03:34:55.980Z                             | 35.5806667 | -117.3961667 | 20km S of Trona, CA            | ci37219788               |
| 4.09 | 2019-07-06T03:35:05.420Z                             | 35.6521667 | -117.4668333 | 14km SSW of Searles Valley, CA | ci38457607               |
| 3.85 | 2019-07-06T03:36:28.480Z                             | 35.6625    | -117.5445    | 13km ENE of Ridgecrest, CA     | ci37219812               |

| 3.47 | 2019-07-06T03:37:44.910Z | 35.6591667               | -117.5008333 15km SW of Searles Valley, CA  | ci37260924 |
|------|--------------------------|--------------------------|---|------------|
| 3.45 | 2019-07-06T03:38:56.100Z | 35.6483333               | -117.4673333 14km SSW of Searles Valley, CA | ci38457623 |
| 3.69 | 2019-07-06T03:39:02.720Z | 35.7166667               | -117.5515 14km WSW of Searles Valley, CA    | ci37219844 |
| 3.84 | 2019-07-06T03:39:14.680Z | 35.6136667               | -117.433 17km S of Searles Valley, CA       | ci37421221 |
| 3.46 | 2019-07-06T03:42:37.900Z | 35.5688333               | -117.3843333 22km S of Trona, CA            | ci37261436 |
| 3.52 | 2019-07-06T03:45:54.830Z | 35.7036667               | -117.5063333 12km SW of Searles Valley, CA  | ci37220276 |
| 4.26 | 2019-07-06T03:46:26.870Z | 35.6805                  | -117.4703333 11km SSW of Searles Valley, CA | ci38457679 |
| 3.72 | 2019-07-06T03:46:38.500Z | 35.6573333               | -117.45 13km SSW of Searles Valley, CA      | ci37220284 |
| 3.78 | 2019-07-06T03:49:24.980Z | 35.5571667               | -117.3851667 23km S of Trona, CA            | ci37220308 |
| 3.67 | 2019-07-06T03:50:04.740Z | 35.6163333               | -117.4436667 17km SSW of Searles Valley, CA | ci37261788 |
| 3.6  | 2019-07-06T03:52:54.840Z | 35.5768333               | -117.4073333 21km S of Trona, CA            | ci37220612 |
| 3.55 | 2019-07-06T04:05:27.720Z | 35.6578333               | -117.4866667 14km SSW of Searles Valley, CA | ci37221404 |
| 3.79 | 2019-07-06T04:06:14.580Z | 35.578                   | -117.3738333 21km S of Trona, CA            | ci38457887 |
| 4.68 | 2019-07-06T04:07:04.570Z | 35.5551667               | -117.5216667 16km ESE of Ridgecrest, CA     | ci38457775 |
| 3.86 | 2019-07-06T04:12:13.840Z | 35.659                   | -117.4798333 14km SSW of Searles Valley, CA | ci38457807 |
| 4.8  | 2019-07-06T04:13:07.080Z | 35.5846667               | -117.6145 7km SE of Ridgecrest, CA          | ci38457815 |
| 3.84 | 2019-07-06T04:14:20.800Z | 35.6041667               | -117.4026667 18km S of Trona, CA            | ci37221644 |
| 3.74 | 2019-07-06T04:14:31.370Z | 35.6795                  | -117.4906667 12km SW of Searles Valley, CA  | ci37221708 |
| 2.94 | 2019-07-06T04:16:09.740Z | 35.5308333               | -117.4883333 20km ESE of Ridgecrest, CA     | ci38457823 |
| 3.63 | 2019-07-06T04:18:36.030Z | 35.694                   | -117.5381667 15km SW of Searles Valley, CA  | ci37221916 |
| 4.01 | 2019-07-06T04:19:56.010Z | 35.5808333               | -117.4041667 20km S of Trona, CA            | ci38457863 |
| 3.62 | 2019-07-06T04:21:53.760Z | 35.7166667               | -117.5548333 15km WSW of Searles Valley, CA | ci37222028 |
