



**RECLAMATION DISTRICT NO. 1000
BOARD OF TRUSTEES
REGULAR BOARD MEETING**

1633 GARDEN HIGHWAY
SACRAMENTO, CA 95833

**FRIDAY, FEBRUARY 11, 2022
8:00 A.M.**

WEB & TELEPHONE MEETING ONLY

MODIFIED BROWN ACT REQUIREMENTS IN LIGHT OF STATE OF EMERGENCY

In compliance with CA Assembly Bill 361, members of the Board of Trustees and members of the public will participate in this meeting by teleconference. The call-in information for the Board of Trustees and the public is as follows:

Join the meeting from your computer, tablet or smartphone.

<https://www.gotomeet.me/rd1000>

You can also dial in using your phone.

United States (Toll Free): [1 866 899 4679](tel:18668994679)

United States: [+1 \(571\) 317-3116](tel:+15713173116)

Access Code: 539-716-757

If you don't already have the GoToMeeting application downloaded, please allow yourself additional time prior to the meeting to install the free application on your computer, tablet, or smartphone. The application is not required to participate via phone.

Any member of the public on the telephone may speak during Public Comment or may email public comments to kking@rd1000.org and comments will be read from each member of the public. During this period of modified Brown Act Requirements, the District will use best efforts to swiftly resolve requests for reasonable modifications or accommodations with individuals with disabilities, consistent with the Americans with Disabilities Act, and resolving any doubt whatsoever in favor of accessibility. Requests for reasonable modifications under the ADA may be submitted to the email address noted above, or by phone directly to the District.

All items requiring a vote of the Board of Trustees will be performed as a roll call vote to ensure votes are heard and recorded correctly. In addition, the meeting will be recorded and participation in the meeting via GoToMeeting and/or phone will serve as the participants acknowledgment and consent of recordation.

1. PRELIMINARY

- 1.1. Call Meeting to Order
- 1.2. Roll Call
- 1.3. Approval of Agenda
- 1.4. Pledge of Allegiance
- 1.5. Conflict of Interest (*Any Agenda items that might be a conflict of interest to any Trustee should be identified at this time by the Trustee involved*)

2. PRESENTATIONS

- 2.1. No Scheduled Presentations

3. PUBLIC COMMENT (NON-AGENDA ITEMS)

Any person desiring to speak on a matter which is not scheduled on this agenda may do so under the Public Comments section. Speaker times are limited to three (3) minutes per person on any matter within RD 1000's jurisdiction, not on the Agenda.

Public comments on agenda or non-agenda items during the Board of Trustees meeting are for the purpose of informing the Board to assist Trustees in making decisions. Please address your comments to the President of the Board. The Board President will request responses from staff, if appropriate. Please be aware the California Government Code prohibits the Board from taking any immediate action on an item which does not appear on the agenda unless the item meets stringent statutory requirements (see California Government Code Section 54954.2 (a)).

Public comments during Board meetings are not for question and answers. Should you have questions, please do not ask them as part of your public comments to the Board. Answers will not be provided during Board meetings. Please present your questions to any member of RD 1000 staff via e-mail, telephone, letter, or in-person at a time other than during a Board meeting.

4. INFORMATIONAL ITEMS

- 4.1. **GENERAL MANAGER'S REPORT:** Update on activities since the January 2022 Board Meeting.
- 4.2. **OPERATIONS MANAGER'S REPORT:** Update on activities since the January 2022 Board Meeting.
- 4.3. **DISTRICT COUNSEL'S REPORT:** Update on activities since the January 2022 Board Meeting.

5. CONSENT CALENDAR

The Board considers all Consent Calendar items to be routine and will adopt them in one motion. There will be no discussion on these items before the Board votes on the motion, unless Trustees, staff or the public request specific items be discussed and/or removed from the Consent Calendar.

- 5.1. **APPROVAL OF MINUTES:** Approval of Minutes from January 14, 2022 Regular Board Meeting.
- 5.2. **TREASURER'S REPORT:** Approve Treasurer's Report for January 2022.
- 5.3. **EXPENDITURE REPORT:** Review and Accept Report for January 2022.
- 5.4. **BUDGET TO ACTUAL REPORT:** Review and Accept Report for January 2022.

AGENDA

*RD 1000 Board Meeting
February 11, 2022*

- 5.5. ASSEMBLY BILL 361: Review and Consider Adoption of Resolution No. 2022-02-01 - Proclaiming a Local Emergency, Ratifying the Covid-19 State of Emergency, and Authorizing Remote Teleconference Meetings of Reclamation District No. 1000 Pursuant to The Ralph M. Brown Act.
- 5.6. LOCAL HAZARD MITIGATION PLAN UPDATE: Review and Consider Adoption of Resolution No. 2022-02-02 – Adopting the Sacramento County Local Hazard Mitigation Plan Update.
- 5.7. WARRANT FOR FUND TRANSFER: Review and Consider Approval of Warrant for Transferring Funds between Investment Accounts.
- 5.8. RECEIVE AND FILE: Receive and File Sacramento County Annual Investment Policy of the Pooled Investment Fund – Calendar Year 2022.
- 5.9. ALTERATION & TEMPORARY USE AGREEMENT: Review and Consider Authorizing the General Manager to Execute an Alteration and Temporary Use Agreement with the Sacramento Area Flood Control Agency for District Facilities (Pumping Plants 1A & 1B).

6. SCHEDULED ITEMS

- 6.1. No Scheduled Items.

7. BOARD OF TRUSTEE’S COMMENTS/REPORTS

- 7.1. BOARD ACTIVITY UPDATES:

- 7.1.1. RD 1000 Committee Meetings Since Last Board Meeting

- Executive Committee (Gilbert & Lee Reeder) February 3, 2022

- 7.1.2. RD 1000 Committees No Meetings Since Last Board Meeting

- Finance Committee (Gilbert, Bains & Burns)
- Legal Committee (Avdis, Barandas & Gilbert)
- Operations Committee (Bains, Barandas & Burns)
- Personnel Committee (Jones, Bains & Barandas)
- Urbanization Committee (Lee Reeder, Burns & Jones)

8. CLOSED SESSION

- 8.1. No Scheduled Closed Session Items.

9. ADJOURN



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 4.1

TITLE: General Manager's Report – February 2022

SUBJECT: Update on Activities Since the January 2022 Board of Trustees Meeting

EXECUTIVE SUMMARY:

This Staff Report is intended to report the noteworthy activities and events of the District. Noteworthy activity from January 2022 included continued coordination on Natomas Levee Improvement Project with the United States Army USACE of Engineers, SAFCA and others, District Financial Plan Development, Coordination with the City of Sacramento on the Natomas Basin Interior Levee Re-Certification, Coordination with Consultants on SWIF Encroachment Remediation, Engineering Design on Pumping Plant 8, and Recruitment of Flood Operations Specialist. In summary, the District had a productive and successful month. Our key activities and achievements are presented below:

BACKGROUND:

1. Administration Services

- a. Human Resources
 - i. Recruitment of Flood Operations Specialist began November 1, 2021
 - ii. Interviews held on December 8, 2021
 - iii. Flood Operations Specialist I – John Chilton started with the District on February 1, 2022.
- b. Fiscal Year 2021-2022 Budget
 - i. Budget approved on June 11, 2021 at the Board of Trustees meeting.
- c. Comprehensive Financial Plan
 - i. Worked with NBS to prepare draft Comprehensive Financial Plan for review by Finance Committee. Draft report was presented to the Board in December 2020. Staff received comments and worked with NBS to revise the report. A final draft was presented to the Finance Committee on January 5, 2021.
 - ii. The Board of Trustees approved the Financial Plan at the January 2021 Regular Meeting and directed staff to work on developing a scope of work for Phase 2.
 - iii. The District worked with NBS to develop Phase 2 of the Financial Plan; the Board of Trustees approved the Professional Services Agreement (PSA) with NBS on March 12, 2021 for Phase 2.
 - iv. GM King executed the PSA with NBS on May 4, 2021.
 - v. Phase 2 Kickoff Meeting occurred in June 2021.

TITLE: General Manager's Report – February 2022

- vi. Held team meeting with NBS on September 1, 2021, to discuss progress on Phase 2.1.
- vii. Check-in call to review Report 1st draft scheduled on September 22 has been rescheduled to October 6 to allow NBS more time to prepare the report.
- viii. District received the draft Phase 2.1 Report from NBS on November 19, 2021. Finance Committee reviewed the Phase 2.1 Report on November 23, 2021.
- ix. Board approved Phase 2.1 and Authorized GM to proceed with Phase 2.2 on December 10, 2021.
- x. Phase 2.2 1st Draft is due to the District on February 28, 2022.

2. District Operations

a. Routine Operations & Maintenance:

- i. District Crews continue to perform routine maintenance and operations of the District's infrastructure. See Agenda Item 4.2 for information regarding activities performed in January 2021.

3. Capital Improvement Projects

a. CIP Update

- i. District entered into Professional Services Agreement with KSN, Inc. on November 12, 2019. A kickoff meeting was held on December 2, 2019.
- ii. Condition Assessment and Facility Inventory finalized in December 2019.
- iii. KSN prepared Draft Final Report and presented the aforementioned report to the Board of Trustees on June 12, 2020.
- iv. On August 14, 2020, the Board of Trustees adopted the Capital Improvement Plan Update with minor revisions to the draft presented. The Final adopted CIP was provided to the Board on September 11, 2020.
- v. Staff met with KSN in April to discuss a Scope of Services for pre-engineering work for planned Capital Improvement Projects for Fiscal Year 2021/2022.
- vi. KSN is currently working on Pumping Plant #8 Preliminary Design and construction phasing plan.

4. Natomas Levee Improvement Projects

The Corps continues to work with the State and SAFCA to identify borrow sources. A new site near the Sacramento Regional Sanitation District treatment plant has been identified as well as potential borrow from the Sutter Pointe development that is breaking ground in 2022; the Corps and SAFCA are coordinating on testing/permits. SAFCA is also in negotiations with the Brookfield property in Sutter County which could yield additional borrow. The Corps continues with steps necessary for material from their Lower American River bank protection sites but the material from a levee site in the Pocket area is no longer viable. Also, the Corps is unlikely to authorize using commercial borrow for Reach

TITLE: General Manager's Report – February 2022

A due to cost. The Corps is evaluating needs for each Reach and available sources to minimize delays and maximize efficiency.

a. Reach A

- i. The Contract was awarded on September 23 to Ahtna-Great Lakes (joint venture) for the base contract. Construction is still scheduled to commence in 2022 for three years.
- ii. Work at Plants 1A and 1B are options for Reach A contract to be awarded following resolution of an issue the Corps has with the SAFCA/RD 1000 agreement for work at Plant 1. The District is working with SAFCA and Corps Counsel to resolve the issue and ensure Plant 1A and 1B are operational during the flood season throughout the project.
- iii. Tree removal work started in November and will be completed in February. SAFCA/State continue coordinating with the Corps on SMUD, AT&T and PGE relocations.

b. Reach B

- i. Construction continued on Reach B including relocation of the Riverside Canal and replacement of other Natomas Water Company facilities. The Corps is working on logistics to have borrow material for Reach B to be delivered on site in 2022 from work on the Lower American River bank protection sites being done by the Corps. The Corps is evaluating whether to continue the current contract or award a new contract when the borrow material is delivered and available.
- ii. Work at Plant 3 was impacted by the current weather conditions delaying completion. District staff has been coordinating with Corps Project Management team to monitor construction on outfall, discharge pipes, pumps and electrical to get plant operational. Current schedule is to have Plant 3 operational by mid February 2022. Garden Highway closure between San Juan Rd and Powerline Rd is expected to re-open April 2022.
- iii. Construction at the I-5 window crossing the Sacramento River south of Bayou Road consists of levee widening, construction of a seepage berm on the landside, and intersection modifications for North Bayou Way and Garden Highway. The contractor has winterized the site with coordination from District field staff. The Corps is evaluating the current contract as it relates to contractor selection for project completion next year.

c. Reach C

- i. The Reach C project is complete, and the District is providing the operation and maintenance.

d. Reach D

- i. The reconstruction of Pumping Plant 4, discharge pipes and outfall structure has entered month 10. The plant will be non-operational this flood season as the electrical protection equipment procurement is 36

TITLE: General Manager's Report – February 2022

weeks from the order date of 2/14/21. Completion target date of Plant 4 is December 2022.

- ii. The Corps is working on the package to turn the previously completed levee improvements in Reach D over to the non-federal sponsors (and RD 1000) though the District has effectively taken over the O&M of the levee.
- e. Reach E
- i. The State, SAFCA and RD 1000 continue to work with the design team to resolve issues as the Corps works on the 100% plans which have been delayed to the end of February. The scheduled “plans in hand meeting” for early 2022 was canceled due to travel safety concerns. Currently, the proposed borrow site is the Kaufman property adjacent to the project. Critical issue continues to be securing right of way and coordination with PG&E to move their utility lines outside the proposed levee construction. The current scheduled contract award date is July 2022 with construction in 2023 and 2024.
 - ii. SAFCA and State DWR have initiated right of way acquisition based on the ROW Take letter from the Corps issued in July. Appraisals have been completed and offers made. SAFCA anticipates at least one property will go to eminent domain which could impact the contract award. SAFCA is also negotiating with the Brookfield site for a full take which could provide sufficient borrow for the remainder of the Natomas project.
- f. Reach F
- i. The Corps completed the 65% design work in December 2021 and the District, SAFCA and State provided comments in January. The Corps is reviewing the comments as they work on 100% plans to be completed in May 2022.
 - ii. State and SAFCA continue working with the Corps on key issues affecting design; particularly the proposed takes on properties with existing structures, the work near Pumping Plant No. 6 and a borrow source. A portion of the borrow is proposed from the Kaufmann site sharing with Reach E. There is a deficit of 250,000 cy needed to complete Reach F and G. The material from the Sutter Pointe project or potentially from Brookfield could be used for this reach. Contract Award still scheduled for 2022 and construction in 2023 and 2024 if a borrow site can be identified.
- g. Reach G
- i. See notes above for Reach F as Reaches F and G are combined into a single design and construction contract.
- h. Reach H
- i. The Corps is processing the contract modification to complete the fence relocations, patrol road and I-80 berm. SAFCA continues acquisition of rights needed to complete patrol road and fence relocations. This project will continue through 2022 as these contract modifications are negotiated

TITLE: General Manager's Report – February 2022

and rights of way acquired. Paving has been completed from the Arden/Garden Connector to Pump Plant #8.

i. Reach I

- i. Construction of the cutoff wall has been completed and project finalization and turnover to SAFCA and the District is in progress. A final construction report has been submitted for SAFCA and the District to review.
- ii. Design for the Reach I Contract 2 to construct a patrol / maintenance road and perform levee slope flattening has been completed. SAFCA is working on real estate acquisition and coordination with utilities for relocation. Contract for tree removal was awarded in January 2022 for public parcels pending right of way acquisition; trees on private parcels will be removed in late 2022. The levee construction is scheduled to be done in 2023.

j. Other Projects

- i. Plant 5 replacement—Design for Plant 5 replacement has been delayed to 2022 due to lack of funding. Corps is coordinating with SAFCA on the designer selection
- ii. Highway 99 Window – HDR Engineers are doing the design for the closure of the Highway 99 crossing gap at the Natomas Cross Canal. The 65% plans have been completed and are under review. The proposed fix is a slurry wall across the freeway lanes from the top of the levee which will require partial closures on Highway 99 across the Cross Canal. The Value Engineering study was completed in January 2021 with no significant changes recommended. The schedule is to award the contract in 2023.

5. Miscellaneous

a. DWR Flood Maintenance Assistance Program (FMAP)

- i. District was notified by DWR of approval of FMAP funds for 2021/2022. District will receive \$792K in award in FY 2021/2022.
- ii. General Manager King signed the FMAP 2021/2022 Funding Agreement and submitted to DWR on October 7.
- iii. Funding Agreement for FY 2021/2022 was executed on March 23, 2021.
- iv. District submitted an application for FMAP 2022/2023 funds on May 28, 2021.
- v. GM King awarded construction contract to Emerald Site Services on September 3, 2021 for Vegetation Removal. Emerald was the sole respondent to the District's Request for Proposals, as has been the case in the two previous FMAP Grants.
- vi. Vegetation Removal has been completed for FMAP FY 2021/2022.
- vii. General Manager King signed the Funding Agreement for FMAP FY2022/2023 on November 4, 2021.

b. Sacramento Area Flood Control Agency (SAFCA)

- i. Board Meeting – January 20, 2022 (Attachment 1)

TITLE: General Manager's Report – February 2022

c. System Wide Improvement Framework (SWIF)

- i. The District submitted a revised SWIF to the Central Valley Flood Protection Board and the United States Army USACE of Engineers on August 31, 2020, awaiting approval.
- ii. Board of Trustees approved outreach Scope of Services with Allen Strategic in November 2021. GM King is working with Allen Strategic to implement the outreach before the end of the year, with an initial letter out to Garden Highway property owners with encroachments that need to be corrected in 2022.
- iii. Letter to 92 Property Owners along Garden Highway was mailed on January 21, 2022. (Attachment 2)
- iv. The District will be holding a Public Outreach Meeting with the Property Owners on February 23, 2022, to collaborate and discuss abatement measures.

d. Natomas Basin Hydraulic Model

- i. Board of Trustees approved contract with CESI on October 9, 2020.
- ii. District held kick-off meeting on February 3, 2021.
- iii. GM King is coordinating with City and County on funding agreement. City approved the agreement in April 2021 and Sacramento County approved the agreement on May 4, 2021. GM King is working to collect signatures to execute the agreement and subsequently invoice the City and County respectively.
- iv. Project Update as provided by CESI on January 18:

“Briefly, a lot of progress has been made on the model, and it is probably ready for the next steps, after M&H gets to see the latest results and how we have incorporated some of the items they have been requesting. One issue that does affect things down around the City is how we handle the boundary condition that drives flows at the Pleasant Grove Canal Area Culverts - we are still working on a solution for this. Holding the exterior elevations at the BFE works and is conservative at pump locations, but at this location would way over-estimate the amount of flood flows that could pass through these culverts. We are trying to incorporate stages from the MBK analysis but it uses a different event and timing so we haven't quite got this working yet. Other than that we have the other items discussed with M&H incorporated, and running stable”

e. CSDA

- i. January Take Action Brief (Attachment 3)
- ii. 2022 Special District Leadership Academy Conference (Attachment 4)

TITLE: General Manager's Report – February 2022

ATTACHMENTS:

1. SAFCA Board Meeting – January 20, 2022
2. SWIF Letter to Select Garden Highway Property Owners – January 21, 2022
3. CSDA Take Action Brief January 2022
4. CSDA 2022 Special District Leadership Academy Conference

STAFF RESPONSIBLE FOR REPORT:



Kevin L. King, General Manager

Date: 02/04/2022



Board of Directors Action Summary of January 20, 2022 - 3:00 PM

WEBEX MEETING

Directors/Alternates Present: Avdis, Conant, Desmond, Frost, Harris, Holloway, Jennings, Kennedy, Nottoli, Lee Reeder, Serna, Shah

Directors Absent: Ashby

ROLL CALL

PUBLIC COMMENTS

ELECTION OF OFFICIERS

1. Election of Officers for the SAFCA Board of Directors for 2022 (Goldberg)

Motion by Director Harris and seconded by Director Desmond, nominating Director Kennedy for Chair of the SAFCA Board for 2022.

AYES: Avdis, Conant, Desmond, Frost, Harris, Holloway, Jennings, Kennedy, Nottoli, Reeder, Serna, and Shah

NOES: (None)

ABSTAIN: (None)

RECUSE: (None)

ABSENT: Ashby

Motion by Director Desmond and seconded by Director Avdis, nominating Director Harris for Vice Chair of the SAFCA Board for 2022.

AYES: Avdis, Conant, Desmond, Frost, Harris, Holloway, Jennings, Kennedy, Nottoli, Reeder, Serna, and Shah
NOES: (None)
ABSTAIN: (None)
RECUSE: (None)
ABSENT: Ashby

EXECUTIVE DIRECTOR'S REPORT

2. Information - Executive Director's Report for January 20, 2022 (Johnson)

**Government Code Section 54956.8 - Conference with Real Property Negotiators.
Property: Sutter County, CA APN: 35-080-032
Agency Negotiators: Richard M. Johnson, Jason D. Campbell, Jeremy D. Goldberg, John A. Bassett, Matt DeGroot
Negotiating Party: J. Rise Richter, John Norman on behalf of Brookfield Properties Development
Under Negotiation: Price and terms of payment**

No action was taken, nothing to report at this time

**Government Code Section 54956.8 - Conference with Real Property Negotiators.
Property: 6001 Natomas Road, Pleasant Grove, CA 95668. Sutter County APN: 35-080-022
Agency Negotiators: Richard M. Johnson, Jason D. Campbell, Jeremy D. Goldberg, John A. Bassett, Matt DeGroot
Negotiating Party: Leland C. Linn
Under Negotiation: Price and terms of payment**

No action was taken, nothing to report at this time

**Government Code Section 54956.8 - Conference with Real Property Negotiators.
Property: 5999 Natomas Road, Pleasant Grove, CA 95668. Sutter County APNs: 35-120-003, 35-120-007
Agency Negotiators: Richard M. Johnson, Jason D. Campbell, Jeremy D. Goldberg, John A. Bassett, Matt DeGroot
Negotiating Party: Robert Leal, on behalf of Odysseus Farms
Under Negotiation: Price and terms of payment**

No action was taken, nothing to report at this time,

**Government Code Section 54956.8 - Conference with Real Property Negotiators.
Property: 2245 Orchard Lane, Sacramento, CA 95833. Sacramento County
APNs: 274-0270-007, 274-0560-048, 274-0560-054
Agency Negotiators: Richard M. Johnson, Jason D. Campbell, Jeremy D.
Goldberg, John A. Bassett, Matt DeGroot
Negotiating Party: Mark Wellendorf, Brian Manning, Esq. on behalf of Swallows
Nest Homeowners Association
Under Negotiation: Price and terms of payment**

No action was taken, nothing to report at this time.

CONSENT MATTERS

Motion by Director Holloway and seconded by Director Shah to approve Resolution Nos. 2022-001; 2022-002; 2022-003; 2022-004; 2022-005; 2022-006; and 2022-007 of Consent Matters.

- AYES: Avdis, Desmond, Frost, Harris, Holloway, Jennings, Kennedy, Nottoli, Reeder, Serna, and Shah
- NOES: (None)
- ABSTAIN: (None)
- RECUSE: (None)
- ABSENT: Ashby, Conant

3. Approving the Action Summary for December 16, 2021 (Russell)

4. Resolution No. 2022-001 - Proclaiming a Local Emergency Persists, Ratifying the COVID-19 State of Emergency, and Authorizing Remote Teleconference Meetings of the Sacramento Area Flood Control Agency Board of Directors Pursuant to the Ralph M. Brown Act (Goldberg)

5. Resolution No. 2022-002 - Approving Position Class Specification for Associate Planner and Modifying the Position Allocation List (Campbell)

6. Resolution No. 2022-003 - Considering the Final Supplemental Environmental Assessment/Environmental Impact Report for the American River Common Features 2016, American River Contract 2 Project as a Responsible Agency, Adopting the Mitigation Monitoring and Reporting Program, Adopting the Findings and Statement of Overriding Considerations as Adopted by the Central Valley Flood Protection Board, and Approving the Project (Saucier)

7. Resolution No. 2022-004 - Considering the Final Supplemental Environmental Assessment/Environmental Impact Report for the American River Common Features 2016, Sacramento River East Levee Contract 3 Project as a Responsible Agency, Adopting the Mitigation Monitoring and Reporting Program, Adopting the Findings and Statement of Overriding Considerations as Adopted by the Central Valley Flood Protection Board, and Approving the Project (Saucier)

8. Resolution No. 2022-005 - Considering the Final Supplemental Environmental Impact Statement/Environmental Impact Report for the American River Common Features 2016, Sacramento Weir Widening Project as a Responsible Agency, Adopting the Mitigation Monitoring and Reporting Program, Adopting the Findings and Statement of Overriding Considerations as Adopted by the Central Valley Flood Protection Board, and Approving the Project (Saucier)

9. Resolution No. 2022-006 - Authorizing the Executive Director to Prepare and Submit a Grant Application and Related Materials for the American River Forecast-Informed Reservoir Operations Project Study (Bardini).

10. Resolution No. 2022-007 - Amending the Executive Director's Delegated Authority Related to Real Estate Transactions (Johnson)

SEPARATE MATTERS

11. Resolution No. 2022-008 - Fixing the Employer Contribution Under the Public Employees' Medical and Hospital Care Act at an Equal Amount for Employees and Annuitants (Campbell)

Motion by Director Serna and seconded by Director Holloway to approve to approve Resolution No. 2022-008.

AYES: Desmond, Harris, Hedges, Holloway, Jennings, Kennedy, Reeder, Serna, and Shah
 NOES: (None)
 ABSTAIN: (None)
 RECUSE: (None)
 ABSENT: Ashby, Avdis, Conant, Nottoli

RECIEVE AND FILE

12. Information - Fiscal Year 2021-22 Audited Financial Statements (Campbell)
13. Information - Calendar Year 2022 Investment Policy for the Pooled Investment Fund (Campbell)
14. Report of Construction Contract Change Orders Issued Under Delegated Authority for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
15. Report of Insurance Claims Settled Under Delegated Authority for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
16. Report of Professional Services Agreements Issued Under Delegated Authority for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
17. Status Reports of Environmental Consulting Master Services Agreements for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
18. Report of Real Property Transaction Where Just Compensation is Less than \$500,000 Executed Under Delegated Authority for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
19. Status Reports of Right of Way Consulting Master Services Agreements for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
20. Report of California Uniform Public Construction Cost Accounting Act (CUPCCAA) Contracts Issued Under Delegated Authority for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
21. Status Reports of Flood Risk Management Planning Master Services Agreements for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
22. Status Reports of Land Survey and Mapping Master Services Agreements for the Second Quarter, Fiscal Year 2021-22 (Goldberg)
23. Report of Real Property Transactions Where Just Compensation is More Than \$500,000 Up to \$1,000,000 Executed Under Delegated Authority During

California Executive Order N-25-20 (Covid-19) for the First Quarter, Fiscal Year
2021-22 (Goldberg)

ADJOURN

Respectfully submitted,
Lyndee Russell



January 21, 2022

TO: Garden Highway Residents & Property Owners

FR: Kevin King, General Manager, Reclamation District No. 1000 (RD1000)

RE: Notice of Landscape Abatement

I am contacting you about an important project that will have a direct impact on your property along the Garden Highway.

As you may be aware, RD1000 is your local agency responsible for the flood prevention necessary to protect you, your family and property. In keeping with that mission, RD1000 has been engaged in a number of capital projects to improve and repair our flood protection infrastructure – especially those essential to our levee system.

This effort – known as the *System-Wide Improvement Framework (SWIF)* – is a comprehensive review and plan to ensure the levee system meets state and FEMA standards for flood protection.

The federal government requires that RD1000 be able to visually monitor/inspect our levees for damage or problems that create risk for people and property.

Upon completion of a survey performed in 2021, RD1000 identified approximately 100 properties along the Garden Highway where it is not possible for RD1000 to comply with these requirements. Fortunately, most of the issues are related to vegetation, namely overgrown bushes, trees, and shrubs that block our view and access to the levees. In order for RD1000 to come into compliance, the vegetation needs to be abated.

The SWIF process has identified your property as a priority for correction.

While I recognize you may have concerns related to how such landscaping changes may cost and impact your property, it is important to understand this is not optional – it is a federally-mandated requirement. Failure to comply would be considered an infraction and may result in steep financial penalties for you and RD1000.

The good news is that RD1000 has been able to secure funding to pay for abatement costs associated with your property. This could save property owners a considerable amount of money.

RD1000 will be sending additional mailers and holding a virtual public meeting for impacted property owners on **February 23, 2022 at 6:00 p.m.** Please join us via GoToMeeting

Please join the meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/635967581>

You can also dial in using your phone.

United States (Toll Free): [1 866 899 4679](tel:18668994679)

United States: [+1 \(571\) 317-3116](tel:+15713173116)

Access Code: 635-967-581

RD1000 will begin removal of the visual impairments on June 1, 2022 and must be completed by December 1, 2022.

We look forward to working with you to mitigate the impact on your property. Should you have any questions prior to the public meeting in February, we would be happy to discuss the program, so please reach out to us at swif@rd1000.org

Thank you in advance for your cooperation.

Sincerely,

Reclamation District 1000



Kevin L. King
General Manager



January 2022

On January 3, the California State Legislature reconvened for the second year of the two-year biennial Legislative Session in the midst of another COVID-19 surge. In addition to continuing to respond to the pandemic, the Governor’s State Budget proposal and numerous bill deadlines are forthcoming. Chief among them being the January 31 house of origin deadline for two-year bills.

Allocations from the CSDA-sponsored \$100 million COVID-19 Independent Special District Relief Fund are due to recipients by January 15. This relief from California’s General Fund, approved by the Governor and State Legislature as part of the 2021-22 State Budget is directed to special districts otherwise left out of COVID-19 relief funding and is intended to complement other sources of relief including funding for utility arrearages and ports and harbors.

In the coming year, CSDA will keep fighting for special districts and the communities they serve in a number of key areas, including:

- **Funding climate adaptation and resilience**
 - Confronting drought, wildfire, flooding, and emissions
- **Putting infrastructure funding to work**
 - Promoting efficient and responsible stewardship of public funds
- **Supporting increased local services to support increased housing**
 - Enhancing, not limiting, local funding tools for growing communities
- **Building and equipping a sustainable and specialized workforce**
 - Ensuring today’s frontline workers have the skills our communities need
- **Safeguarding our communities’ assets from cyber threats**
 - Deploying critical cybersecurity resources, tools, and trainings

Inside this edition of the Take Action Brief:

COVID-19 Special District Relief Funds Allocated to Communities in Need.....2

Contractor Registration Penalties.....4

Federal Infrastructure Package Resources, Webinar, and ‘Project Idea Portal’.....5

Virtual Special Districts Tour Highlights Leaders in Climate Adaptation and Resilience.....6

LAFCOs Propose Changes to Extension of Services Exemptions.....7

CA Supreme Court Rules that Property Owners are not Required to Object to Prop 218 Fees and Charges at a Public Hearing to File Suit.....9

Contact a local CSDA representative near you!

Chris Norden	Northern Network	chrisn@csgda.net
Dane Wadlé	Sierra Network	danew@csgda.net
Colleen Haley	Bay Area Network	colleenh@csgda.net
Cole Karr	Central Network	colek@csgda.net
Charlotte Holifield	Coastal Network	charlotteh@csgda.net
Chris Palmer	Southern Network	chrisp@csgda.net



➤ COVID-19 RELIEF FUNDING

CSDA's advocacy action priority is to work with the Administration, various state agencies, and the federal government to ensure special districts receive equitable access to COVID-19 relief funding should it become available.

COVID-19 Special District Relief Funds Allocated to Communities in Need

After over a year of hard work on your behalf, and in coordination with individual special districts, stakeholders, and local government partners, the robust effort to obtain COVID-19 fiscal relief is coming to a close, with special districts beginning to receive critical funds to meet the needs of the communities they serve. Below is a recap of the various funds and the status of allocations.

\$100 MILLION COVID-19 RELIEF FUND FOR INDEPENDENT SPECIAL DISTRICTS THAT CAN DEMONSTRATE FISCAL IMPACTS DUE TO THE COVID-19 PUBLIC HEALTH EMERGENCY

- The California Department of Finance (DOF) released the schedule of funding to the State Controller's Office (SCO) in December, the SCO released funding to county-auditor controllers by December 15 and DOF notified special districts who had applied as to their status at that time. Per statute, county-auditor controllers have 30 days to disperse the funding to the identified districts. The list of independent special district awardees is available on the [CSDA COVID-19 Take Action page](#).
- For questions regarding allocations, email SDrelief@dof.ca.gov
- CSDA has provided a "Thank Your Legislator Toolkit" for special districts who received funding. These resources are available for download on the [CSDA COVID-19 Take Action page](#) and include sample social media posts, a template thank you letter, press release, and guidelines for submitting letters to the editor.

As you may know, CSDA secured these funds statewide for independent districts like yours. Our advocacy efforts included:

- Building a statewide coalition of over 750 signatories.
- Conducting over 100 meetings with State Legislators and their staff.
- Holding more than 60 meetings with Administration officials, DOF, committee staff, and Legislative leadership.
- Bringing forward over 200 special district officials to tell their stories following a prep session with CSDA.

NEARLY \$1 BILLION IN WATER UTILITY HOUSEHOLD ASSISTANCE

The deadline for application of the California Water and Wastewater Arrearage Payment Program has closed. Through \$985 million in federal funding allocated by the State Legislature, the State Water Board administered a new program to provide relief to community water and wastewater systems for unpaid bills related to the pandemic. The funding covers water debt from residential and commercial customers accrued between March 4, 2020 and June 15, 2021 and initially prioritized drinking water residential and commercial arrearages. Funding to these community water systems will be disbursed through January 31, 2022.



.....

If the Program still has funding available, which is anticipated, the program will be extended to wastewater residential and commercial arrearages by February 2022. More information is available on the State Water Board's website for this fund [here](#).

NEARLY \$1 BILLION IN ENERGY UTILITY HOUSEHOLD ASSISTANCE.

The California Arrearage Payment Program (CAPP) offers financial assistance for California energy utility customers to help reduce past due energy bill balances that increased during the COVID-19 pandemic. Established by Governor Gavin Newsom and the California Legislature in the 2021-22 State Budget and administered by the Department of Community Services and Development (CSD), the CAPP program dedicates \$1 billion in federal American Rescue Plan Act funding to address Californian's energy debts. Utility customers do not need to apply to receive assistance under the CAPP program. If a customer account is eligible, a credit will be automatically applied to the customer's bill. Energy utilities will apply for CAPP assistance on behalf of customers who incurred a past due balance of 60 days or more on their energy bill during the COVID-19 pandemic relief period covering March 4, 2020 through June 15, 2021. More information on the status of this program is available on [CSD's website for this fund](#).

This program is administrated in four phases:

- Phase 1: Utility Survey – Completed
- Phase 2: CAPP Application - In Progress
- Phase 3: CAPP Allocations Awarded - In Progress
- Phase 4: Utility Outcomes Reporting – Not yet started

\$250 MILLION IN ECONOMIC ASSISTANCE CALIFORNIA'S PUBLIC PORTS.

The California State Lands Commission (SLC) authorized disbursement of roughly \$136 million from the \$250M allocated in the state budget to six California ports to mitigate negative economic impacts resulting from the pandemic and to support ports' economic recovery based on their revenue losses resulting from the COVID-19 pandemic. Ports that either did not apply during this disbursement tranche, or that received an amount less than their requested amount, may reapply for the roughly \$113 million in remaining funding and the Commission will consider those funding requests at a future meeting. The Board memo with complete details on these distributions can be found [here](#).

CSDA THANKS YOU

None of these remarkable accomplishments to secure financial resources for special districts would have been possible without the support of special districts like yours through membership and your willingness to engage in advocacy efforts on behalf of your communities. On behalf of the special district community, CSDA thanks the 259 special districts that submitted letters of support, more than 200 special district leaders who participated in our Zoom meetings with legislative offices, and the [many coalition partners](#) who came together for this unprecedented moment.



➤ INFRASTRUCTURE, INNOVATION, AND INVESTMENT

CSDA's long range policy principal regarding infrastructure, innovation, and investment is to encourage prudent planning for investment and maintenance of innovative long-term infrastructure. CSDA supports the development of fiscal tools and incentives to assist special districts in their efforts to meet California's changing demands, ensuring the efficient and effective delivery of core local services.

Contractor Registration Penalties

CSDA has received input that some local agencies acting in good faith have incurred penalties from the Department of Industrial Relations (DIR) for having unregistered subcontractors on their projects that were:

- Unknown to the agency and not required "listed" contractors on the project under the Public Contracting Code;
- Discovered as soon as possible and immediately ordered off the project until registration is achieved; and
- The violation was self-reported by the local agency to DIR.

Punishing local agencies for self-reporting violations seemingly runs counter to the intent of the law.

Is your agency affected? CSDA needs to know the scope of the problem.

- 1) **Has your agency experienced a fine for a violation as noted above?**
- 2) **What is the process by which your agency screens for changes in contractors/registration status and is able to discover unregistered subcontractors?**
- 3) **Does your agency know of alternative solutions that do not require statutory changes, such as employing indemnification provisions within its contracts that address this specific situation?**

Please provide feedback to CSDA Legislative Representative Alyssa Silhi by emailing alysas@csda.net

Background

- Section 21 of SB 96 (Chapter 28, 2017) amended Section 1773.3 of the Labor Code to require an awarding agency to provide notice to DIR within 30 days and never later than the first day in which a contractor has workers employed upon the public work of any public works contract.
- An awarding agency that fails to provide the notice required or that enters into a contract with or permits an unregistered contractor or subcontractor to engage in the performance of any public work in violation of the requirements is subject to a civil penalty of one hundred dollars (\$100) for each day in violation of either requirement, not to exceed an aggregate penalty of ten thousand dollars (\$10,000) for each project.
- An awarding agency must withhold final payment due to the contractor until at least 30 days after all of the required information has been submitted, including a complete list of all subcontractors. If an awarding agency makes a final payment to a contractor after that time and an unregistered contractor or subcontractor is found to have worked on the project, the awarding agency is subject to a civil penalty assessed by the Labor Commissioner of one hundred dollars (\$100) for each full calendar day of noncompliance.



Federal Infrastructure Package Resources, Webinar, and ‘Project Idea Portal’

The National Special Districts Coalition (NSDC) has published a special report outlining newly authorized and updated programs included in the Infrastructure Investment and Jobs Act (IIJA) and launched a “Project Idea Portal” to help CSDA members identify funding opportunities. NSDC will host a webinar for members next month to provide an overview of IIJA.

NSDC Special Report

The [NSDC special report](#) includes brief summaries of IIJA’s 45 new federal programs and details 36 programs the law revised/updated.

Each summary serves as a grant profile provided by CSDA business affiliate The Ferguson Group (TFG), which offers a [suite of grant services](#) to Coalition members. As many of IIJA’s programs are in the development process, the guide provides advanced details for special districts to identify potential funding sources and prepare to act once application periods open.

NSDC Webinar

NSDC’s advocacy team will host a webinar covering IIJA and provide a deeper dive into key programs outlined in the special report. CSDA members are invited to join to learn more about programs of interest and engage in Q&A.

Live Zoom Webinar
Wednesday, February 23, 2022
Noon – 1:30 p.m. PT
[Reserve your attendance today](#)

NSDC “Project Idea Portal” for Federal Funding Opportunities

In partnership with TFG, NSDC has established a “[project idea portal](#)” for districts to submit projects for which federal funding opportunities are sought.

CSDA members are welcome to submit details of a project via the webform and TFG’s grants team will work with the district to identify and apply for open grants.

Contact Cole Karr, NSDC and CSDA Federal Advocacy Coordinator, for more information at colek@csda.net.