| 3.67 | 2019-07-06T04:24:43.320Z | 35.6741667               | -117.549 13km ENE of Ridgecrest, CA         | ci37222092 |
| 3.75 | 2019-07-06T04:31:19.460Z | 35.5656667               | -117.3958333 22km S of Trona, CA            | ci37224756 |
| 4.24 | 2019-07-06T04:40:15.980Z | 35.6428333               | -117.4456667 14km SSW of Searles Valley, CA | ci38457983 |
| 3.66 | 2019-07-06T04:53:45.340Z | 35.5921667               | -117.5275 14km ESE of Ridgecrest, CA        | ci37225436 |
| 3.45 | 2019-07-06T04:58:12.040Z | 35.6321667               | -117.433 15km S of Searles Valley, CA       | ci38458135 |
| 4.03 | 2019-07-06T04:58:36.690Z | 35.7073333               | -117.5706667 14km NE of Ridgecrest, CA      | ci38458143 |
| 3.67 | 2019-07-06T05:08:11.260Z | 35.7073333               | -117.5636667 15km NE of Ridgecrest, CA      | ci38458215 |
| 3.45 | 2019-07-06T05:26:53.000Z | 35.6468333               | -117.4601667 14km SSW of Searles Valley, CA | ci38458391 |
| 3.66 |                          |                          | •   |            |
|      | 2019-07-06T05:41:36.030Z | 35.5586667<br>35.6058333 | -117.419 23km S of Trona, CA                | ci37227372 |
| 3.62 | 2019-07-06T05:52:05.350Z | 00.000000                | -117.403 18km S of Trona, CA                | ci38458575 |
| 3.5  | 2019-07-06T06:00:57.770Z | 35.5535                  | -117.3465 24km S of Trona, CA               | ci38458671 |
| 3.53 | 2019-07-06T06:07:08.680Z | 35.5771667               | -117.3635 21km S of Trona, CA               | ci38458719 |
| 4.27 | 2019-07-06T06:12:52.000Z | 35.5813333               | -117.3751667 20km S of Trona, CA            | ci38458759 |
| 3.77 | 2019-07-06T06:52:25.970Z | 35.5601667               | -117.3983333 23km S of Trona, CA            | ci38459207 |
| 3.4  | 2019-07-06T06:53:09.890Z | 35.6718333               | -117.4946667 13km SW of Searles Valley, CA  | ci38459215 |
| 3.46 | 2019-07-06T07:03:14.700Z | 35.6568333               | -117.5353333 13km ENE of Ridgecrest, CA     | ci38459311 |
| 3.62 | 2019-07-06T07:31:14.490Z | 35.7043333               | -117.505 12km SW of Searles Valley, CA      | ci38459599 |
| 3.87 | 2019-07-06T07:54:46.580Z | 35.7051667               | -117.5576667 14km NE of Ridgecrest, CA      | ci38459887 |
| 3.55 | 2019-07-06T07:56:03.660Z | 35.6746667               | -117.475 12km SSW of Searles Valley, CA     | ci38459895 |
| 3.59 | 2019-07-06T08:28:33.770Z | 35.6318333               | -117.4105 15km S of Trona, CA               | ci38460255 |
| 4.56 | 2019-07-06T08:32:57.550Z | 35.639                   | -117.4913333 16km SSW of Searles Valley, CA | ci38460311 |
| 3.6  | 2019-07-06T08:59:55.720Z | 35.6021667               | -117.3878333 18km S of Trona, CA            | ci38460631 |
| 3.96 | 2019-07-06T08:59:57.510Z | 35.5498333               | -117.3855 24km S of Trona, CA               | ci38460639 |
| 3.51 | 2019-07-06T09:27:08.460Z | 35.6183333               | -117.5836667 8km E of Ridgecrest, CA        | ci38460951 |
| 3.52 | 2019-07-06T10:09:18.110Z | 35.5755                  | -117.5176667 15km ESE of Ridgecrest, CA     | ci38461447 |
| 3.51 | 2019-07-06T10:31:43.930Z | 35.6486667               | -117.4546667 14km SSW of Searles Valley, CA | ci38461655 |

| 3.82 | 2019-07-06T10:37:27.560Z                             | 35.5745    | -117.3528333 2 | 21km S of Trona, CA            | ci38461735 |
|------|--|------------|----------------|--------------------------------|------------|
| 4.04 | 2019-07-06T10:48:24.460Z                             | 35.5785    | -117.372 2     | 21km S of Trona, CA            | ci38461879 |
| 3.68 | 2019-07-06T11:15:20.710Z                             | 35.646     | -117.4656667 1 | 15km SSW of Searles Valley, CA | ci38462175 |
| 3.65 | 2019-07-06T13:32:59.500Z                             | 35.6761667 | -117.4873333 1 | 13km SW of Searles Valley, CA  | ci38463791 |
| 3.64 | 2019-07-06T13:43:18.740Z                             | 35.6163333 | -117.4755 1    | 18km SSW of Searles Valley, CA | ci38463911 |
| 4.14 | 2019-07-06T16:36:05.820Z                             | 35.5705    | -117.523 1     | 15km ESE of Ridgecrest, CA     | ci38465703 |
| 3.37 | 2019-07-06T16:38:01.320Z                             | 35.5951667 |                | 19km S of Trona, CA            | ci38465711 |
| 3.55 | 2019-07-06T18:19:39.620Z                             | 35.448     | -117.3256667 2 | 29km ENE of Johannesburg, CA   | ci38466623 |
| 3.87 | 2019-07-06T18:46:26.040Z                             | 35.6541667 |                | 14km SSW of Searles Valley, CA | ci38466847 |
| 2.8  | 2019-07-06T20:23:44.640Z                             | 34.0185    |                | 5km SE of Loma Linda, CA       | ci38467679 |
| 3.51 | 2019-07-06T20:41:30.750Z                             | 35.692     |                | 13km SW of Searles Valley, CA  | ci38467815 |
| 3.51 | 2019-07-06T21:05:24.590Z                             | 35.7206667 |                | 13km NNE of Ridgecrest, CA     | ci38468007 |
| 3.71 | 2019-07-06T23:21:34.170Z                             | 35.7       |                | 12km SW of Searles Valley, CA  | ci38469079 |
| 3.55 | 2019-07-07T01:05:07.130Z                             | 35.6695    |                | 15km SW of Searles Valley, CA  | ci38469967 |
| 3.64 | 2019-07-07T02:17:01.710Z                             | 35.6035    |                | 19km E of Ridgecrest, CA       | ci38470471 |
| 3.5  | 2019-07-07T06:07:06.460Z                             | 35.6661667 |                | 15km ENE of Ridgecrest, CA     | ci38472463 |
| 3.6  | 2019-07-07T07:09:38.840Z                             | 35.6165    |                | 17km S of Searles Valley, CA   | ci38473039 |
| 3.45 | 2019-07-07T07:20:26.120Z                             | 35.6915    |                | 15km ENE of Ridgecrest, CA     | ci38473035 |
| 3.48 |  |            |                |                                |            |
|      | 2019-07-07T10:21:27.220Z                             | 35.658     |                | 14km SSW of Searles Valley, CA | ci38474855 |
| 3.49 | 2019-07-07T11:33:50.220Z                             | 35.5668333 |                | 22km S of Trona, CA            | ci38475511 |
| 3.59 | 2019-07-07T18:50:02.290Z                             | 35.5975    |                | 19km S of Searles Valley, CA   | ci38478703 |
| 3.52 | 2019-07-07T22:33:21.390Z                             | 35.683     |                | 15km SW of Searles Valley, CA  | ci38480447 |
| 3.56 | 2019-07-08T07:18:34.580Z                             | 35.5498333 |                | 24km S of Trona, CA            | ci38484231 |
| 3.5  | 2019-07-08T09:57:10.970Z                             | 35.6541667 |                | 14km SSW of Searles Valley, CA | ci38485391 |