Virtual Special Districts Tour Highlights Leaders in Climate Adaptation and Resilience

On December 7, 2021, dozens of policymakers from Sacramento and Washington D.C. participated virtually in a live tour of three special districts at the forefront of climate adaptation and resilience. The 90-minute tour organized by CSDA highlighted special districts taking on droughts and flooding with new technology, protecting lives and property in the wildland urban interface, and paving the way to zero emissions bus fleets. **The full tour, along with five-minute videos overviewing the three featured special districts, is now available at csda.net/specialdistricttour.**

The 2021 virtual tour demonstrated how special districts are empowering communities to meet some of California’s biggest challenges. The three featured special districts included:

- **[Sonoma Water](#)**: Preparing for Atmospheric Rivers, Preventing Flooding, and Managing Water Resources by Piloting a Next-Generation Radar System Through a Multi-Agency Effort
- **[Paradise Recreation and Park District](#)**: Reimagining Community Safety and Wellbeing within the Wildland Urban Interface, and Facilitating Responsible Housing, by Integrating Parkland as Essential Natural Infrastructure
- **[AC Transit](#)**: Leading the Way to a 2040 Zero Emission Bus Fleet Through Workforce Training, Data Integration, and Deployment of Fuel Cell and Battery Electric Transportation

In addition to video overviews of leading-edge projects, the recorded virtual tour includes presentations from Sonoma Water General Manager Grant Davis, Paradise Recreation and Park District Manager Dan Efseaff, and AC Transit Legislative Affairs and Community Relations Director Claudia Burgos.

CSDA is pleased to share this virtual tour with special district officials and other decisionmakers interested in learning more from local service specialists confronting drought, wildfire, flooding, and emissions. A [participant packet](#) is also available for download and review.



➤ GOVERNANCE AND ACCOUNTABILITY

CSDA's long range policy priority on governance and accountability is to enhance special districts' ability to govern as independent, local government bodies in an open and accessible manner. Encourage best practices that avoid burdensome, costly, redundant, or one-size-fits all approaches. Protect meaningful public participation in local agency formations, dissolutions, and reorganizations, and ensure local services meet the unique needs, priorities, and preference of each community

LAFCOs Propose Changes to Extension of Services Exemptions

The California Association of Local Agency Formation Commissions (CALAFCO) and the San Diego County Local Agency Formation Commission are floating new legislation to amend a long-standing series of exemptions to the Cortese-Knox-Hertzberg act of 2000 regarding the extension of services by contract or agreement outside jurisdictional boundary. CSDA seeks your input and feedback in assessing and responding to the draft proposal.

Specifically, this proposal would seek to amend [GC 56133\(e\)](#), a code section which deals with extension of services beyond an agency(ie)'s boundaries but has exceptions, such as where two public agencies contract for like services, among others.

This proposal would require a local agency, including a special district or city, seeking to use the exception in the code to instead obtain a legal determination from their LAFCO (Executive Officer and/or Commission) as to whether the statutory exemption applies to that agency(ie)'s situation.

How the proposal might look. The below is existing law with the proposed amendment in italics and bold:

Government Code Section 56133.

- (a) A city or district may provide new or extended services by contract or agreement outside its jurisdictional boundary only if it first requests and receives written approval from the commission.
- (b) The commission may authorize a city or district to provide new or extended services outside its jurisdictional boundary but within its sphere of influence in anticipation of a later change of organization.
- (c) The commission may authorize a city or district to provide new or extended services outside its jurisdictional boundary and outside its sphere of influence to respond to an existing or impending threat to the health or safety of the public or the residents of the affected territory, if both of the following requirements are met:
 - (1) The entity applying for approval has provided the commission with documentation of a threat to the health and safety of the public or the affected residents.
 - (2) The commission has notified any alternate service provider, including any water corporation as defined in Section 241 of the Public Utilities Code, that has filed a map and a statement of its service capabilities with the commission.
- (d) The executive officer, within 30 days of receipt of a request for approval by a city or district to extend services outside its jurisdictional boundary, shall determine whether the request is complete and acceptable for filing or whether the request is incomplete. If a request is determined not to be complete, the executive officer shall immediately transmit that determination to the requester, specifying those parts of the request that are incomplete and the manner in which they can be made complete. When the request is deemed complete, the executive officer shall place the request on the agenda of the next commission meeting for which adequate notice can be given but not more than 90 days from the date that the request is deemed complete, unless the commission has delegated approval of requests made pursuant to this section to the executive officer. The commission or executive officer shall approve, disapprove, or approve with conditions the extended services. If the new or extended services are disapproved or approved with conditions, the applicant may request reconsideration, citing the reasons for reconsideration.
- (e) This section does not apply to any of the following: ***(Insert: "as determined by the Commission or the Executive Officer")***



TAKE ACTION BRIEF

-
- (1) Two or more public agencies where the public service to be provided is an alternative to, or substitute for, public services already being provided by an existing public service provider and where the level of service to be provided is consistent with the level of service contemplated by the existing service provider.
 - (2) The transfer of nonpotable or nontreated water.
 - (3) The provision of surplus water to agricultural lands and facilities, including, but not limited to, incidental residential structures, for projects that serve conservation purposes or that directly support agricultural industries. However, prior to extending surplus water service to any project that will support or induce development, the city or district shall first request and receive written approval from the commission in the affected county.
 - (4) An extended service that a city or district was providing on or before January 1, 2001.
 - (5) A local publicly owned electric utility, as defined by Section 9604 of the Public Utilities Code, providing electric services that do not involve the acquisition, construction, or installation of electric distribution facilities by the local publicly owned electric utility, outside of the utility's jurisdictional boundary.
 - (6) A fire protection contract, as defined in subdivision (a) of Section 56134.
 - (f) This section applies only to the commission of the county in which the extension of service is proposed. (Amended by Stats. 2019, Ch. 20, Sec. 3. (AB 1822) Effective January 1, 2020.)

CSDA requests your input on the following:

- 1. Does your agency take advantage of any of the exemptions in Government Code 56133(e)?***
- 2. Would altering this statutory exemption as outlined above create issues for your agency?***
- 3. Do you have examples of use of the above provision and its exemptions that have caused problems or resolved problems in the past?***

Please forward any feedback to CSDA Legislative Representative Anthony Tannehill at anthonyt@csda.net.



➤ LEGAL ADVOCACY

CSDA is the leading legal advocacy voice for all special districts regarding public policy in California and actively tracks and reviews cases of significance affecting special districts in state and federal courts. Under the guidance of CSDA's Legal Advisory Working Group, CSDA files amicus briefs and opines on court cases when appropriate.

CA Supreme Court Rules that Property Owners are not Required to Object to Prop 218 Fees and Charges at a Public Hearing to File Suit

On December 20, 2021, the California Supreme Court ruled that a property owner seeking to challenge a proposed assessment is not required to present their objection(s) at the public hearings held to consider the adoption of the assessment in order to later file suit against the assessment in court. In a unanimous decision in [Hill RHF Housing Partners, L.P., et al. v. City of Los Angeles \(S263734\)](#), the Supreme Court declined to infer that a plaintiff is required to appear at the public hearing to present their objections (thereby exhausting an administrative remedy) before they could file suit to challenge the proposed assessment based on an assertion that the assessment violates Proposition 218.

Although the decision is unfavorable for special districts that adopt fees and charges subject to Proposition 218, it does not affect the procedural or substantive process districts are required to follow pursuant to Proposition 218. On April 1, 2021, CSDA joined a coalition to file an [amicus brief](#) in favor of the City of Los Angeles, urging the Court to rule that potential plaintiffs should be required to present their objection(s) to an assessment at the public hearings to consider or adopt the assessment, also known as exhausting an "administrative remedy," before they are permitted to bring a challenge to the assessment pursuant to Proposition 218 in court. The CSDA brief argued that the exhaustion doctrine "Improves Administrative and Judicial Decision-Making, Reduces Wasteful and Counter-Productive Litigation Tactics, Protects Administrative Autonomy and Separation of Powers, and Applies to Public Agencies' Quasi-Adjudicatory and Legislative Acts."

Unfortunately, the Supreme Court disagreed and reversed a favorable decision from the Court of Appeal. The Supreme Court decision focused on the process of Proposition 218 public hearings, finding that the opportunity to comment in a Prop 218 hearing "does not involve the sort of 'clearly defined machinery for the submission, evaluation and resolution of complaints by aggrieved parties,'" that would require the court to infer an exhaustion requirement for the plaintiff. Writing in a unanimous decision, Chief Justice Tani Cantil-Sakauye argued that a requirement that objections be considered, by itself, places no legal obligation upon the agency to respond to objections to an assessment. Ultimately, the Court determined that "a process proffered as an administrative remedy does not have to be exhausted when its dispute resolution procedures are so meager that it cannot fairly be regarded as a remedy at all."

For more information about this case and how it may impact your district, contact CSDA Deputy General Counsel Mustafa Hessabi at mustafah@csda.net.



➤ OTHER WAYS TO TAKE ACTION

Learn More

Sign Up NOW for Governance Training in 2022!

Special District Leadership Academy

April 3 - 6, 2022

Embassy Suites by Hilton San Diego Bay Downtown

601 Pacific Highway

San Diego, CA 92101

September 18 – 21, 2022

Embassy Suites Napa Valley

1075 California BLVD

Napa, CA 94559

OR Attend the SDLA Module Virtual Workshops:

SDLA Module 1: Governance Foundations - February 16 and 17, 2022

SDLA Module 2: Setting Direction - March 9 and 10, 2022

SDLA Module 3: Board's Role in Finance - April 18 and 19, 2022

SDLA Module 4: Board's Role in HR - May 4 and 5, 2022

[Click here to register](#)

If you need assistance paying for any CSDA Education, the Special District Leadership Foundation is here to help! Apply for the [2022 SDLA Scholarship](#) today to attend one of the SDLA Conferences or Virtual Modules.

Member Benefit

Get a head start on 2022 with CSDA's *Special District Board Member Handbook*! The handbook is great for brand-new board members, but also serves as a great reference for seasoned board members. Topics include roles and responsibilities, accountability, ethics laws, the Brown Act, and more. Select the 'Download' link below to obtain a free electronic version of the handbook from the CSDA website.

<https://www.csdanet.net/viewdocument/special-district-board-member-handb>

Not a CSDA Member?:

CSDA will soon be offering our Trial Membership program again where Non-member districts can experience CSDA membership and new member benefits free for the months of April - June. CSDA offers a wide variety of resources, services and information designed for special districts – the Trial Membership is a risk-free way to discover how a membership could work for your district. For program details, contact Eric Spencer, Member Services Specialist, at erics@csdanet.net.



TAKE ACTION BRIEF

➤ OTHER WAYS TO TAKE ACTION

Join Today

Join an Expert Feedback Team to provide CSDA staff with invaluable insights on policy issues. Email eleonorb@cdda.net to inquire about joining one of the following teams:

- Revenue
- Environment
- Formation and Reorganization
- Human Resources and Personnel
- Governance
- Public Works and Facilities

Stay Informed

In addition to the many ways you can **TAKE ACTION** with CSDA's advocacy efforts, CSDA offers a variety of tools to keep you up-to-date and assist you in your district's legislative and public outreach. Make sure you're reading these resources:

- CSDA's weekly e-Newsletter
- Districts in the News
- CSDA's CA Special District Magazine

Email updates@cdda.net for help accessing these additional member resources.

ACHIEVING DISTRICT GOALS... TOGETHER.



Two Conference Location Options – First Time and Returning Attendee Tracks!

April 3 – 6, 2022 – San Diego OR September 18 – 21, 2022 – Napa



CSDA's 2022
**Special District
Leadership Academy Conference**

A Comprehensive Governance Leadership Conference for Elected and Appointed Directors/Trustees



BOARD & STAFF LEARN TO WORK AS A TEAM.

Participate in the **Special District Leadership Academy Conference** and complete all four modules of the Academy during the course of two and a half days.

This conference content is based on CSDA's Special District Leadership Academy (SDLA) groundbreaking, curriculum-based continuing education program, which recognizes the necessity for the board and general manager to work closely toward a common goal. SDLA provides the knowledge base to perform essential governance responsibilities and is designed for both new and experienced special district board members.

Complete all Four Modules of the Special District Leadership Academy as Virtual Workshops



MODULE 1

Governance Foundations:
February 16 and 17, 2022
9:00 a.m. – 12:00 p.m.
each day

MODULE 2


Setting Direction / Community Outreach
March 9 and 10, 2022,
9:00 a.m. – 12:00 p.m.
each day

MODULE 3

Board's Role in Finance and Fiscal Accountability
April 18 and 19, 2022, 9:00
a.m. – 12:00 p.m. each day

MODULE 4

Board's Role in Human Resources
May 4 and 5, 2022, 9:00 a.m.
– 12:00 p.m. each day

 **SPECIAL DISTRICT LEADERSHIP FOUNDATION**

RECOGNITION IN SPECIAL DISTRICT GOVERNANCE

BOARD MEMBERS AND TRUSTEES

SHOW YOUR COMMITMENT AND DEDICATION TO SERVING YOUR COMMUNITY.

The **Recognition in Special District Governance** was designed to acknowledge special district Board Members and Trustees who have taken extra steps to become better educated in core areas of governance.

Complete the Special District Leadership Academy + 10 additional professional development hours and receive this recognition.

1112 I Street, Suite 200, Sacramento, CA 95814 • t: 916.231.2909 • www.sdlf.org



WHY ATTEND CSDA'S SPECIAL DISTRICT LEADERSHIP ACADEMY CONFERENCE?



Local boards are the reason why local control is local. Special district boards are the voices of the community, and they are also a large reason why special districts exist.

The truth is that every elected or appointed public official needs to worry about governance; governance is what boards do. It's what they bring to the table.

Governance is taking the wishes, needs, and desires of the community and transforming them into policies that govern the district.

Whether you're new to the board or someone who has served for many years, this conference provides essential tools and information to effectively govern your district!

Attendees will learn:

- Working as a team: The roles of the board and staff in your district.
- Attributes and characteristics of highly effective boards.
- How culture, norms, values, and operating styles influence the district.
- Specific jobs that the board must perform.
- How individual values, skills, and knowledge help to shape how effective boards operate.
- The importance of moving from "I" to "we" as the governance team.
- The board's role in setting direction for the district.
- The board's role in finance and fiscal accountability.
- And much more!



April 3 – 6, 2022
Embassy Suites San Diego
Bay Downtown
 601 Pacific Highway
 San Diego, CA 92101

HOTEL ROOM RESERVATIONS
 Room reservations are available at the CSDA rate of \$181 plus tax, single or double occupancy. You will receive a link to make your hotel reservation AFTER you have registered for the conference. The room reservation cut-off is March 3, 2022; however, space is limited and may sell out before this date.



EARLY BIRD DISCOUNT
 The early bird discount for this location requires registration on or before Thursday, March 3, 2022.

Cancellations must be in writing and received by CSDA no later than March 3, 2022 at 5:00 p.m. All cancellations received by this date will be refunded less a \$75 cancellation fee. There will be no refunds for cancellations made after March 3, 2022. Substitutions are acceptable and must be done in writing no later than March 25, 2022 at 5:00 p.m. Please submit any cancellation notice or substitution requests to meganh@csda.net or fax to 916-520-2465.



September 18 – 21, 2022
Embassy Suites Napa Valley
 1075 California Boulevard
 Napa, CA 94559

HOTEL ROOM RESERVATIONS
 Room reservations are available at the rate of \$189 plus tax, single or double occupancy. You will receive a link to make your hotel reservation AFTER you have registered for the conference. The room reservation cut-off is August 29, 2022; however, space is limited and may sell out before this date.



EARLY BIRD DISCOUNT
 The early bird discount for this location requires registration on or before Friday, August 19, 2022.

Cancellations must be in writing and received by CSDA no later than August 19, 2022 at 5:00 p.m. All cancellations received by this date will be refunded less a \$75 cancellation fee. There will be no refunds for cancellations made after August 19, 2022. Substitutions are acceptable and must be done in writing no later than September 9, 2022 at 5:00 p.m. Please submit any cancellation notice or substitution requests to meganh@csda.net or fax to 916-520-2465.



SDRMA Credit Incentive Points
 Special District Risk Management Authority (SDRMA) is committed to establishing a strategic partnership with our members to provide maximum protection, help control losses, and positively impact the overall cost of property/liability and workers' compensation coverage through the Credit Incentive Program. Credit incentive points can be earned based on an agency's attendance at the Special District Leadership Academy Conference. Incentive points reduce SDRMA members' annual contribution amount.

FIRST-TIME ATTENDEE - SCHEDULE OF EVENTS



SUNDAY

5:30 – 7:00 p.m.
**REGISTRATION
AND
NETWORKING
RECEPTION**

Take a moment to network with your peers from throughout the state at this informal networking reception. Reception includes light appetizers.

MONDAY

8:30 – 10:00 a.m.
**BUILDING A FOUNDATION FOR GOOD
GOVERNANCE**

Scott Carroll, CSDM (San Diego)
Hillary Strauss, CSDM (Napa)

** This session covers Module 1 of the Special District Leadership Academy: Governance Foundations.*

In this conference session, the instructor will lay the groundwork for good governance in your district.

Attendees will discover:

- Why good governance is so important to the overall well-being of the district.
- The traits of effective board members.
- What good governance means and how to effectively put it into practice.
- How to move your board from “I” to “we,” including how to become an effective team, establish team standards, and essential conditions for team building.

10:00 – 10:30 a.m.
BREAK (All Attendees)

10:30 a.m. – 12:30 p.m.
**BUILDING A FOUNDATION FOR GOOD
GOVERNANCE** (continued)

12:30 – 1:30 p.m.
LUNCH PROVIDED (All Attendees)

1:45 – 3:00 p.m.
**FULFILLING YOUR DISTRICT’S MISSION:
CHARTING THE COURSE**
Brent Ives, BHI Management Consulting

** This session covers Module 2 of the Special District Leadership Academy: Setting Direction/Community Leadership.*

This conference session will highlight the importance of setting the direction for your district. Learn the critical components of direction setting for your district along with how to avoid planning pitfalls. Attendees will walk through the steps of establishing and fulfilling your district’s mission, vision, values, strategic goals, and how to communicate those objectives to your constituents.

3:00 – 3:30 p.m.
BREAK (All Attendees)

3:30 – 4:30 p.m.
**FULFILLING YOUR DISTRICT’S MISSION:
CHARTING THE COURSE** (continued)

5:30 – 7:00 p.m.
**SIP AND SAVOR
EVENING RECEPTION**  

Sponsored by the Special District Risk Management Authority (SDRMA)

Join us for a lively evening of networking and refreshments.

TUESDAY

8:30 – 10:00 a.m.
**DEFINING BOARD/STAFF ROLES AND
RELATIONSHIPS**
Liebert Cassidy Whitmore

** This session covers Module 4 of the Special District Leadership Academy: Board’s Role in Human Resources*

This conference session will teach participants how to determine the human resource (HR) health of their district and what areas to focus on as a board and individual governing official including:

- Identifying the board’s role in human resources.
- Recognizing HR red flags and positive indicators.
- Developing and maintaining essential HR policies.
- Covering confidentiality and legal liabilities.
- Evaluating the general manager.

10:00 – 10:30 a.m.
BREAK (All Attendees)

10:30 – 12:00 p.m.
**DEFINING BOARD/STAFF ROLES AND
RELATIONSHIPS** (continued)

12:00 – 1:00 p.m.
LUNCH PROVIDED (All Attendees)

1:15 – 2:45 p.m.
**GET THE WORD OUT! BEST PRACTICES
FOR COMMUNICATION AND OUTREACH**

Martin Rauch, Rauch Communication Consultants, Inc.

** This session covers Module 2 of the Special District Leadership Academy: Setting Direction/Community Leadership.*

This conference session looks at common communication breakdowns and potential areas for improvement in public agency communications. It will discuss proper and effective communication methods to be aware of as a governing official including:

- Identifying audiences.
- Responding to public input.
- Media relations.
- Legislative outreach and advocacy.

2:45 – 3:00 p.m.
BREAK (All Attendees)



SDLA Graduate? Join us for our Returning Attendee Track with Two Days of Breakout Sessions with topics such as:

- HOW TO DEAL WITH DISRUPTIVE BOARD MEMBERS
- PUBLIC ENGAGEMENT
- GRAND JURIES AND LAFCO'S
- LEGAL AND LEGISLATIVE UPDATES
- FRAUD DETECTION AND PREVENTION
- CONFLICTS OF INTEREST

3:00 – 4:00 p.m.

GET THE WORD OUT! BEST PRACTICES FOR COMMUNICATION AND OUTREACH

(continued)

OPEN EVENING

WEDNESDAY

8:30 – 10:00 a.m.

SHOW ME THE MONEY! WHAT DO BOARD MEMBERS NEED TO KNOW ABOUT DISTRICT FINANCES?

David Becker, CPA, James Marta & Company LLP, Certified Public Accountants

** This session covers Module 3 of the Special District Leadership Academy: Board's Role in Finance and Fiscal Accountability.*

This conference session will provide a review and insight of important financial concepts, reports, and policies specific to public agencies including special districts. Attendees will learn:

- How to ask the right questions.
- How to link the finance process to the district mission and goals.
- Budget process, budget assessment, and communicating budget information to the public.
- How to develop and analyze capital improvement plans and reserve guidelines.

10:00 – 10:15 a.m.

BREAK (All Attendees)

10:15 a.m. – 12:00 p.m.

SHOW ME THE MONEY! WHAT DO BOARD MEMBERS NEED TO KNOW ABOUT DISTRICT FINANCES? (continued)

12:00 p.m.

GRADUATION CERTIFICATE DISTRIBUTION

First-time attendees must attend all sessions in order to receive their certificate at the conclusion of the conference.

RETURNING ATTENDEE - SCHEDULE OF EVENTS



SUNDAY

5:30 – 7:00 p.m.

REGISTRATION AND NETWORKING RECEPTION

Take a moment to network with your peers from throughout the state at this informal networking reception. Reception includes light appetizers.

MONDAY

8:30 a.m. – 12:30 p.m. BREAKOUT SESSIONS

10:00 – 10:30 a.m. BREAK (All Attendees)

12:30 – 1:30 p.m. LUNCH PROVIDED (All Attendees)

1:45 – 4:30 p.m. BREAKOUT SESSIONS

3:00 – 3:30 p.m. BREAK (All Attendees)

5:30 – 7:00 p.m. SIP AND SAVOR EVENING RECEPTION

Sponsored by the Special District Risk Management Authority (SDRMA)

Join us for an entertaining evening of networking and refreshments.

TUESDAY

8:30 a.m. – 12:00 p.m. BREAKOUT SESSIONS

10:00 – 10:30 a.m. BREAK (All Attendees)

12:00 – 1:00 p.m. LUNCH PROVIDED (All Attendees)

1:15 – 4:00 p.m. BREAKOUT SESSIONS

2:45 – 3:00 p.m. BREAK (All Attendees)

4:00 p.m. CONFERENCE ENDS FOR RETURNING ATTENDEES



2022 Registration Form

Special District Leadership Academy Conference

(Use one form per registrant)



Three Ways to Register

- **Register online** by visiting the SDLA Conference website at sdla.csda.net.
- **Fax number:** 916-520-2465. All faxed registration forms must include credit card payment.
- **Mail:** CSDA, 1112 I Street, Suite 200, Sacramento, CA 95814. Please include registration form and payment. Checks should be made payable to: California Special Districts Association.

Not sure if you are a member?

Contact the CSDA office at 877-924-2732 to find out if your agency or company is already a member. To learn more about the many benefits of CSDA membership, contact Member Services Director Cassandra Strawn at membership@csda.net or call toll-free at the number listed above.



Name/Title:		
<input type="checkbox"/> First-time Attendee <input type="checkbox"/> Returning Attendee		
District:		
Address:		
City:	State:	Zip:
Phone:		Fax:
<input type="checkbox"/> Member <input type="checkbox"/> Non-member		Email:
Emergency Contact - Name & Phone:		
WHICH CONFERENCE WILL YOU BE ATTENDING?		
<input type="checkbox"/> APRIL 3 - 6, 2022 - SAN DIEGO EARLY BIRD DISCOUNT: MARCH 3, 2022 <input type="checkbox"/> CSDA Member \$600  <input type="checkbox"/> Non-member \$900 AFTER MARCH 11 <input type="checkbox"/> CSDA Member \$675 <input type="checkbox"/> Non-member \$1,010	<input type="checkbox"/> SEPTEMBER 18-21, 2022 - NAPA EARLY BIRD DISCOUNT: AUGUST 19, 2022 <input type="checkbox"/> CSDA Member \$600  <input type="checkbox"/> Non-member \$900 AFTER AUGUST 27 <input type="checkbox"/> CSDA Member \$675 <input type="checkbox"/> Non-member \$1,010	
SEND MORE - SAVE MORE! -- SPECIAL DISCOUNTED PRICING!		
ADDITIONAL ATTENDEE FROM THE SAME DISTRICT BEFORE EARLY BIRD DISCOUNT <input type="checkbox"/> CSDA Member \$400 <input type="checkbox"/> Non-member \$600	ADDITIONAL ATTENDEE FROM THE SAME DISTRICT AFTER EARLY BIRD DISCOUNT <input type="checkbox"/> CSDA Member \$475 <input type="checkbox"/> Non-member \$715	
Payment		
<input type="checkbox"/> Check <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> American Express		
Acct. Name:		Acct. Number:
Expiration Date:	CVC:	Authorized Signature:
Special needs		
<input type="checkbox"/> Vegetarian <input type="checkbox"/> Other:		

Consent to Use Photographic Images: Registration and attendance at, or participation in, CSDA meeting and other activities constitutes an agreement by the registrant to CSDA's use and distribution (both now and in the future) of the registrant or attendee's image or voice in photographs, videotapes, electronic reproductions, and audiotapes of such events and activities.

Anti-Discrimination and Harassment Policy: CSDA is dedicated to a harassment-free event experience for everyone. Our Anti-Discrimination and Harassment Policy can be found under "CSDA Transparency" at www.csda.net/about-csda/who-we-are.



Steady as you go.

When your team and ours all pull together, you get the sure-footed stability you need to proceed with confidence. As an extension of your staff, we are always at the sidelines delivering service and expertise. For everything from Workers' Compensation and Property/Liability coverages to Health Benefits options available throughout California, we are here to keep you going strong. For more information, visit sdrma.org.





California Special Districts Association
1112 I Street, Suite 200
Sacramento, CA 95814

A proud California Special Districts Alliance partner.

PRSR STD
U.S. Postage
PAID
Permit No. 316
Sacramento, CA

GOVERNANCE LEADERSHIP TRAINING

EARLY BIRD DISCOUNT!

Two locations for your convenience.

Track for returning attendees at both locations.



CSDA's 2022
**Special District
Leadership Academy**

*A Comprehensive Governance Conference
for Elected and Appointed Directors/Trustees.*



**“Another enjoyable
CSDA experience.”**

– P. Dorey, Director, Vista Irrigation District



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 4.2

TITLE: Operations Manager's Report – February 2022

SUBJECT: Update on Activities Since the January 2022 Board of Trustees Meeting

EXECUTIVE SUMMARY:

This Staff Report is intended to inform the Board and serve as the official record of the activities the District's field staff engaged in for the month of January 2022. As well as provide information regarding District facility use and local weather impacts on District facilities and river levels. Noteworthy activities include placement of $\frac{3}{4}$ " AB along district roads as well as garbage removal along Garden Highway and the Natomas East Main Drainage Canal. Developed a Lockout/Tagout program that is now included in the IIPP (Injury Illness Prevention Program).

The Operations Manager's report was created to provide monthly updates to the Board of Trustees on field related activities within the District boundaries, as well as provide a historical record. This allows for the District and the public an opportunity to refer back to data trends over time regarding the weather impact on District facilities, crew activities, and local river and canal conditions as well as general District activities from month to month.

RECOMMENDATION:

There are no staff recommendations, the information provided is strictly informational.

ATTACHMENTS:

1. Operations Manager's Report Data Sheet

STAFF RESPONSIBLE FOR REPORT:

Gabriel J. Holleman, Operations Manager

Date: 02/11/2022

Kevin L. King, General Manager

Date: 02/11/2022

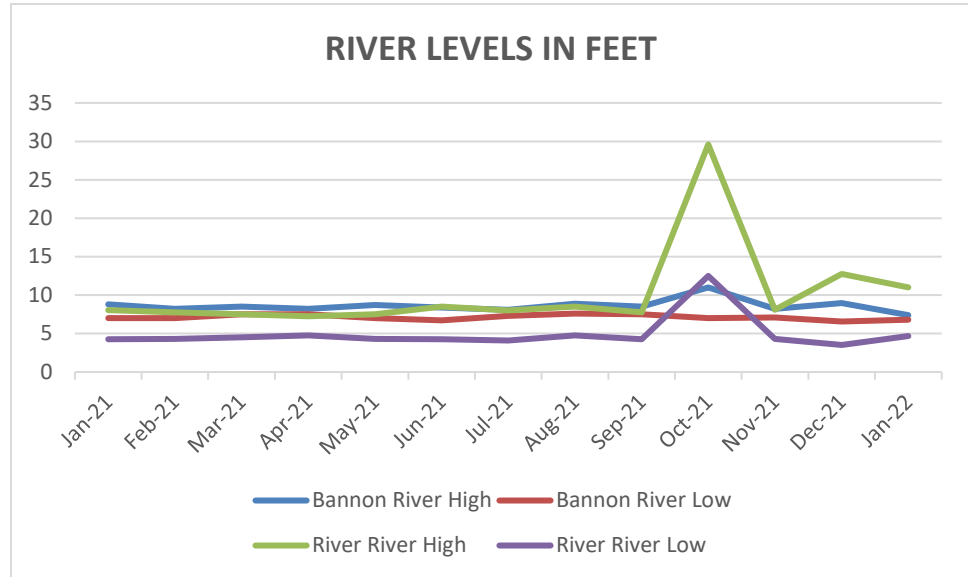


Operations Manager's Report January 2022

River Levels:

Bannon H: 7.40'
L: 6.8'

River H: 11'
L: 4.7'



Rain Fall Totals:

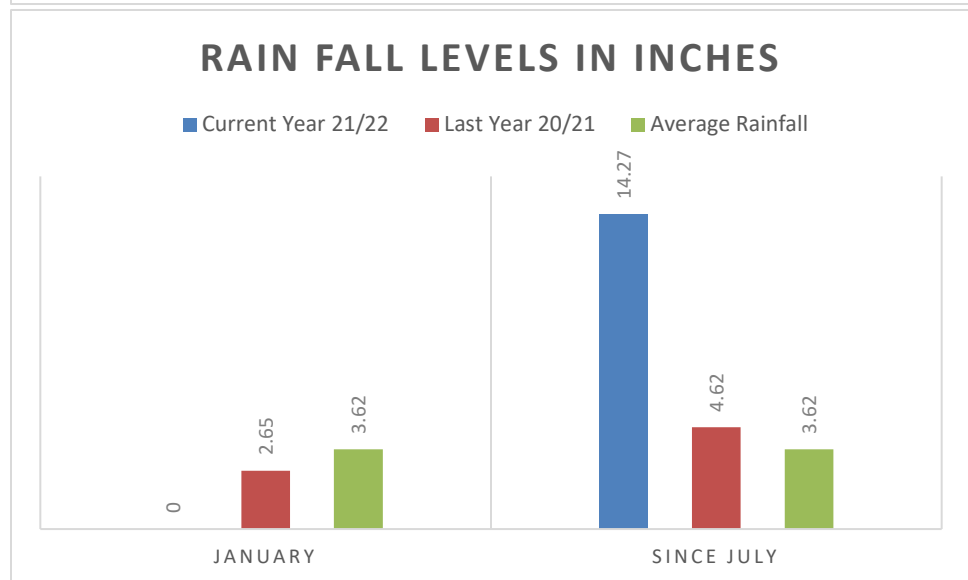
January 2022

Rain Totals = 0"

Jan Average = 3.6"

Rain Totals Since

July 1, 2021 = 14.27"



Safety Topics for the Month of January

- When Protection Against Cave-Ins Is Required in Excavations
- A Brief Overview of OSHA's Soil Classification System
- Basic Excavation Safety – Safety Tips When Using Trench Boxes
- Basic Excavation Safety – Safety Tips When Using Hydraulic Shores

District Requests Received

The District received multiple requests related to trash, debris and abandoned vehicles along District facilities. Staff and local law enforcement were deployed to remove these items within District boundaries.

The chart below represents various activities the field crew spent their time working on during the month of January, 2022.

**Hours worked do not include the Operations Manager's time.*

RD 1000 Field Crew	*Field Hours Worked	Activity
	239	Access Roads AB Program
	164	Garbage
	141	Ditch Maintenance
	88	Equipment Maintenance
	44	Pump Rounds

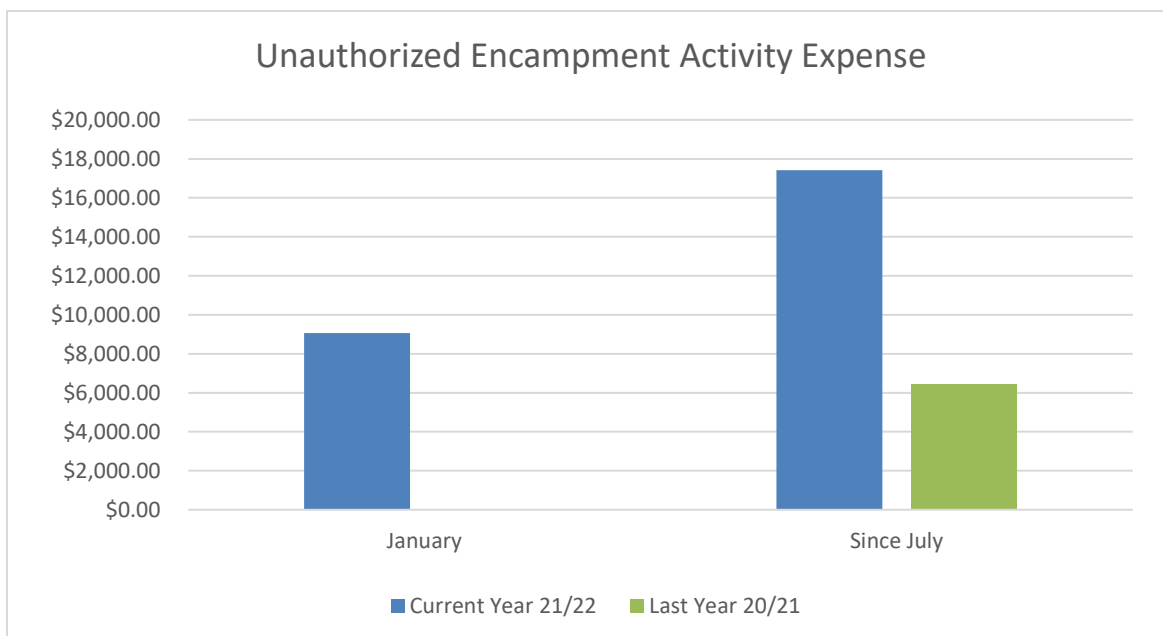
Pumping

Please see the pumping data below as it relates to the month of January within the Basin. Pump totals in the month of January were 2891.68 Ac-ft.

Pumping Plant	Pump	Hours / Ac-ft
Plant 1B	Pump #6	33.6 Hrs / 329.28 Ac-ft
Plant 2	Pump #2	46.8 Hrs / 135.72 Ac-ft
Plant 8	Pump #3	638.6 Hrs / 2426.68 Ac-ft

Unauthorized Encampment Activity During the month of January, the District spent a total of 121 hours on unauthorized encampment related work with a total cost to the District of \$9,063.64. This total includes labor, * equipment costs.

Unauthorized Encampment Activity – Year to Date This fiscal year to date the District has spent a total of 190 crew hours on unauthorized encampment activity for a total cost to the district of \$17,417.11. This total includes labor,* equipment costs.





RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 4.3

TITLE: District Counsel's Report – February 2022

SUBJECT: Update on Activities Since the January 2022 Board of Trustees Meeting

EXECUTIVE SUMMARY:

Reclamation District 1000's (RD 1000; District) General Counsel, Rebecca Smith and/or Scott Shapiro to provide verbal report of work performed during the month of January 2022. Verbal Report will include a timeline and outreach strategy for the 2022 District Election of Trustees.

ATTACHMENTS:

1. Timeline and Outreach Plan for the 2022 District Election of Trustees.

**Note: Not included in packet, will be provided by Counsel at the Board Meeting*

STAFF RESPONSIBLE FOR REPORT:

Kevin L. King, General Manager

Date: 02/04/2022



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 5.1

TITLE: Approval of Minutes

SUBJECT: Approval of Minutes from January 14, 2022 Regular Board Meeting

EXECUTIVE SUMMARY:

This staff report serves as the official record of the Board of Trustees' monthly meetings. This document details meeting participants, proof of items discussed, summaries of board meeting discussion, and the Board's actions.

Staff recommends Board approval of meeting minutes from the January 14, 2022 Regular Board Meeting (Attachment No. 1).

BACKGROUND:

The Ralph M. Brown Act (Gov. Code §54950 et seq.) governs meetings by public commissions, boards and councils, and public agencies in California. The Act facilitates public transparency and public participation in local government decisions. The Act also contains specific exemptions from the open meeting requirements where governmental agencies have a demonstrated need for confidentiality. To further comply with transparency, Reclamation District No. 1000 documents meetings of the Board of Trustees through Board Minutes.

RECOMMENDATION:

Staff recommends the Board approve the Minutes from January 14, 2022, Regular Board Meeting.

ATTACHMENTS:

1. January 14, 2022 Board Meeting Minutes

STAFF RESPONSIBLE FOR REPORT:



Joleen Gutierrez, Administrative Service Manager

Date: 02/01/2022



Kevin L. King, General Manager

Date: 02/01/2022



**RECLAMATION DISTRICT NO. 1000
BOARD OF TRUSTEES MEETING**

**JANUARY 14, 2022
MEETING MINUTES**

In compliance with CA Assembly Bill 361, members of the Board of Trustees and members of the public participated in this meeting by teleconference. This meeting was recorded without objection. Present were Board President Thom Gilbert; Board Vice President Elena Lee Reeder; Trustee Nick Avdis; Trustee Jag Bains; Trustee Tom Barandas; Trustee Chris Burns; Debra G. Jones; and Co-General Counsel Scott Shapiro; Co-General Counsel Rebecca Smith; General Manager Kevin King; Operations Manager Gabriel Holleman, Administrative Services Manager Joleen Gutierrez, and Administrative Assistant Christina Forehand.

1. PRELIMINARY

1.1. Call Meeting to Order

Board President Thom Gilbert called the meeting to order.

1.2. Roll Call

Present: Trustee Thom Gilbert, Trustee Elena Lee Reeder, Trustee Nick Avdis, Trustee Jag Bains, Trustee Tom Barandas, Trustee Chris Burns

Absent for Roll Call: Trustee Debra G. Jones (arrived at the meeting at 8:10 am)

1.3. Approval of Agenda

There were no changes to the agenda.