| 3.47 | 2019-07-08T12:14:57.900Z                             | 35.6258333 |                | 16km S of Searles Valley, CA   | ci38486591 |
| 3.83 | 2019-07-08T16:04:28.270Z                             | 35.678     |                | 14km SW of Searles Valley, CA  | ci38488719 |
| 3.52 | 2019-07-08T17:50:01.470Z                             | 35.6671667 | -117.5003333 1 | 14km SW of Searles Valley, CA  | ci38489727 |
| 3.81 | 2019-07-08T17:53:47.180Z                             | 35.5548333 | -117.3123333 2 | 24km SSE of Trona, CA          | ci38489751 |
| 3.47 | 2019-07-09T12:58:21.670Z                             | 35.6753333 | -117.4846667 1 | 13km SW of Searles Valley, CA  | ci38501895 |
| 3.49 | 2019-07-09T15:40:45.550Z                             | 35.5748333 | -117.3633333 2 | 21km S of Trona, CA            | ci38503631 |
| 3.55 | 2019-07-09T17:11:28.670Z                             | 35.7021667 | -117.4941667 1 | 11km SW of Searles Valley, CA  | ci38504647 |
| 3.43 | 2019-07-09T18:37:37.350Z                             | 35.7275    | -117.5428333 1 | 13km WSW of Searles Valley, CA | ci38505679 |
| 3.76 | 2019-07-10T03:42:54.900Z                             | 35.6426667 | -117.4495 1    | 14km SSW of Searles Valley, CA | ci38511719 |
| 4.17 | 2019-07-10T20:09:51.950Z                             | 35.6646667 | -117.5246667 1 | 14km ENE of Ridgecrest, CA     | ci38522647 |
| 3.62 | 2019-07-10T23:58:59.190Z                             | 35.6723333 | -117.49 1      | 13km SW of Searles Valley, CA  | ci38525047 |
| 3.53 | 2019-07-11T11:36:16.630Z                             | 35.6176667 | -117.4206667 1 | 17km SSW of Trona, CA          | ci38532079 |
| 3.53 | 2019-07-11T16:41:08.500Z                             | 35.7031667 | -117.506 1     | 12km SW of Searles Valley, CA  | ci38534735 |
| 4.9  | 2019-07-12T13:11:38.000Z                             | 35.6366667 | -117.5866667 8 | 8km ENE of Ridgecrest, CA      | ci38548295 |
| 3.49 | 2019-07-13T22:58:40.480Z                             | 35.6863333 |                | 14km ENE of Ridgecrest, CA     | ci38561839 |
| 3.64 | 2019-07-15T02:54:39.630Z                             | 35.6643333 |                | 15km SW of Searles Valley, CA  | ci38570271 |
| 3.61 | 2019-07-15T15:43:36.560Z                             | 35.6701667 |                | 11km S of Searles Valley, CA   | ci38574407 |
| 3.69 | 2019-07-15T21:29:53.010Z                             | 35.6786667 |                | 14km SW of Searles Valley, CA  | ci38576311 |
| 3.8  | 2019-07-16T02:47:05.050Z                             | 35.6323333 |                | 15km S of Searles Valley, CA   | ci38577831 |
| 3.48 | 2019-07-16T10:52:32.650Z                             | 35.5991667 |                | 18km S of Trona, CA            | ci38580111 |
| 3.54 | 2019-07-16T20:15:59.030Z                             | 35.6771667 |                | 14km SW of Searles Valley, CA  | ci37421757 |
| 3.61 | 2019-07-10T20:13:35:030Z<br>2019-07-17T19:42:15.110Z | 35.6496667 |                | 14km SSW of Searles Valley, CA | ci38590903 |
| 3.65 | 2019-07-17T19:42:13:1102<br>2019-07-19T10:47:05.420Z | 35.585     |                | 20km S of Trona, CA            | ci38603223 |
| 3.51 | 2019-07-19T16:16:58.430Z                             | 35.715     |                | 10km SW of Searles Valley, CA  | ci38605023 |
| J.JI | 2019-07-19110.10.30.43UZ                             | 33./13     | -11/.433 1     | TOKIN DAN OF DEGILES NAMES, CA | CI30003023 |

| 3.59 | 2019-07-19T18:40:14.940Z                             | 33.4528333 |                | .4km SE of Anza, CA            | ci38605615 |
|------|--|------------|----------------|--------------------------------|------------|
| 3.47 | 2019-07-19T23:33:45.390Z                             | 35.652     | -117.4918333 1 | .5km SSW of Searles Valley, CA | ci38606951 |
| 4.2  | 2019-07-22T16:26:56.080Z                             | 33.9958333 | -116.0445 1    | .6km S of Twentynine Palms, CA | ci38624623 |
| 4.15 | 2019-07-23T07:45:02.530Z                             | 35.625     | -117.4266667 1 | .6km S of Searles Valley, CA   | ci38628799 |
| 3.75 | 2019-07-24T14:35:18.560Z                             | 35.6068333 | -117.6045 7    | km ESE of Ridgecrest, CA       | ci38636511 |
| 3.56 | 2019-07-27T01:35:37.540Z                             | 35.5338333 | -117.367 2     | 26km S of Trona, CA            | ci38652167 |
| 3.91 | 2019-07-27T10:30:54.390Z                             | 35.6371667 | -117.4741667 1 | .6km SSW of Searles Valley, CA | ci38653975 |
| 3.5  | 2019-07-30T16:30:56.350Z                             | 35.6666667 | -117.5063333 1 | 4km SW of Searles Valley, CA   | ci38672303 |
| 3.47 | 2019-08-18T18:56:43.470Z                             | 35.6698333 | -117.475 1     | 3km SSW of Searles Valley, CA  | ci38982368 |
| 3.54 | 2019-08-19T00:09:12.940Z                             | 35.6703333 | -117.4678333 1 | 2km SSW of Searles Valley, CA  | ci38983016 |
| 3.47 | 2019-08-24T11:02:20.670Z                             | 35.5971667 |                | .9km SSW of Trona, CA          | ci39004464 |
| 2.98 | 2019-08-29T17:17:48.550Z                             | 34.018     |                | okm SSE of Mentone, CA         | ci39022568 |
| 3.19 | 2019-09-02T04:05:04.610Z                             | 33.649     |                | km NE of Lakeland Village, CA  | ci39034704 |
| 3.47 | 2019-09-03T03:41:29.170Z                             | 35.703     |                | 2km NE of Ridgecrest, CA       | ci39037688 |
| 3.41 | 2019-09-04T00:18:46.170Z                             | 34.0056667 |                | Okm NNE of Cabazon, CA         | ci39040408 |
| 3.59 | 2019-09-08T14:07:23.350Z                             | 35.581     |                | 21km S of Trona, CA            | ci38819223 |
| 3.96 | 2019-09-10T20:21:49.840Z                             | 33.594     |                | Lkm ESE of Wildomar, CA        | ci38824959 |
| 3.53 | 2019-09-14T09:48:39.690Z                             | 33.5463333 |                | 23km SSW of Seal Beach, CA     | ci38835287 |
| 3.77 | 2019-09-16T18:11:51.690Z                             | 33.3618333 |                | Skm WNW of Bombay Beach, CA    | ci38840159 |
| 3.63 | 2019-09-10T18:11:51:090Z<br>2019-09-19T09:59:46.580Z | 33.3596667 |                | 5km WNW of Bombay Beach, CA    | ci38845903 |
| 3.54 | 2019-09-19109:39:40:380Z<br>2019-10-18T07:19:51.180Z | 33.8913333 |                | •                              | ci38905415 |
|      |  |            |                | Okm SSE of Compton, CA         |            |
| 3.54 | 2019-10-21T10:13:53.230Z                             | 35.5608333 |                | 23km ESE of Ridgecrest, CA     | ci38909287 |
| 3.6  | 2019-10-29T16:21:32.590Z                             | 33.2281667 |                | 2km SE of Lake Henshaw, CA     | ci38922103 |
| 3.51 | 2019-10-30T22:57:26.670Z                             | 35.5475    |                | 16km ESE of Ridgecrest, CA     | ci38923807 |