MOVED/SECONDED: Trustee Chris Burns/Trustee Nick Avdis

AYES: Trustee Thom Gilbert, Trustee Elena Lee Reeder, Trustee Nick Avdis, Trustee Jag Bains, Trustee Tom Barandas, Trustee Chris Burns

NOES: None

ABSTAIN: None

ABSENT: Trustee Debra G. Jones

ACTION: January 14, 2022, Board Meeting Agenda is approved.

1.4. Pledge of Allegiance

Trustee Elena Lee Reeder led the Pledge of Allegiance.

1.5. Conflict of Interest

There were no conflicts of interest identified.

2. PRESENTATIONS

2.1. No Scheduled Presentations

There were no presentations scheduled.

3. PUBLIC COMMENT (NON-AGENDA ITEMS)

There were no public comments made.

4. INFORMATIONAL ITEMS

4.1. GENERAL MANAGER'S REPORT: Update on activities since the December 2021 Board Meeting.

General Manager Kevin King made known we have a draft lease agreement from the City of Sacramento for Rosin Court. Counsel is reviewing the agreement, and once completed, staff will bring the draft before the Board for discussion or approval. SAFCA is still occupying the Rosin Court site. The city prefers to make the agreement effective once the Corps and SAFCA vacate the site.

GM King gave an update on the timeline for FY 2022-2023. He expects to receive from NBS a draft of Phase 2.2 of the Financial Plan in mid-February. Counsel will then review the plan for Prop 218 compliance, making any necessary changes or modifications. The Finance Committee will review the plan in late March, and then the draft will go before the entire Board in April. GM King stated we will not take action on Phase 2.2 until November of 2022, allowing time for community outreach and meetings to address concerns. In November, GM King will return to the Board for approval to open the public hearing process for the 218 proceedings. A vote for approval would occur in the first quarter of 2023 to get on the FY 23-24 Assessment Roll if approved.

Trustee Nick Avdis requested to have the Hydraulic Model schedule and updates regularly included in the GM reports so that he can follow how well we are meeting the schedule. GM King agreed to add this to his reports and provided a verbal update. We made some modifications to assumptions in the model mainly to do with the PGC culverts and whether they are opened or closed in a 100-year flood event. GM King will check in with Tom Plumber and Scott Sullivan and provide an update in February.

Trustee Chris Burns inquired about Rosin Court. He requested to see a chart to review the full list of issues discussed during the July 2021 Board meeting. He would like to see which items were addressed and not included. After reviewing the list of items, GM King and Counsel forwarded eight must-haves to the City. When GM King returns to the Board on this issue, he will include line-item numbers in the lease agreement that correspond with the list of eight must-have items sent to the City.

4.2. OPERATIONS MANAGER'S REPORT: Update on activities since the Dec. 2021 Board Meeting.

GM Kevin King reported Operations Manager Gabe Holleman helped coordinate an extensive trash cleanup along East Levee Road. Photos of the cleanup site were featured in the January Operations Manager Report. GM King reports that he is considering increasing security patrols in next year's budget in this area. We must have the ability to drive along the lower levee for levee inspections. He is also communicating with the County on an ordinance.

Trustee Nick Avdis expressed his appreciation for the cleanup; he would like GM King to look into the Governor's funding allocation for the trash cleanup of critical infrastructure. He would also like to see other inter-agency approaches for trash cleanup in the drainage channel itself.

GM King requested additional information on the Governor's funding. Trustee Lee Reeder will provide a packet to him.

Trustee Chris Burns asked for clarification on the SCADA call-out. Operations Manager Holleman shared that alerts only come across on SCADA; you need to be logged in 24/7 watching for alerts. With the additional SCADA software, an alert relay call would activate and call-out whenever an alarm is triggered.

4.3. DISTRICT COUNSEL'S REPORT: Update on activities since the December 2021 Board Meeting.

Co-General Counsel Scott Shapiro provided a verbal update on counsel's work in December 2021. Co-General Counsel Rebecca Smith made known Sacramento County Health Officer issued an order requiring all public agencies to meet remotely. This order does not have an expiration date. Counsel will check-in as time goes on.

5. CONSENT CALENDAR

Trustee Avdis asked to clarify an item in the December 10, 2021 meeting Minutes. At Trustee Avdis' request, Board Items, 6.3 and 6.4 were heard out of order. Trustee Avdis left the December Board meeting early after Item 6.4 was heard. He was not present to participate in any vote or discussion on Items 6.3 or 7-9.

MOVED/SECONDED: Trustee Jag Bains/Trustee Tom Barandas

AYES: Trustee Thom Gilbert, Trustee Elena Lee Reeder, Trustee Nick Avdis, Trustee Jag Bains, Trustee Tom Barandas, Trustee Chris Burns, Trustee Debra G. Jones

NOES: None

ABSTAIN: None

ABSENT: None

ACTION: The motion to approve the January 14, 2022 Consent Calendar Items 5.1 – 5.6 is approved.

5.1. APPROVAL OF MINUTES: Approval of Minutes from December 10, 2021 Regular Board Meeting and January 05, 2022 Special Board Meeting.

5.2. TREASURER'S REPORT: Approve Treasurer's Report for December 2021.

5.3. EXPENDITURE REPORT: Review and Accept Report for December 2021.

5.4. BUDGET TO ACTUAL REPORT: Review and Accept Report for December 2021.

5.5. ASSEMBLY BILL 361: Review and Consider Adoption of Resolution No. 2022-01-02 - Proclaiming a Local Emergency, Ratifying the Covid-19 State of Emergency, and Authorizing Remote Teleconference Meetings of Reclamation District No. 1000 Pursuant to The Ralph M. Brown Act.

5.6. ANNUAL BANKING AUTHORIZATION (SACRAMENTO COUNTY): Review and Consider Adoption of Resolution No. 2022-01-03 Authorizing Officers and Trustees as Signatories to the Operations and Maintenance Funds held by Sacramento County Treasurer

6. SCHEDULED ITEMS

6.1. COMMITTEE ASSIGNMENTS: Review and Consider Approval of Board Committee Assignments for 2022.

A chart with 2022 Committee Assignments has been included in the January 14, 2021 Board Packet. Trustee Thom Gilbert provided a brief update of changes in committee assignments.

MOVED/SECONDED: Trustee Nick Avdis/Trustee Elena Lee Reeder

AYES: Trustee Thom Gilbert, Trustee Elena Lee Reeder, Trustee Jag Bains, Trustee Tom Barandas, Trustee Chris Burns, Trustee Debra G. Jones

NOES: None

ABSTAIN: None

ABSENT: None

ACTION: Motion to approve Committee Assignments is approved.

7. BOARD OF TRUSTEE'S COMMENTS/REPORTS

Finance Committee Meeting

7.1. BOARD ACTIVITY UPDATES:

7.1.1. RD 1000 Committee Meetings Since Last Board Meeting

- Executive Committee (Gilbert & Lee Reeder) January 5, 2022

7.1.2. RD 1000 Committees No Meetings Since Last Board Meeting

- Finance Committee (Gilbert, Bains & Burns)
- Legal Committee (Avdis, Barandas & Lee Reeder)
- Operations Committee (Bains, Barandas & Burns)
- Personnel Committee (Jones, Bains & Barandas)
- Urbanization Committee (Lee Reeder, Avdis & Jones)

8. CLOSED SESSION

8.1. No Scheduled Closed Session Items

9. ADJOURN

MOVED/SECONDED: Trustee Chris Burns/Trustee Nick Avdis

AYES: Trustee Thom Gilbert, Trustee Elena Lee Reeder, Trustee Jag Bains, Trustee Tom Barandas, Trustee Chris Burns, Trustee Debra G. Jones

NOES: None

ABSTAIN: None

ABSENT: None

ACTION: Motion to adjourn the meeting is approved. The meeting is adjourned.



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 5.2

TITLE: Treasurer's Report

SUBJECT: Approve Treasurer's Report for January 2022

EXECUTIVE SUMMARY:

This Staff Report is intended to inform the Board of the current total funds in the District's checking and money market accounts, Sacramento County Treasurer Fund, State Treasurer Local Agency Investment Fund (LAIF), and the City of Sacramento Pooled Investment Fund.

The Staff Report attachment provides the monthly beginning and ending balances of its Operations and Maintenance cash flow. The report considers the current month's receipts, fund to fund transfers, accounts payable, and payroll. Notable fund and cash flow items during January 2022 are featured in the attached Treasurer's Report.

The District maintains funds in the California State Controller Local Agency Investment Fund (LAIF), the Sacramento County Treasurer, and Bank of the West. The District's primary source of income is property assessments. Assessments are collected through respective Sacramento and Sutter County tax bills.

Annually, the Board of Trustees approves a Resolution designating officers and signatories to the Operations and Maintenance Fund held by the Sacramento County Treasurer. The District's Financial Reserve Policy guides current, future, and unexpected funding requirements. The District's Investment Policy guides investments made by the District of any surplus or reserve funds it may have.

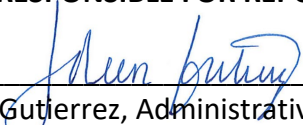
RECOMMENDATION:

Staff recommends the Board approve the January 2022 Treasurer's Report.

ATTACHMENTS:

1. Treasurer's Report January 2022

STAFF RESPONSIBLE FOR REPORT:



Joleen Gutierrez, Administrative Services Manager

Date: 02/01/2022



Kevin L. King, General Manager

Date: 02/01/2022

Reclamation District 1000
Treasurer's Report
January 2022

Treasurer's Report for January 2022

January 2022	Ending Balance @ 1/31/22
Total Funds at 1/31/22	9,570,321.22
Bank of the West - O & M Checking* (new)	292,842.18
Bank of the West - Money Market	110,458.10
Money Market II	136,430.62
Sacramento County Treasurer	5,701,373.06
State Treasurer - Local Agency Investment Fund	1,144,718.53
City of Sacramento - Pool A	2,184,498.73

Included in O&M cash flow below
Included in O&M cash flow below
Included in O&M cash flow below

January 2022 - Operations and Maintenance Cash Flow	Money Market	Money Market II	Operating Checking (new)	Combined O&M
Beginning Balance at 1/1/22	310,456.83	206,870.80	100.00	517,427.63
Transfers from money market to operating accounts	(400,000.00)	300,000.00	100,000.00	-
Transfers from LAIF to money market account	200,000.00	-	-	200,000.00
Transfers between Money Market II and Operating account	-	(229,048.42)	229,048.42	-
Monthly interest	1.27	1.23	-	2.50
Current months receipts	-	-	50,709.79	50,709.79
Accounts Payable*	-	(94,365.48)	(47,012.88)	(141,378.36)
Payroll	-	(47,027.51)	(40,003.15)	(87,030.66)
Ending Balance at 1/31/22	110,458.10	136,430.62	292,842.18	539,730.90

*See Attached Check Register

Current months receipts are made up of the following:

Amounts collected for developer deposits	12,966.23
Security patrol reimbursements	23,700.00
Refund from trailer purchase	13,943.56
Unidentified receipt	100.00
	<hr/>
	50,709.79
	<hr/> <hr/>



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 5.3

TITLE: Expenditure Report

SUBJECT: Review and Accept Reports for January 2022

EXECUTIVE SUMMARY:

This Staff Report advises the Board of monthly expenditures and explains any expenses outside of the usual course of business. Staff recommends the Board review and accept the Expenditure Reports for January 2022.

Expenses

The Administrative Services Manager reviews, and the General Manager approves expenditures. This activity is disclosed monthly as an attachment to this staff report.

The Expenditure Report (Attachment 1) has a few note items \$33,731 to SMUD for power, \$6,481 to Nordic Industries for Plant #2 access road/vegetation management, and \$8,787 to AllenStrategic for Public Relations projects.

The District's Accounting Consultant Rob Merritt has prepared the January 2022 Expenditure Reports for O&M and Money Market 2 to satisfy transparency of all fiscal transactions.

RECOMMENDATION:

Staff recommends the Board review and accept the Expenditure Reports for January 2022.

ATTACHMENTS:

1. January 2022 Expenditure Report – O&M Account NEW
2. January 2022 Expenditure Report – Money Market 2

STAFF RESPONSIBLE FOR REPORT:



Joleen Gutierrez, Administrative Services Manager

Date: 02/01/2022



Kevin L. King, General Manager

Date: 02/01/2022

January 2022 Expenditure Report – O&M

Type	Date	Num	Name	Memo	Debit	Credit	Balance
Cash and Investments							100.00
1011.00 · Bank of the West O&M Checking							100.00
Transfer	01/03/2022			Funds Transfer	100.00		200.00
Transfer	01/03/2022			Funds Transfer	99,900.00		100,100.00
Payment	01/03/2022		Upper Westside		12,966.23		113,066.23
Transfer	01/03/2022			Funds Transfer	229,048.42		342,114.65
Bill Pmt	01/04/2022	1042022	Alhambra & Sierra Springs	Inv 6169212123121		68.86	342,045.79
-Check	01/04/2022	445452183	City of Sacramento	Acct 2007944000		135.63	341,910.16
Bill Pmt	01/04/2022	1388634580	Verizon	Inv 9894995875		237.78	341,672.38
-Check	01/04/2022	80041958348	Waste Management of Sacramento			917.14	340,755.24
Bill Pmt	01/04/2022	445467214	City of Sacramento	Acct 5450844000		39.95	340,715.29
-Check	01/04/2022	445420417	City of Sacramento	Acct 1905200485		19.12	340,696.17
Check	01/04/2022	EFT	Cal Pers			400.00	340,296.17
Check	01/04/2022	EFT	Cal Pers			939.38	339,356.79
Bill Pmt	01/04/2022	01042022	Alhambra & Sierra Springs			49.33	339,307.46
-Check	01/11/2022	1144261430	City of Sacramento	Acct 7029676079		4.65	339,302.81
Bill Pmt	01/11/2022	5793894452	Comcast	Acct 8155600381146169		239.96	339,062.85
-Check	01/11/2022	2775374	Napa Auto Parts			490.29	338,572.56
Bill Pmt	01/11/2022	01143622605	PG&E	Acct 8886406823-9		402.32	338,170.24
-Check	01/11/2022	1112022	Sacramento County Utilities			227.40	337,942.84
Bill Pmt	01/11/2022	63063552088	The Home Depot	Inv 8273522		126.87	337,815.97
-Check	01/11/2022	80042584609	Waste Management of Sacramento			784.45	337,031.52
Bill Pmt	01/11/2022	01108622609	PG&E	Acct 3702326178-9		30.37	337,001.15
-Check	01/14/2022	EFT	ADP			94.97	336,906.18
Check	01/15/2022			1/15/22 payroll activity		40,003.15	296,903.03
General	01/18/2022	1002026618	Cal Pers	February 2022		20,578.19	276,324.84
Journal	01/18/2022	51000	Joleen Gutierrez	Mileage		124.13	276,200.71
Bill Pmt	01/18/2022	51001	Mead & Hunt	Inv 324476		470.75	275,729.96
-Check	01/18/2022	51002	State Water Resources Control Board	Inv 0196247		3,146.00	272,583.96
Bill Pmt	01/18/2022	EFT	Cal Pers			400.00	272,183.96
-Check	01/18/2022		N.C.M.W.C.		18,700.00		290,883.96
General	01/18/2022		The Natomas Basin Conservancy	Security patrol reimbursement Q4 2021 (calender)	5,000.00		295,883.96
Journal	01/18/2022		Murray Trailers	Refund for over payment of Murray trailer	13,943.56		309,827.52
General	01/18/2022			Choice Benefit PAYroll ???	100.00		309,927.52
Journal	01/24/2022	2450068669	City of Sacramento	Acct 2007944000		155.48	309,772.04
Bill Pmt	01/24/2022	02408738499	PG&E	Acct 3702326178-9		28.95	309,743.09
-Check	01/24/2022	63065278710	The Home Depot			719.06	309,024.03
Bill Pmt	01/24/2022	1416638500	Verizon	Inv 9897234462		248.88	308,775.15
-Check							

Bill Pmt								
-Check	01/24/2022	2450090028	City of Sacramento	Acct 5450844000		43.29	308,731.86	
Bill Pmt								
-Check	01/24/2022	51003	Allenstrategic	Inv 1697		8,787.00	299,944.86	
Bill Pmt			Chavez Accountancy					
-Check	01/24/2022	51004	Corporation	Inv 5125		1,020.00	298,924.86	
Bill Pmt			County of Sacramento -					
-Check	01/24/2022	51005	Municipal Servces	December 2021		166.75	298,758.11	
Bill Pmt								
-Check	01/24/2022	51006	Downey Brand LLP			2,553.00	296,205.11	
Bill Pmt								
-Check	01/24/2022	51007	MBK Engineers	Inv 21-12-4170		751.25	295,453.86	
Bill Pmt								
-Check	01/24/2022	51008	NBS	Inv 1221000594		1,500.00	293,953.86	
Bill Pmt			Occupational Health					
-Check	01/24/2022	51009	Centers of CA	Inv 74050266		91.00	293,862.86	
Bill Pmt			Security & Asset					
-Check	01/24/2022	51010	Management, LP	Inv 5207102		28.95	293,833.91	
Bill Pmt								
-Check	01/24/2022	51011	Smile Business Products	Inv 1011130		160.26	293,673.65	
Check	01/25/2022	EFT	Cal Pers			400.00	293,273.65	
Bill Pmt								
-Check	01/27/2022	51012	Rey's Air	Service 1/27/2022		350.00	292,923.65	
Check	01/28/2022	EFT	ADP			81.47	292,842.18	
Total 1011.00 · Bank of the West O&M Checking						<u>379,758.21</u>	<u>87,016.03</u>	<u>292,842.18</u>
						<u>379,758.21</u>	<u>87,016.03</u>	<u>292,842.18</u>
						<u>379,758.21</u>	<u>87,016.03</u>	<u>292,842.18</u>

Activity Summary

Transfers from money	
market account	100,000.00
Transfers from Money	
Market II account	229,048.42
Current months receipts	36,666.23
Vendor refund for trailer	
purchase	13,943.56
Misc. collections	100.00
Accounts payable	
disbursements	-47,012.88
Payroll disbursements	-40,003.15
	<hr/>
Net activity	<u>292,742.18</u>

January 2022 Expenditure Report – Money Market 2

Type	Date	Num	Name	Memo	Debit	Credit	Balance
Cash and Investments							206,870.80
1060.00 · Bank of the West MM2							206,870.80
Check	01/03/2022	EFT	Cal Pers			6,594.59	200,276.21
Check	01/03/2022	EFT	Cal Pers	Nov 2021 pension payable		3,466.14	196,810.07
Check	01/03/2022	EFT	Cal Pers	Nov 2021 pension payable		3,258.51	193,551.56
Transfer	01/03/2022			Funds Transfer		229,048.42	-35,496.86
Check - Bill Pmt	01/04/2022	60034	Airgas NCN	Inv 9985490028		406.12	-35,902.98
Check - Bill Pmt	01/04/2022	60035	Auburn Auto Glass	Inv 1407-1787309		657.32	-36,560.30
Check - Bill Pmt	01/04/2022	60036	Bartel Associates, LLC	Inv 21-942		3,180.00	-39,740.30
Check - Bill Pmt	01/04/2022	60037	Brookman Protection Services, Inc.	Inv 22-001		8,100.00	-47,840.30
Check - Bill Pmt	01/04/2022	60038	Carson Landscape Industries	Inv 256070		320.00	-48,160.30
Check - Bill Pmt	01/04/2022	60039	Cintas	Inv 5089992843		5.31	-48,165.61
Check - Bill Pmt	01/04/2022	60040	Employee Relations, Inc.	Inv 91949		228.52	-48,394.13
Check - Bill Pmt	01/04/2022	60041	Interstate Oil Company			4,058.66	-52,452.79
Check - Bill Pmt	01/04/2022	60042	Jani-King	Inv 01220169		649.82	-53,102.61
Check - Bill Pmt	01/04/2022	60043	Matrix Consulting Group	Inv 21-44 #3		4,200.00	-57,302.61
Check - Bill Pmt	01/04/2022	60044	Mead & Hunt	Inv 325676		3,805.75	-61,108.36
Check - Bill Pmt	01/04/2022	60045	Sacramento LAFCO	FY 2021-22		320.00	-61,428.36
Check - Bill Pmt	01/04/2022	60046	Smile Business Products			414.61	-61,842.97
Check - Bill Pmt	01/04/2022	60047	SMUD	Acct 7000000317		33,731.62	-95,574.59
Check - Bill Pmt	01/04/2022	60048	Streamline	Inv A14C0AB6-0014		200.00	-95,774.59
Check - Bill Pmt	01/04/2022	60049	Terrapin Technology Group	Inv 21-14762		1,342.64	-97,117.23
Check - Bill Pmt	01/04/2022	60050	The Natomas Buzz	Inv 0072		300.00	-97,417.23
Check - Bill Pmt	01/04/2022	60051	West Yost Associates	Inv 2047431		766.65	-98,183.88
Transfer General Journal	01/04/2022			Funds Transfer	200,000.00		101,816.12
General Journal	01/05/2022			1/5/22 payroll activity		15,002.16	86,813.96
General Journal	01/05/2022			1/5/22 payroll activity		32,025.35	54,788.61
Check - Bill Pmt	01/11/2022	60052	ACWA JPIA	Inv 0679895		1,664.74	53,123.87
Check - Bill Pmt	01/11/2022	60053	Bare Bones Workwear	Inv 41055851		54.10	53,069.77
Check - Bill Pmt	01/11/2022	60054	Carson Landscape Industries	Inv 256828		820.00	52,249.77
Check - Bill Pmt	01/11/2022	60055	Cintas			216.91	52,032.86
Check - Bill Pmt	01/11/2022	60056	Grainger, Inc.	Inv 916426822		169.08	51,863.78
Check - Bill Pmt	01/11/2022	60057	J Franko Electric			5,859.87	46,003.91
Check - Bill Pmt	01/11/2022	60058	Nordic Industries, Inc.	Inv 10833		6,481.35	39,522.56
Check - Bill Pmt	01/11/2022	60059	Occupational Health Centers of CA	Inv 73977139		105.50	39,417.06
Check - Bill Pmt	01/11/2022	60060	US Bank Corp			1,645.32	37,771.74
Check - Bill Pmt	01/11/2022	60061	Valley Tire Center, Inc.	Inv 85175		1,030.60	36,741.14

Bill Pmt - Check	01/11/2022	60062	Yolo County Public Works	Statement December 2021	296.75	36,444.39	
Transfer General Journal	01/11/2022			Funds Transfer January 2022 interest credit	100,000.00	136,444.39	
	01/31/2022		Bank of the West		1.23	136,445.62	
Check	01/31/2022	EFT	Bank of the West		15.00	136,430.62	
Total 1060.00 · Bank of the West MM2					<u>300,001.23</u>	<u>370,441.41</u>	<u>136,430.62</u>
Total Cash and Investments					<u>300,001.23</u>	<u>370,441.41</u>	<u>136,430.62</u>
TOTAL					<u>300,001.23</u>	<u>370,441.41</u>	<u>136,430.62</u>

Activity Summary

Transfers from money market account	300,000.00
Monthly interest	1.23
Transfers to O&M account	-229,048.42
Accounts payable disbursements	-94,365.48
Payroll disbursements	<u>-47,027.51</u>
 Net activity	 <u><u>-70,440.18</u></u>



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 5.4

TITLE: Budget to Actual Report

SUBJECT: Review and Accept Report for January 2022

EXECUTIVE SUMMARY:

This Staff Report provides a monthly budgetary snapshot of how well the District meets its set budget goals for the fiscal year. The monthly Budget to Actual Report contains a three-column presentation of actual expenditures, budgeted expenditures, and the Budget percentage. Each line item compares budgeted amounts against real-to-date expenses. Significant budgeted line item variances (if any) will be explained in the Executive Summary of this report.

Attachment 1 provides a year-to-date report for the month ending January 31, 2022. The most significant expenditures under Administration are Mitigation Land Expenses, Property Tax Assessments, and District Memberships. Significant expenses under Operations are under Field Services.

BACKGROUND:

The Board of Trustees adopts a budget annually in June. District staff prepares the budget, which presents the current year's budget versus expenditures and a proposed budget for the upcoming fiscal year.

Three Board committees review the draft budget before being presented to the Board for adoption in June. The Personnel Committee reviews the wage and benefits portion of the budget. The Operations Committee reviews the Capital expenditures Budget. After the two committees review and make recommendations to the budget, the final draft is prepared for the Finance Committee to consider. After review by the Finance Committee, the final Proposed Budget is presented to the entire Board for adoption at a regular Board meeting.

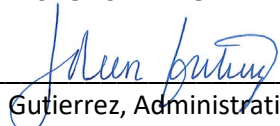
RECOMMENDATION:

Staff recommends the Board review and accept the Budget to Actual Report for January 2022.

ATTACHMENTS:

1. Budget to Actual Report January 2022

STAFF RESPONSIBLE FOR REPORT:



Joleen Gutierrez, Administrative Services Manager

Date: 02/01/2022



Kevin L. King, General Manager

Date: 02/01/2022

Reclamation District No. 1000
Budget to Actual Comparison
July 1, 2021 to January 31, 2022 (Seven Months Ending of Fiscal 2022)

	Year to Date July 1, 2021 to January 31, 2022	Budget	Percent of Budget
Operation & Maintenance Income			
Property Assessments	190	2,250,000	0.01%
Rents	11,194	24,000	46.64%
Interest Income	13,947	55,000	25.36%
SAFCA - O/M Assessment	-	1,400,000	0.00%
Misc Income	7,239	-	Not Budgeted
FMAP Grant	387,682	792,000	48.95%
Annuitant Trust Reimbursement	-	70,000	0.00%
Security Patrol Reimbursement	37,750	45,000	83.89%
Total	458,002	4,636,000	9.88%
Restricted Fund			
Metro Airpark Groundwater Pumping	-	25,000	0.00%
Total Combined Income	458,002	4,661,000	9.83%
Administration, Operations and Maintenance - Expenses			
Administration			
Government Fees/Permits	2,995	12,500	23.96%
Legal	25,072	65,000	38.57%
Liability/Auto Insurance	36,393	160,000	22.75%
Office Supplies	2,529	4,500	56.20%
Computer Costs	17,457	34,900	50.02%
Accounting/Audit	39,509	56,800	69.56%
Admin. Services	8,064	22,000	36.65%
Utilities (Phone/Water/Sewer)	7,270	16,400	44.33%
Mit. Land Expenses	4,995	5,300	94.25%
Administrative Consultants	44,517	114,500	38.88%
Assessment/Property Taxes (SAFCA - CAD)	13,173	8,500	154.98%
Admin - Misc./Other Expenses	1,039	2,800	37.11%
Memberships	34,652	39,700	87.28%
Office Maintenance & Repair	11,845	31,500	37.60%
Payroll Service	1,226	4,500	27.24%
Public Relations	16,645	49,000	33.97%
Small Office & Computer Equipment	-	10,000	0.00%
Election	-	10,000	0.00%
Conference/Travel/Professional Development	181	20,500	0.88%
Sub Total	267,562	668,400	40.03%
Personnel/Labor			
Wages	685,737	1,139,323	60.19%
Group Insurance	77,437	105,084	73.69%
Worker's Compensation Insurance	20,754	31,000	66.95%
OPEB - ARC	-	83,751	0.00%
Dental/Vision/Life	13,220	23,000	57.48%
Payroll Taxes	60,058	86,589	69.36%
Pension	155,708	262,604	59.29%
Continuing Education	785	5,000	15.70%
Trustee Fees	18,000	35,000	51.43%
Annuitant Health Care	58,552	85,000	68.88%
Sub Total	1,090,251	1,856,351	58.73%

Operations

Power	286,032	500,000	57.21%
Supplies/Materials	14,418	25,000	57.67%
Herbicide	117,302	240,000	48.88%
Fuel	37,101	40,000	92.75%
Field Services	133,051	91,000	146.21%
Field Operations Consultants	11,500	20,000	57.50%
Equipment Rental	-	5,000	0.00%
Refuse Collection	10,120	45,000	22.49%
Equipment Repair/Service	22,201	15,000	148.01%
Equipment Parts/Supplies	18,571	60,000	30.95%
Facility Repairs	158,415	527,000	30.06%
Shop Equipment (not vehicles)	714	5,000	14.28%
Field Equipment	1,292	20,000	6.46%
Misc/Other 2	549	500	109.80%
Utilities - Field	7,618	11,000	69.25%
Government Fees/Permits - Field	4,308	10,000	43.08%
FEMA Permits	-	1,500	0.00%

Sub Total	823,192	1,616,000	50.94%
------------------	----------------	------------------	---------------

Equipment

Equipment	88,795	430,000	20.65%
-----------	--------	---------	--------

Sub Total	88,795	430,000	
------------------	---------------	----------------	--

Consulting/Contracts/Memberships

Engineering/Technical Consultants	61,142	182,500	33.50%
Security Patrol	56,400	80,000	70.50%
Temporary Admin	-	15,000	0.00%

Sub Total	117,542	277,500	42.36%
------------------	----------------	----------------	---------------

FMAP Expenditures

LOI/SWIF (Consultants)	27,936	20,000	139.68%
Equipment	255,507	601,000	42.51%
Operations & Maintenance (Field)	151,551	162,850	93.06%
Administrative	-	8,150	0.00%

Sub Total	434,994	792,000	54.92%
------------------	----------------	----------------	---------------

Total A, O & M Expenses

2,822,336	5,640,251	50.04%
------------------	------------------	---------------

Capital Expenses

Capital Office Upgrades	4,395	30,000	14.65%
Capital RE Acquisition	-	50,000	0.00%
Capital Office Facility Repair	-	30,000	0.00%
Capital Facilities	15,257	1,250,000	1.22%

Sub Total	19,652	1,360,000	1.45%
------------------	---------------	------------------	--------------

Total All Expenditures

2,841,988	7,000,251	40.60%
------------------	------------------	---------------



RECLAMATION DISTRICT 1000

DATE: FEBRAURY 11, 2022

AGENDA ITEM NO. 5.5

TITLE: Assembly Bill 361

SUBJECT: Review and Consider Adoption of Resolution No. 2022-02-01

EXECUTIVE SUMMARY:

On September 16, 2021, Governor Gavin Newsom signed Assembly Bill 361 into law, codifying certain modified requirements for teleconference meetings held by state and local public agencies, similar to those previously authorized and extended by executive order during the COVID-19 State of Emergency. This staff report briefly summarizes AB 361 and describes what Reclamation District No. 1000 (District) must do to utilize the modified requirements for holding remote meetings.

BACKGROUND:

The Ralph M. Brown Act (Brown Act), which governs local public agency meetings, traditionally permitted agencies to utilize teleconferencing (audio or video) for public meetings, subject to certain heightened requirements aimed to preserve public participation.

- Agendas must identify each teleconference location
- Agendas must be posted at each teleconference location
- Physical access for the public must be provided at each teleconference location
- Board actions must be taken by roll call vote
- One board member must be physically present at each meeting location and quorum of the board must participate within the agency's jurisdictional boundaries
- Members of the public must have an opportunity to address the Board from any teleconference location

(Gov. Code, § 54953(b)(3).) However, the rising spread of COVID-19 and the imposition of stay-at-home orders made some of those teleconference requirements untenable, leaving many public agencies unable to hold meetings at all.

On March 4, 2020, Governor Newsom proclaimed a State of Emergency due to COVID-19. Pursuant to that State of Emergency Proclamation, the Governor issued a series of executive orders (N-25-20, N-29-20, and N-35-20) which, among other things, provided several exceptions to the normal Brown Act teleconference rules to permit local agencies to continue meeting while stay-at-home orders were in effect or where meeting in person would pose a risk to health or safety. The executive orders allowed agencies to meet without first identifying or providing public access to each teleconference location, and without maintaining a physical presence of members within agency boundaries, though roll call votes and public participation were still required. On

TITLE: AB 361

June 15, 2021, as vaccinations increased and in-person restrictions eased, Governor Newsom issued Executive Order N-08-21 which provided the Brown Act modifications would expire on September 30, 2021.

AB 361:

With the State of Emergency still in place and variant cases on the rise, AB 361 was introduced to provide a longer-term solution for teleconference meetings during states of emergency, effective until January 1, 2024. While not limited to COVID-19, the legislation mirrors many of the allowances made under the Governor’s executive orders. AB 361 amends Section 54953 of the Government Code to allow the legislative body of a local agency to meet remotely without complying with the normal teleconference rules for agenda posting, physical location access, or quorum rules. To do so, one of three scenarios must exist, all of which require that the Governor has proclaimed a State of Emergency pursuant to Government Code section 8625:

- A. State or local officials have imposed or recommended measures to promote social distancing;
- B. The agency is holding a meeting for the purpose of determining whether meeting in person would present imminent risks to the health or safety of attendees; or
- C. The agency is holding a meeting and has determined that meeting in person would present imminent risks to the health or safety of attendees.

(Gov. Code, § 54953(e)(1).)

An agency that holds a meeting under either of the three scenarios must continue to post its agenda in the time required by the Brown Act, and ensure that the public is able to address the board directly through teleconference means. (*Id.* at subd. (e)(2).) If a disruption prevents the public agency from broadcasting the meeting or receiving public comments in real time, the board may take no further action until those functions are restored; any actions taken during such a disruption are subject to legal challenge. (*Id.*)

Assuming the State of Emergency remains in effect and an agency wishes to continue meeting under the modified rules, it must adopt an initial resolution within 30 days of the first teleconference meeting (which applies retroactively to that first meeting), and then must adopt an extension resolution at least every 30 days thereafter. (*Id.* at subd. (e)(3).) The resolutions must contain findings stating that the agency has reconsidered the circumstances of the State of Emergency and at least one of the following circumstances exist:

- i. The State of Emergency continues to directly impact the ability of the members to meet safely in person; or
- ii. State or local officials continue to impose or recommend measures to promote social distancing.

TITLE: AB 361

(*Id.*) The requirement for agencies to affirm by resolution every 30 days that the State of Emergency continues to necessitate remote meetings did not exist under the executive orders, and may present a logistical challenge for agencies that meet quarterly—or even monthly when meetings are separated by more than 30 days. Where an agency is not able to rely on regular meetings to adopt extension resolutions within that time frame, the agency has two potential options:

- Hold a special “AB 361” remote meeting within the 30-day window simply to re-authorize the AB 361 exceptions.
- Allow the initial resolution or extension resolution to lapse and approve a new initial resolution at the next agency meeting, subject to the same substantive and procedural requirements as the first.

It should be noted it is not entirely clear from the text of the statute that an agency may simply adopt a new initial resolution after failing to adopt an extension resolution within 30 days, and still take advantage of the retroactive application of the modified teleconference rules for that meeting. For a number of practical reasons, including the variability of active COVID-19 cases and the development of new state or local recommendations and orders, it might become necessary to do so. A conservative approach, and the one we recommend, would be to avoid lapses by holding a special meeting every 30 days to reauthorize the modified teleconference rules.

Once AB 361 authorization lapses, the normal Brown Act rules will apply and an agency seeking to hold a teleconference meeting will once again be required to post agendas and provide public access at each remote location, identify those locations in the agenda, and maintain a quorum of the board within agency boundaries. If a meeting is not held in conformity with AB 361, board members may not teleconference from their residences or other locations which are not open and accessible to the public.

CLARIFICATION ON IMPLEMENTATION DATE:

Upon its signing on September 16, 2021, AB 361 became effective immediately. However, on September 20, 2021, the Governor issued Executive Order N-15-21, clarifying that the changes in AB 361 shall be suspended until October 1, 2021, when the modified Brown Act provisions under Executive Order N-08-21 are set to expire.

CONCLUSION:

AB 361 provides relief to many agencies that have grown accustomed to the modified Brown Act teleconference rules under the emergency executive orders, though the 30-day authorization window could require agencies to hold more special meetings. Without the AB 361 exceptions, agencies will be obligated to return to normal in-person meetings or provide public access at each remote location under the traditional teleconference rules, starting October 1, 2021.

TITLE: AB 361

RECOMMENDATION:

Staff recommends the Board review and consider adoption of Resolution No. 2022-02-01

ATTACHMENTS:

1. Resolution No. 2022-02-01

STAFF RESPONSIBLE FOR REPORT:



Kevin L. King, General Manager

Date: 02/01/2022



RECLAMATION DISTRICT NO. 1000
RESOLUTION NO. 2022-02-01

**A RESOLUTION OF THE BOARD OF TRUSTEES OF RECLAMATION DISTRICT NO. 1000
PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE COVID-19 STATE OF
EMERGENCY, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF RECLAMATION
DISTRICT NO. 1000 PURSUANT TO THE RALPH M. BROWN ACT.**

At a regular meeting of the Board of Trustees of Reclamation District No. 1000 held at the District Office on the 11th day of February 2022, the following resolution was approved and adopted:

WHEREAS, Reclamation District No. 1000 (District) is committed to preserving and nurturing public access and participation in meetings of the Board of Trustees; and

WHEREAS, all meetings of the District are open and public, as required by the Ralph M. Brown Act (Gov. Code, §§ 54950 – 54963) (“Brown Act”), so that any member of the public may attend, participate, and watch the District’s legislative body conduct its business; and

WHEREAS, Assembly Bill 361 added Government Code section 54953(e) to make provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District’s boundaries, caused by natural, technological, or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Trustees previously adopted a Resolution, number 2022-01-02 on January 14, 2022, finding that the requisite conditions exist for the District to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, such conditions persist in the District, specifically, on March 4, 2020, Governor Gavin Newsom proclaimed a State of Emergency to exist in California due to the threat of COVID-

19; despite sustained efforts, the virus continues to spread and has impacted nearly all sectors of California; and

WHEREAS, the Board of Trustees does hereby find that the ongoing risk posed by the highly transmissible COVID-19 virus has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District; and

WHEREAS, as a consequence of the local emergency persisting, the Board of Trustees does hereby find that the District shall continue to conduct its meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that the Board shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision(e) of section 54953; and

WHEREAS, all meeting agendas, meeting dates, times, and manner in which the public may participate in the public meetings of the District and offer public comment by telephone or internet-based service options including video conference are posted on the District website and physically outside of the District office.

NOW, THEREFORE BE IT RESOLVED THAT:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Affirmation that Local Emergency Exists. The Board has reconsidered the conditions of the state of emergency and proclaims that a local emergency persists throughout the District because the high risk of transmissibility of COVID-19 continues to pose an imminent risk to the safety of persons in the District.

Section 3. Re-ratification of Governor’s Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California’s Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

Section 4. Remote Teleconference Meetings. District staff are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) March 13, 2022, or such time the Board of Trustees adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

ON A MOTION BY Trustee _____, seconded by Trustee _____,
the foregoing resolution was passed and adopted by the Board of Trustees of Reclamation District
No. 1000, this 11th day of February 2022, by the following vote, to wit:

AYES: Trustees:

NOES: Trustees:

ABSTAIN: Trustees:

RECUSE: Trustees:

ABSENT: Trustees:

Thomas M. Gilbert
President, Board of Trustees
Reclamation District No. 1000

CERTIFICATION:

I, Joleen Gutierrez, Secretary of Reclamation District No. 1000, hereby certify that the foregoing Resolution 2022-02-01 was duly adopted by the Board of Trustees of Reclamation District No. 1000 at the regular meeting held on the 11th day of February 2022 and made a part of the minutes thereof.