| 3.53 | 2019-11-03T15:45:55.610Z                             | 35.6335    |                | 5km SSW of Searles Valley, CA  | ci38930143 |
| 3.2  | 2019-11-07T12:58:41.630Z                             | 34.274     |                | 5km W of Ventura, CA           | ci38229234 |
| 3.42 | 2019-11-07T13:05:39.400Z                             | 34.2761667 |                | 5km W of Ventura, CA           | ci38229250 |
| 3.37 | 2019-11-08T12:10:12.790Z                             | 34.2655    |                | 5km W of Ventura, CA           | ci38231562 |
| 3.61 | 2019-11-08T13:29:38.880Z                             | 34.2788333 |                | Skm W of Ventura, CA           | ci38231786 |
| 3.24 | 2019-11-08T13:37:20.800Z                             | 34.274     |                | 5km W of Ventura, CA           | ci38231834 |
| 2.88 | 2019-11-08T21:55:02.220Z                             | 34.2796667 | -119.2835 5    | ikm W of Ventura, CA           | ci38232922 |
| 3.36 | 2019-11-10T09:44:43.310Z                             | 33.9155    | -116.7265 6    | ikm E of Cabazon, CA           | ci38235954 |
| 3.47 | 2019-11-10T22:07:59.490Z                             | 33.8683333 | -116.1958333 1 | .6km N of Indio, CA            | ci38236850 |
| 3.99 | 2019-11-12T02:13:52.180Z                             | 32.7913333 | -115.5473333 1 | km ENE of El Centro, CA        | ci38238746 |
| 3.61 | 2019-11-12T02:14:18.260Z                             | 32.7758333 | -115.5386667 2 | km SE of El Centro, CA         | ci38238754 |
| 3.92 | 2019-11-13T19:26:53.240Z                             | 35.6051667 | -117.4075 1    | .8km S of Trona, CA            | ci38242914 |
| 3.41 | 2019-11-20T06:42:23.430Z                             | 33.4996667 | -116.4581667 2 | 21km ESE of Anza, CA           | ci38253786 |
| 3.59 | 2019-11-26T00:06:03.190Z                             | 35.5663333 | -117.3526667 2 | 22km S of Trona, CA            | ci39206448 |
| 3.5  | 2019-11-28T23:10:59.710Z                             | 34.8751667 | -117.3905 2    | 7km ESE of Boron, CA           | ci39210040 |
| 3.72 | 2019-11-29T00:49:42.870Z                             | 35.7135    | -117.5686667 1 | 4km NE of Ridgecrest, CA       | ci39210096 |
| 3.04 | 2019-12-05T03:26:38.790Z                             | 33.93      | -117.8741667 3 | Bkm ENE of Brea, CA            | ci39217512 |
| 3.79 | 2019-12-05T08:55:31.650Z                             | 35.6966667 |                | Okm NE of Ridgecrest, CA       | ci39217768 |
| 3.22 | 2019-12-07T00:20:58.350Z                             | 33.5485    |                | 21km S of San Pedro, CA        | ci39220296 |
| 2.97 | 2019-12-12T09:56:27.660Z                             | 34.268     |                | lkm ENE of Lytle Creek, CA     | ci39227960 |
| 3.51 | 2019-12-12T11:13:40.800Z                             |            |                | .5km SW of Searles Valley, CA  | ci39228040 |
| 3.46 | 2019-12-16T14:06:50.110Z                             | 35.6168333 |                | .8km SSW of Searles Valley, CA | ci39232240 |
| 3.56 | 2019-12-16T22:15:58.560Z                             | 35.6716667 |                | .5km ENE of Ridgecrest, CA     | ci39232240 |
| 3.61 | 2019-12-10122:13:38:3602<br>2019-12-17T06:57:45.240Z |            |                | .4km NE of Ridgecrest, CA      | ci39232004 |
| J.U1 | 2013 12 1/100.3/.43.2402                             | 33.7103    | 111.010000 1   | I INTI INE OF MUSECHEST, CA    | 5133232330 |