Joleen Gutierrez, District Secretary



RECLAMATION DISTRICT 1000

DATE: FEBRAURY 11, 2022

AGENDA ITEM NO. 5.6

TITLE: Local Hazard Mitigation Plan Update

SUBJECT: Review and Consider Adoption of Resolution No. 2022-02-02 – Adopting the Sacramento County Local Hazard Mitigation Plan Update.

EXECUTIVE SUMMARY:

Sacramento County, Reclamation District No. 1000 (District) and other agencies have been engaged in an update of the Local Hazard Mitigation Plan. The 2021 Local Hazard Mitigation Plan (LHMP) Update serves to update the 2016 Federal Emergency Management Agency (FEMA) approved Sacramento County LHMP. The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards. Sacramento County, 7 incorporated communities, and 24 special districts prepared the LHMP Update to the FEMA approved 2016 Sacramento County LHMP, in order to make the County and its residents less vulnerable to future hazard events. The entire 2021 Updated Plan can be accessed at the following link:

<https://waterresources.saccounty.net/stormready/Pages/2021-Local-Hazard-Mitigation-Plan.aspx>

As of December 13, 2021, (FEMA) had completed its review of the Sacramento County Local Hazard Mitigation Plan Update 2021 and has determined that the plan is eligible for final approval pending its adoption by Sacramento County and all participating jurisdictions. Staff recommends the Board review and consider adoption of Resolution No. 2022-02-02 (Attachment 1) as one of the participating jurisdictions in order for final approval by FEMA.

BACKGROUND:

The LHMP Update demonstrates the community's commitment to reducing risks from hazards and serves as a tool to help decision makers direct mitigation activities and resources. The LHMP Update was also developed, among other things, to ensure Sacramento County and participating jurisdictions' continued eligibility for certain federal disaster assistance: specifically, the FEMA Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), and the Flood Mitigation Assistance Program (FMA). Each year in the United States, natural disasters take the lives of hundreds of people and injure thousands more. Nationwide, taxpayers pay billions of dollars annually to help communities, organizations, businesses, and individuals recover from disasters. These monies only partially reflect the true cost of disasters, because additional expenses to insurance companies and nongovernmental organizations are not reimbursed by tax dollars. Many natural disasters are predictable, and much of the damage caused by these events can be alleviated or even eliminated.

TITLE: Local Hazard Mitigation Plan Update

The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards. LHMP Plan Development Process Hazard mitigation planning is the process through which hazards that threaten communities are identified, likely impacts determined, mitigation goals set, and appropriate mitigation strategies determined, prioritized, and implemented.

The LHMP Update documents the hazard mitigation planning process and identifies relevant hazards and vulnerabilities and strategies the County will use to decrease vulnerability and increase resiliency and sustainability in the community. This is a multi-jurisdictional plan with the following seeking approval of the plan by FEMA:

- City of Citrus Heights
- City of Elk Grove
- City of Folsom
- City of Galt
- City of Isleton
- City of Rancho Cordova
- City of Sacramento
- American River Flood Control District
- Citrus Heights Water District
- Cosumnes Community Services District Fire
- Los Rios Community College
- Reclamation District 3
- Reclamation District 341
- Reclamation District 349
- Reclamation District 369
- Reclamation District 551
- Reclamation District 554
- Reclamation District 556
- Reclamation District 563
- Reclamation District 800
- Reclamation District 1000
- Reclamation District 1002
- Reclamation District 1601
- Reclamation District 2111
- Sacramento County Water Agency
- Sac Metro Fire
- Sacramento Regional County Sanitation District
- Sacramento Area Sewer District
- Southgate Recreation and Park District
- Twin Rivers School District

The LHMP Update was prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 (Public Law 106-390) and the implementing regulations set forth by the Interim Final Rule published in the Federal Register on February 26, 2002, (44 CFR §201.6) and finalized on October 31, 2007. While the act emphasized the need for mitigation plans and more coordinated mitigation planning and implementation efforts, the regulations established the requirements that local hazard mitigation plans must meet in order for a local jurisdiction to be eligible for certain federal disaster assistance and hazard mitigation funding under the Robert T. Stafford Disaster Relief and Emergency Act (Public Law 93-288). The planning effort also followed FEMA's 2013 Plan Preparation Guidance. Because the Sacramento County Planning Area is subject to many kinds of hazards, access to FEMA grant programs is vital.

Attachments 2 is the LHMP Update Executive Summary and Table of Contents. Attachment 3 is the District's specific section of the LHMP. Both attachments are provided for reference.

TITLE: Local Hazard Mitigation Plan Update

RECOMMENDATION:

Staff recommends the Board review and consider adoption of Resolution No. 2022-02-02 Adopting the Sacramento County Local Hazard Mitigation Plan Update.

ATTACHMENTS:

1. Resolution No. 2022-02-02
2. Local Hazard Mitigation Plan Update: Executive Summary and Table of Contents
3. Reclamation District No 1000 Hazard Mitigation Plan (Annex L)

STAFF RESPONSIBLE FOR REPORT:



Kevin L. King, General Manager

Date: 02/03/2022



RECLAMATION DISTRICT NO. 1000
RESOLUTION NO. 2022-02-02

**A RESOLUTION OF THE BOARD OF TRUSTEES OF RECLAMATION DISTRICT NO. 1000
ADOPTING THE SACRAMENTO COUNTY HAZARD MITIGATION PLAN 2021 UPDATE.**

At a regular meeting of the Board of Trustees of Reclamation District No. 1000 held at the District Office on the 11th day of February 2022, the following resolution was approved and adopted:

WHEREAS, Reclamation District No. 1000 (District) recognizes the threat that natural hazards pose to people and property within our community; and

WHEREAS, undertaking hazard mitigation actions will reduce the potential for harm to people and property from future hazard occurrences; and

WHEREAS, the U.S. Congress passed the Disaster Mitigation Act of 2000 (“Disaster Mitigation Act”) emphasizing the need for pre-disaster mitigation of potential hazards; and

WHEREAS, the Disaster Mitigation Act made available hazard mitigation grants to state and local governments; and

WHEREAS, an adopted Local Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

WHEREAS, Reclamation District No. 1000 fully participated in the FEMA-prescribed mitigation planning process to prepare this local hazard mitigation plan; and

WHEREAS, the California Office of Emergency Services and Federal Emergency Management Agency, Region IX officials have reviewed the Sacramento County Local Hazard Mitigation Plan and approved it contingent upon this official adoption of the participating governing body; and

WHEREAS, the Reclamation District No. 1000 desires to comply with the requirements of the Disaster Mitigation Act and to augment its emergency planning efforts by formally adopting the Sacramento County Local Hazard Mitigation Plan; and

WHEREAS, adoption by the Board of Trustees for the Reclamation District No. 1000, demonstrates the jurisdiction’s commitment to fulfilling the mitigation goals and objectives outlined in this Local Hazard Mitigation Plan.

WHEREAS, adoption of this legitimizes the plan and authorizes responsible agencies to carry out their responsibilities under the plan.

NOW, THEREFORE BE IT RESOLVED THAT, Reclamation District No. 1000 adopts the Sacramento County Local Hazard Mitigation Plan as an official plan; and

BE IT FURTHER RESOLVED THAT, Reclamation District No. 1000 will submit this adoption resolution to the California Office of Emergency Services and FEMA Region IX officials to enable the plan's final approval in accordance with the requirements of the Disaster Mitigation Act of 2000.

ON A MOTION BY Trustee _____, seconded by Trustee _____, the foregoing resolution was passed and adopted by the Board of Trustees of Reclamation District No. 1000, this 11th day of February 2022, by the following vote, to wit:

AYES: Trustees:
NOES: Trustees:
ABSTAIN: Trustees:
RECUSE: Trustees:
ABSENT: Trustees:

Thomas M. Gilbert
President, Board of Trustees
Reclamation District No. 1000

CERTIFICATION:

I, Joleen Gutierrez, Secretary of Reclamation District No. 1000, hereby certify that the foregoing Resolution 2022-02-02 was duly adopted by the Board of Trustees of Reclamation District No. 1000 at the regular meeting held on the 11th day of February 2022 and made a part of the minutes thereof.

Joleen Gutierrez, District Secretary

Executive Summary

This 2021 Local Hazard Mitigation Plan (LHMP) Update serves to update the 2016 Federal Emergency Management Agency (FEMA) approved Sacramento County LHMP. The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards. Sacramento County, 7 incorporated communities, and 24 special districts prepared this LHMP Update to the FEMA approved 2016 Sacramento County LHMP, in order to make the County and its residents less vulnerable to future hazard events.

This LHMP Update demonstrates the community's commitment to reducing risks from hazards and serves as a tool to help decision makers direct mitigation activities and resources. This LHMP Update was also developed, among other things, to ensure Sacramento County and participating jurisdictions' continued eligibility for certain federal disaster assistance: specifically, the FEMA Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), and the Flood Mitigation Assistance Program (FMA).

Each year in the United States, natural disasters take the lives of hundreds of people and injure thousands more. Nationwide, taxpayers pay billions of dollars annually to help communities, organizations, businesses, and individuals recover from disasters. These monies only partially reflect the true cost of disasters, because additional expenses to insurance companies and nongovernmental organizations are not reimbursed by tax dollars. Many natural disasters are predictable, and much of the damage caused by these events can be alleviated or even eliminated. The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards.

LHMP Plan Development Process

Hazard mitigation planning is the process through which hazards that threaten communities are identified, likely impacts determined, mitigation goals set, and appropriate mitigation strategies determined, prioritized, and implemented. This LHMP Update documents the hazard mitigation planning process and identifies relevant hazards and vulnerabilities and strategies the County will use to decrease vulnerability and increase resiliency and sustainability in the community.

This is a multi-jurisdictional plan with the following seeking approval of the plan by FEMA:

- City of Citrus Heights*
- City of Elk Grove*
- City of Folsom*
- City of Galt*
- City of Isleton*
- City of Rancho Cordova*
- City of Sacramento*
- American River Flood Control District
- Citrus Heights Water District
- Cosumnes Community Services District Fire*
- Los Rios Community College*
- Reclamation District 3*

- Reclamation District 341*
- Reclamation District 349
- Reclamation District 369*
- Reclamation District 551*
- Reclamation District 554*
- Reclamation District 556*
- Reclamation District 563*
- Reclamation District 800*
- Reclamation District 1000*
- Reclamation District 1002*
- Reclamation District 1601*
- Reclamation District 2111*
- Sacramento County Water Agency
- Sac Metro Fire
- Sacramento Regional County Sanitation District*
- Sacramento Area Sewer District*
- Southgate Recreation and Park District*
- Twin Rivers School District*

* Participated in 2016 Sacramento County LHMP

This LHMP Update was prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 (Public Law 106-390) and the implementing regulations set forth by the Interim Final Rule published in the Federal Register on February 26, 2002, (44 CFR §201.6) and finalized on October 31, 2007. The County and all participating jurisdictions followed a planning process prescribed by FEMA as detailed in Table ES-1.

Table ES-1 Local Hazard Mitigation Planning Process

DMA Process	Modified CRS Process
1) Organize Resources	
201.6(c)(1)	1) Organize the Planning Effort
201.6(b)(1)	2) Involve the Public
201.6(b)(2) and (3)	3) Coordinate with Other Departments and Agencies
2) Assess Risks	
201.6(c)(2)(i)	4) Identify the Hazards
201.6(c)(2)(ii)	5) Assess the Risks
3) Develop the Mitigation Plan	
201.6(c)(3)(i)	6) Set Goals
201.6(c)(3)(ii)	7) Review Possible Activities
201.6(c)(3)(iii)	8) Draft an Action Plan
4) Implement the Plan and Monitor Progress	
201.6(c)(5)	9) Adopt the Plan
201.6(c)(4)	10) Implement, Evaluate, and Revise the Plan

The planning process began with the organizational phase to establish the Hazard Mitigation Planning Committee (HMPC) comprised of key County representatives, and other local and regional stakeholders; to involve the public; and to coordinate with other departments and agencies. A detailed risk assessment was then conducted followed by the development of a focused mitigation strategy by all participating jurisdictions or the Sacramento County Planning Area. Once approved by Cal OES and FEMA, this LHMP Update will be adopted and implemented by the County and all participating jurisdictions over the next five years.

Risk Assessment

The HMPC conducted a risk assessment that identified and profiled hazards that pose a risk to the County and participating jurisdictions, assessed the vulnerability of the Sacramento County Planning Area to these hazards, and examined the existing capabilities to mitigate them.

The Sacramento County Planning Area is vulnerable to numerous hazards that are identified, profiled, and analyzed in this Plan. Floods, earthquakes, drought, levee failures, landslides, wildfires, and other severe weather events are among the hazards that can have a significant impact on the County. Table ES-2 details the hazards identified for this Sacramento County LHMP Update.

Table ES-2 Sacramento County Hazard Identification Assessment

Hazard	Geographic Extent	Likelihood of Future Occurrences	Magnitude/Severity	Significance	Climate Change Influence
Climate Change	Extensive	Likely	Limited	Medium	–
Dam Failure	Significant	Occasional	Catastrophic	High	Medium
Drought & Water Shortage	Extensive	Likely	Limited	Medium	High
Earthquake	Extensive	Occasional	Catastrophic	Medium	Low
Earthquake Liquefaction	Limited	Occasional	Critical	Medium	Low
Floods: 1%/0.2% annual chance	Significant	Likely	Catastrophic	High	Medium
Floods: Localized Stormwater	Extensive	Highly Likely	Limited	Medium	Medium
Landslides, Mudslides, and Debris Flow	Limited	Occasional	Limited	Low	Medium
Levee Failure	Extensive	Occasional	Critical	High	Medium
Pandemic	Extensive	Likely	Catastrophic	Medium	Medium
Severe Weather: Extreme Cold and Freeze	Extensive	Highly Likely	Limited	Medium	Medium
Severe Weather: Extreme Heat	Extensive	Highly Likely	Limited	Medium	High
Severe Weather: Heavy Rains and Storms	Extensive	Highly Likely	Limited	Medium	Medium
Severe Weather: Wind and Tornado	Extensive	Highly Likely	Limited	Medium	Low
Subsidence	Significant	Highly Likely	Limited	Medium	Medium
Volcano	Extensive	Unlikely	Negligible	Low	Low
Wildfire	Significant	Highly Likely	Critical	High	High
Geographic Extent Limited: Less than 10% of planning area Significant: 10-50% of planning area Extensive: 50-100% of planning area		Magnitude/Severity Catastrophic—More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths Critical—25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability Limited—10-25 percent of property severely damaged; shutdown of facilities for more than a week; and/or injuries/illnesses treatable do not result in permanent disability Negligible—Less than 10 percent of property severely damaged, shutdown of facilities and services for less than 24 hours; and/or injuries/illnesses treatable with first aid			
Likelihood of Future Occurrences Highly Likely: Near 100% chance of occurrence in next year, or happens every year. Likely: Between 10 and 100% chance of occurrence in next year, or has a recurrence interval of 10 years or less. Occasional: Between 1 and 10% chance of occurrence in the next year, or has a recurrence interval of 11 to 100 years. Unlikely: Less than 1% chance of occurrence in next 100 years, or has a recurrence interval of greater than every 100 years.		Significance Low: minimal potential impact Medium: moderate potential impact High: widespread potential impact			
		Climate Change Influence Low: minimal potential impact Medium: moderate potential impact High: widespread potential impact			

Mitigation Strategy

Based on the results of the risk assessment, the participating jurisdictions and the HMPC developed a mitigation strategy for reducing the County's and all participating jurisdictions' risk and vulnerability to hazards. The resulting Mitigation Strategy for the Sacramento County Planning Area is comprised of LHMP goals and objectives and a mitigation action plan which includes a series of mitigation action projects and implementation measures. Based on the risk assessment, the HMPC identified goals and objectives for reducing the Sacramento County Planning Area's vulnerability to hazards. The goals and objectives of this multi-hazard mitigation plan are:

GOAL 1: Minimize risk and vulnerability of the Sacramento County community to the impacts of natural hazards, including consideration of the exacerbation of natural hazards and unique hazards due to climate change; and protect lives and reduce damages and losses to property, public health, economy, and the environment.

Goal 2: Provide protection for critical facilities, infrastructure, utilities, and services from hazard impacts, to include hardening and other efforts to establish redundancy and reliability, to prevent or minimize loss, and to facilitate recovery.

GOAL 3: Enhance public outreach, education, awareness, and preparedness for all hazards to minimize hazard related losses and to include effective strategies for reaching underserved communities and vulnerable populations.

GOAL 4: Increase community capabilities and leverage interagency and public-private coordination and resources to mitigate losses and to be prepared for, respond to, and recover from a disaster event.

GOAL 5: Assure conformance to federal and state hazard mitigation initiatives and maximize potential for mitigation implementation.

Actions to support these goals are shown on Table ES-3.