| 3.84 | 2019-12-21T00:22:47.750Z | 35.6525    | -117.451 14km SSW of Searles Valley, CA     | ci39007775 |
|------|--------------------------|------------|---|------------|
| 3.91 | 2019-12-21T08:24:32.600Z | 35.6478333 | -117.4591667 14km SSW of Searles Valley, CA | ci39008311 |
| 3.74 | 2019-12-25T23:15:05.890Z | 32.9236667 | -119.1581667 48km SE of San Nicolas Is., CA | ci39013463 |
| 3.2  | 2019-12-28T17:23:32.020Z | 33.9266667 | -117.8765 2km ENE of Brea, CA               | ci39015759 |
| 3.16 | 2020-01-01T10:38:35.620Z | 33.8113333 | -117.6896667 11km ENE of North Tustin, CA   | ci39019703 |
| 4.03 | 2020-01-02T10:12:59.540Z | 33.9205    | -119.224 25km S of Port Hueneme, CA         | ci39020663 |
| 2.93 | 2020-01-05T16:28:14.050Z | 33.9268333 | -117.8748333 3km ENE of Brea, CA            | ci39024383 |
| 3.48 | 2020-01-08T16:11:18.170Z | 35.6776667 | -117.5473333 13km ENE of Ridgecrest, CA     | ci39028647 |
| 3.6  | 2020-01-22T07:41:10.790Z | 34.3005    | -118.4855 4km NNE of Granada Hills, CA      | ci39277736 |
| 4.62 | 2020-01-25T03:03:34.920Z | 35.0975    | -116.9696667 23km NNE of Barstow, CA        | ci39281440 |
| 3.64 | 2020-02-02T00:59:50.610Z | 33.5768333 | -116.8171667 14km W of Anza. CA             | ci39289384 |

STATE OF CALIFORNIA - CALIFORNIA NATURAL RESOURCES AGENCY

#### DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836 SACRAMENTO, CA 94236-0001 (916) 653-5791

June 3, 2020

Mr. David W. Pedersen, General Manager Las Virgenes Municipal Water District 4232 Las Virgenes Road Calabasas, California 91302

Westlake Reservoir Dam, No. 1073 Los Angeles County

Dear Mr. Pedersen:

Thank you for the surveillance data transmitted to the Division of Safety of Dams (DSOD) on February 28, 2020. DSOD collects this information to monitor ongoing conditions for dam safety in accordance with Division 3, Part 1, Chapter 4, sections 6101, and 6102.5(b) of the California Water Code. DSOD has reviewed the data and has no comments at this time.

Thank you for your cooperation. If you have any questions or need additional information, you may contact Field Engineer Everett Penn at (916) 565-7874 or me at (916) 565-7827.

Sincerely,

Rick Drauger

Rick G. Draeger, Regional Engineer Southern Region Field Engineering Branch Division of Safety of Dams