Table ES-3 Sacramento County Planning Area Mitigation Actions

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Sacramento County						
Multi-Hazard Actions						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	Unincorporated Sacramento County	2016 Action	X	X		Prevention
Action 2. Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	Unincorporated Sacramento County	2016 Action	X	X		Public Information
Action 3. County-wide Mass Care and Shelter Plan Update	Unincorporated Sacramento County	New Action	X	X		Emergency Services
Action 4. County-wide Evacuation Annex Update	Unincorporated Sacramento County	New Action	X	X		Emergency Services
Action 5. Evacuation Planning Countywide	Unincorporated Sacramento County	New Action	X	X		Prevention Emergency Services
Action 6. Expand Broadband/Wifi Access	Unincorporated Sacramento County	New Action	X	X		Emergency Services
Climate Change and Pandemic Actions						
Action 7. Implement and improve telecommuting and remote work access for County operations	Unincorporated Sacramento County	New Action	X	X		Prevention
Action 8. Implement the actions contained within the Sacramento County Climate Action/Adaptation Plan	Unincorporated Sacramento County	New Action	X	X		Prevention Property Protection Structural Projects Natural Resource Protection Public Information Emergency Services
Action 9. Develop and incentivize carbon sequestration plans and programs	Unincorporated Sacramento County	New Action	X	X		Prevention Property Protection Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 10. Update the Sacramento County Climate Action for carbon neutrality by 2030	Unincorporated Sacramento County	New Action	X	X		Prevention Property Protection Natural Resource Protection
Dam Failure, Earthquake (and liquefaction), Flood: 1%, 0.5%, 0.2% annual chance, Flood: Localized Flood, Levee Failure, Subsidence, and Severe Weather: Heavy Rains and Storms Actions						
Action 11. Bicycle/pedestrian bridge across Discovery Park connecting Garden Highway to the Jibboom Street bridge	Unincorporated Sacramento County	New Action	X	X	X	Prevention Structural Projects Natural Resource Protection Emergency Services
Action 12. Acquire Floodprone Properties	Unincorporated Sacramento County	New Action	X	X	X	Prevention Property Protection Structural Projects
Action 13. Maintain and improve railroad embankment levee from south of Freeport to south of Hood, a reach owned by CA Parks Department (Railroad Museum)	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 14. McCormack Williamson flood control weir	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 15. Flood risk mitigation for mobile home and recreational vehicle parks	Unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects
Action 16. Plan for Public Information (PPI)	Unincorporated Sacramento County	2016 Action	X	X	X	Public Information
Action 17. Mitigation of repetitive loss flood areas and properties	Unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects
Action 18. Flood risk mapping	Unincorporated Sacramento County	New Action	X	X	X	Prevention
Action 19. Storm Ready	Unincorporated Sacramento County	2016 Action	X	X	X	Prevention Emergency Services

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 20. Alder Creek flood hazard mitigation	Unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 21. Operational protocol for American River pump stations that are affected by the reoperation of Folsom Dam	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Emergency Services
Action 22. Arcade Creek flood control	Unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 23. Beach Stone Lakes area flood risk reduction program	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 24. Protect critical facilities from flooding	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Emergency Services
Action 25. Dam Safety (Activity 630)	Unincorporated Sacramento County	New Action	X	X	X	Public Information Emergency Services
Action 26. Flood fighting for Delta legacy communities: Hood, Courtland, Locke, Walnut Grove	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection Emergency Services
Action 27. Implement Delta Small Communities	Unincorporated Sacramento County	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Emergency Services Public Information
Action 28. Elevate houses to reduce flood risk	Unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 29. Flood emergency management exercises	Unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services
Action 30. Flood evacuation mapping	Unincorporated Sacramento County	2016 Action	X	X	X	Prevention Emergency Services
Action 31. Floodproofing non-residential structures	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects
Action 32. Flood insurance studies (modeling and mapping the special flood hazard area)	Unincorporated Sacramento County	New Action	X	X	X	Prevention
Action 33. Update Hydrology Standards	Unincorporated Sacramento County	2016 Action	X	X	X	Prevention
Action 34. Laguna Creek flood control, modeling, and mapping	Unincorporated Sacramento County	New Action	X	X	X	Prevention
Action 35. Update County GIS aerial photography and LiDAR topography	Unincorporated Sacramento County	New Action	X	X	X	Prevention
Action 36. Maintain and improve Sacramento River levee from south of Freeport to south of Hood, a reach owned and operated by CA DWR Maintenance Area 9	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 37. Use existing Aggregate Mining Pits for Flood Control	Unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 38. Implement Storm Drain Capital Improvement Plan	Unincorporated Sacramento County	2016 Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Public Information
Action 39. Woodside Condominiums Flood Risk Reduction	Unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 40. Implement Actions In The Courtland Flood Risk Reduction Plan 2021	Unincorporated Sacramento County	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Public Information
Action 41. Implement Actions In The Walnut Grove West Flood Risk Reduction Plan 2021	Unincorporated Sacramento County	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Public Information
Action 42. Implement Actions In The Locke Flood Risk Reduction Plan 2021	Unincorporated Sacramento County	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Public Information
Drought & Water Shortage, Severe Weather: Extreme Heat, and Wildfire Actions						
Action 43. Reduce the urban heat island effect through the implementation of "cool communities" strategies, including but not limited to, increasing tree plantings, using cool/green roofs and cool/pervious pavements	Unincorporated Sacramento County	New Action	X	X		Prevention Property Protection Natural Resource Protection
Action 44. Defensible Space and Vegetation Management; Development of Areas of Refuge	Unincorporated Sacramento County	New Action	X	X		Prevention Property Protection Natural Resource Protection
Action 45. Wildfire Suppression - Regional Parks and Open Space (urban interface)	Unincorporated Sacramento County	2016 Action	X	X		Prevention Property Protection Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 46. Wildfire Fighting - Support	Unincorporated Sacramento County	2016 Action	X	X		Prevention Property Protection Natural Resource Protection
Action 47. Wildfire Suppression	Unincorporated Sacramento County	2016 Action	X	X		Prevention Property Protection Natural Resource Protection
Severe Weather: Extreme Cold and Freeze and High Wind and Tornado Actions						
Action 48. Establish Warming Centers with Backup Power	Unincorporated Sacramento County	New Action	X	X		Emergency Services Public Information
City of Citrus Heights						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	City of Citrus Heights	2016 Action	X	X		Prevention
Action 2. Enhance Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	City of Citrus Heights	New Action	X	X	X	Public Information
Action 3. Cable Trellis w/ Vines Shading Project	City of Citrus Heights	New Action	X	X	X	Property Protection
Action 4. Trash Racks and Debris Cages Project	City of Citrus Heights	New Action	X	X	X	Property Protection
Action 5. Protection of Transportation Infrastructure Project	City of Citrus Heights	New Action	X	X	X	Property Protection Structural Projects
Action 6. Neighborhood Storm Drain Project	City of Citrus Heights	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 7. Neighborhood Storm Drain Master Plan	City of Citrus Heights	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Public Information

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 8. Storm Drain Inlet Retrofit Project	City of Citrus Heights	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 9. Reduce Citrus Heights extreme heat events and associated hazards by Increase tree planting/canopy preservation/enhancement (this is in general plan) Project	City of Citrus Heights	New Action	X	X		Prevention Property Protection Natural Resource Protection
Action 10. Increase pedestrian and bicycle evacuation routes by constructing regional bike/pedestrian trail infrastructure, and expanding connection to neighborhoods (particularly in vulnerable areas) Project	City of Citrus Heights	New Action	X	X		Emergency Services Public Information
Action 11. Interconnected Transportation System Project	City of Citrus Heights	New Action	X	X	X	Emergency Services
Action 12. Critical Facility Generator Project	City of Citrus Heights	New Action	X	X	X	Emergency Services
Action 13. Critical Street Floodproofing Project	City of Citrus Heights	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 14. Creek Maintenance and Restoration Project	City of Citrus Heights	New Action	X	X	X	Property Protection Natural Resource Protection
Action 15. CMP Storm Drain Replacement Project	City of Citrus Heights	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
City of Elk Grove						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	City of Elk Grove	2016 Action	X	X		Prevention

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 2. Enhance Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	City of Elk Grove	New Action	X	X		Public Information
Action 3. Elk Grove Green Street Project: Repurposing Urban Runoff with Green Infrastructure Technologies	City of Elk Grove	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Mutual Aid Agreements	City of Elk Grove	2016 Action	X	X	X	Emergency Service
Action 5. City of Elk Grove's Storm Drainage Master Plan (SDMP)	City of Elk Grove	2016 Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 6. Create a Climate-Smart Stormwater Management System	City of Elk Grove	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 7. Implement a Comprehensive and Climate-Smart Green Infrastructure Strategy	City of Elk Grove	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 8. Upgrade the City's Laguna West Levee System to Mitigate Climate-Related Flood Impacts	City of Elk Grove	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 9. Establish a Resilient Pedestrian and Bicycle Infrastructure Network	City of Elk Grove	New Action	X	X		Emergency Services
City of Folsom						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	City of Folsom	2016 Action	X	X		Prevention

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 2. Enhance Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	City of Folsom	2016 Action	X	X		Public Information
Action 3. Redevelopment Area Drainage Improvements	City of Folsom	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Stormwater Basin Maintenance and Operation Project	City of Folsom	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 5. Stormwater Utility Fee	City of Folsom	2016 Action	X	X	X	Prevention Property Protection
Action 6. Fuel Reduction and Modification	City of Folsom	New Action	X	X		Prevention Property Protection Natural Resource Protection
Action 7. Comprehensive Cooling City Strategy	City of Folsom	2016 Action	X	X		Prevention Property Protection
Action 8. Identification and Upgrades to Heating and Cooling Centers	City of Folsom	2016 Action	X	X		Prevention Emergency Services
Action 9. Landscape and Irrigation Modifications	City of Folsom	New Action	X	X		Prevention Property Protection Natural Resource Protection
Action 10. Landscape Ordinance and Model Water Efficient Landscape Ordinance Implementation	City of Folsom	New Action	X	X		Prevention
Action 11. Post Disaster Staff Training	City of Folsom	New Action	X	X		Emergency Services
Action 12. Weed Abatement Program	City of Folsom	2016	X	X		Prevention Property Protection Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
City of Galt						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	City of Galt	2016 Action	X	X		Prevention
Action 2. Enhance Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	City of Galt	New Action	X	X		Public Information
Action 3. Future Development Projects shall complete a Climate Action Plan Consistency Review Checklist.	City of Galt	New Action	X	X		Prevention
Action 4. Develop a Robust Geographic Based System (GIS) to Geographically Locate Issues/Actions/Mitigation in the City.	City of Galt	New Action	X	X		Prevention
Action 5. Perform Vegetative Control of City Drainages and Channels by Natural Methods	City of Galt	New Action	X	X		Property Protection Natural Resource Protection
Action 6. Continue Work with the Other Groundwater Sustainability Agencies (GSAs) in the Cosumnes Subbasin of the San Joaquin Valley Basin (DWR Basin No. 5-022.16) who are Working Together to Develop a Single Groundwater Sustainability Plan (GSP).	City of Galt	New Action	X	X		Prevention Property Protection Natural Resource Protection
Action 7. Increase Resiliency of City Critical Infrastructure and Emergency Operations and against Hazards.	City of Galt	New Action	X	X		Emergency Service
Action 8. Maintain City Drainages, Channels and Open Spaces	City of Galt	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
City of Isleton						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	City of Isleton	2016 Action	X	X		Prevention

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 2. Enhance Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	City of Isleton	New Action	X	X		Public Information
Action 3. Support climate change mitigation laws	City of Isleton	New Action	X	X		Prevention
Action 4. Support drought mitigation laws. Establish RWIP (Redundant Water for Isleton Plan)	City of Isleton	New Action	X	X		Prevention Property Protection Natural Resource Protection
Action 5. Levee Reinforcement Projects	City of Isleton	New Action	X	X	X	Property Protection Natural Resource Protection Structural Projects
Action 6. Implement IFIP (Isleton Flood Improvement Plan) and create and activate IFMA (Isleton Flood Management Agency)	City of Isleton	New Action	X	X	X	Prevention Property Protection Natural Resource Protection Structural Projects
Action 8. Activate Emergency Operation Plan (Cooling Center)	City of Isleton	New Action	X	X	X	Emergency Services
Action 9. Storm Water Runoff Rehabilitation Project	City of Isleton	2016 Action	X	X	X	Property Protection Natural Resource Protection Structural Projects
Action 10. Wastewater Treatment Plant Pond Levee Elevation Raise to 200-year Flood Standard	City of Isleton	2016 Action	X	X	X	Property Protection Natural Resource Protection Structural Projects
City of Sacramento						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	City of Sacramento	2016 Action	X	X		Prevention
Action 2. Enhance Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	City of Sacramento	New Action	X	X	X	Public Information

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 3. Coordination with Relevant Organizations and Agencies to Consider the Impacts of Urbanization and Climate Change on Long-Term Natural Hazard Safety	City of Sacramento	2016 Action	X	X		Prevention
Action 4. Maintain and Identify Changes in Critical Facilities GIS Layer to Support Emergency Management Efforts	City of Sacramento	2016 Action	X	X	X	Prevention Emergency Services
Action 5. Community Outreach on Multi-Hazard Preparation & Pre-mitigation	City of Sacramento	2016 Action	X	X	X	Public Information
Action 6. Evaluation and Mitigation of Critical Facilities in Identified Hazard Areas	City of Sacramento	2016 Action	X	X	X	Prevention Emergency Services
Action 7. Retrofit of Repetitive Loss Properties	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Projects
Action 8. Safeguard Essential Communication Services	City of Sacramento	2016 Action	X	X	X	Prevention Emergency Services
Action 9. Multi-lingual Disaster Education	City of Sacramento	2016 Action	X	X	X	Prevention Emergency Services Public Information
Action 10. Cal OES Safety Assessment Program Evaluators	City of Sacramento	2016 Action	X	X	X	Prevention Emergency Services
Action 11. National Flood Insurance Program & Community Rating System Continuation	City of Sacramento	2016 Action	X	X	X	Prevention
Action 12. Develop a Master Generation Plan for Pump Stations	City of Sacramento	2016 Action	X	X	X	Prevention Property Protection
Action 13. Develop a Disaster Housing Plan	City of Sacramento	2016 Action	X	X		Prevention Emergency Services
Action 14. Disaster Resistant Business Program	City of Sacramento	2016 Action	X	X		Prevention Emergency Services
Action 15. Develop Enhanced Emergency Planning for Special Needs Populations in the City of Sacramento Emergency Operations Plan and Other Planning Documents	City of Sacramento	2016 Action	X	X		Prevention Emergency Services

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 16. Establish a Post-Disaster Action Plan	City of Sacramento	2016 Action	X	X		Emergency Services
Action 17. Flood Recovery Plan	City of Sacramento	2016 Action	X	X	X	Emergency Services
Action 18. Public Information Flood Response Plan (Action #18 from 2016)	City of Sacramento	2016 Action	X	X	X	Public Information
Action 19. Construction of a New Emergency Operation Center (EOC) (Action 19 from 2016 plan)	City of Sacramento	2016 Action	X	X		Emergency Services
Action 20. Emergency Operation Center (EOC) Expansion and Information Technology Upgrade (Action 20 from 2016 plan)	City of Sacramento	2016 Action	X	X		Prevention Emergency Services
Action 21. Protection of Transportation Infrastructure (Action 21 from 2016 plan)	City of Sacramento	2016 Action	X	X		Emergency Services Property Protection Structural Projects
Action 22. Public Education Campaign for Everbridge System (Action 22 from 2016 plan)	City of Sacramento	2016 Action	X	X		Public Information Emergency Services
Action 23. Regional Emergency and Disaster Preparedness Exercises to Test Operational & Emergency Plans (Action 23 from the 2016 plan)	City of Sacramento	2016 Action	X	X		Emergency Services
Action 24. Special Needs and Critical Facilities Database and Advanced Warning System (Action 24 from 2016 plan)	City of Sacramento	2016 Action	X	X	X	Emergency Services Public Information
Action 25. Asset Inventory	City of Sacramento	2016 Action	X	X		Prevention
Action 26. Protection of City Information Technology Infrastructure (Action 27 from 2016 plan)	City of Sacramento	2016 Action	X	X		Prevention Emergency Services
Action 27. Travel Time Model for Lower American and Sacramento Rivers and their Major Tributaries (Action 29 from 2016 plan)	City of Sacramento	2016 Action	X	X	X	Prevention
Action 28. Watershed Spill Contamination to Drinking Water Quality: Preparedness for Events and Recovery	City of Sacramento	2016 Action	X	X		Prevention Property Protection
Action 29. Purchase Drones for Use in Disaster Preparedness, Mitigation, and Response	City of Sacramento	2016 Action	X	X	X	Emergency Services

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 30. Map and Assess Vulnerability to Sea Level Rise (Action 32 from 2016 plan)	City of Sacramento	2016 Action	X	X		Prevention
Action 31. Emission Study of City Sump and Pump Stations (Action 33 from 2016 plan)	City of Sacramento	2016 Action	X	X		Prevention
Action 32. Climate Change Mitigation Actions/Climate Change Adaptation Plan for Drinking Water Quality (Action 34 from 2016 plan)	City of Sacramento	2016 Action	X	X		Prevention Property Protection
Action 33. Harmful Algal Bloom (HAB) Surveillance and Response Planning (Action 35 from 2016 plan)	City of Sacramento	2016 Action	X	X		Prevention Property Protection
Action 34. Perform a Groundwater Recharge Feasibility Study (Action 37 from 2016 plan)	City of Sacramento	2016 Action	X	X		Prevention Property Protection Natural Resource Protection
Action 35. Retrofit Historical Buildings	City of Sacramento	2016 Action	X	X		Prevention Property Protection Structural Projects
Action 36. Heating Centers in High Priority Locations	City of Sacramento	2016 Action	X	X		Prevention Emergency Services Public Information
Action 37. Cooling Centers in High Priority Locations	City of Sacramento	2016 Action	X	X		Prevention Emergency Services Public Information
Action 38. Extreme Weather Outreach Strategy	City of Sacramento	2016 Action	X	X		Prevention Emergency Services Public Information
Action 39. Severe Weather Action Plan	City of Sacramento	2016 Action	X	X		Prevention Emergency Services
Action 40. Coordinate with Stakeholder on Proposed Flood Control Project on Magpie Creek	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Project Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 41. Adopt Additional Floodplain Development Standards	City of Sacramento	2016 Action	X	X	X	Prevention
Action 42. Drainage Projects for Repetitive Loss Properties	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Project Natural Resource Protection
Action 43. Emergency Notification and Evacuation Planning	City of Sacramento	2016 Action	X	X	X	Emergency Services Public Information
Action 44. Historic Magpie Creek	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Project Natural Resource Protection
Action 45. Natomas Internal Drainage Canals/Levees	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Project Natural Resource Protection
Action 46. Drainage Projects from the City's Priority Drainage Project List	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Project Natural Resource Protection
Action 47. Projects Identified in the Combined Sewer System Improvement Plan Update	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Project Natural Resource Protection
Action 48. Easements for Open Land Along Levees	City of Sacramento	2016 Action	X	X	X	Prevention
Action 49. Emergency Management Planning and Levee Security	City of Sacramento	2016 Action	X	X	X	Emergency Services
Action 50. Flood Fighting Equipment	City of Sacramento	2016 Action	X	X	X	Emergency Services
Action 51. Flood Management Land Use Planning and Development	City of Sacramento	2016 Action	X	X	X	Prevention

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 52. Florin Creek Pump at Pomegranate Avenue	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 53. Internal Drainage System Improvements	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 54. Levee and Structural Flood Management Improvements	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 55. Master planning to identify facilities needed to prevent 10-year event street flooding and 100-year event structure flooding	City of Sacramento	2016 Action	X	X	X	Prevention
Action 56. Retrofit Pumping Plans with Discharge Monitoring Devices	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 57. Risk Communication and NFIP/CRS Projects	City of Sacramento	2016 Action	X	X	X	Prevention Public Information
Action 58. Trash Racks and Debris Cages	City of Sacramento	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 59. Multi-Jurisdictional Modeling for Drainage Watersheds Greater than 10 Square Miles	City of Sacramento	2016 Action	X	X	X	Prevention
Action 60. Post-Flood Water Treatment Facility Recovery	City of Sacramento	2016 Action	X	X	X	Emergency Services Property Protection
Action 61. Tree Trimming & Debris Removal	City of Sacramento	2016 Action	X	X		Property Protection Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 62. Install redundancies and Loop Feeds for Power Lines & Infrastructure	City of Sacramento	2016 Action	X	X		Property Protection
Action 63. Stabilization of Erosion Hazard Areas	City of Sacramento	2016 Action	X	X		Property Protection Structural Projects
Action 64. Implement a Fire Education and Information Program	City of Sacramento	2016 Action	X	X		Prevention Public Information
Action 65. Fuels Reduction on the American River Parkway	City of Sacramento	2016 Action	X	X		Property Protection Structural Projects Natural Resource Protection
Action 66. Outreach on the Effects of Smoke on Air Quality	City of Sacramento	2016 Action	X	X		Public Information
Action 67. Implement 2040 Climate Action and Adaptation Plan	City of Sacramento	New Action	X	X		Property Protection Natural Resource Protection
City of Rancho Cordova						
Action 1. Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	City of Rancho Cordova	2016 Action	X	X		Prevention
Action 2. Enhance Public Education and Awareness of Natural Hazards and Public Understanding of Disaster Preparedness	City of Rancho Cordova	New Action	X	X		Public Information
Action 3. Sunrise Blvd Widening Kiefer to Jackson	City of Rancho Cordova	2016 Action	X	X	X	Property Protection Structural Projects
Action 4. City of Rancho Cordova Disaster Debris Management Plan	City of Rancho Cordova	New Action	X	X		Emergency Services
Action 5. Transportation Interconnectivity	City of Rancho Cordova	2016 Action	X	X		Emergency Services
Action 6. Intergovernmental Agreement between the County of Sacramento and the City of Rancho Cordova	City of Rancho Cordova	2016 Action	X	X		Prevention Emergency Services

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 7. Land Use (Long Range)	City of Rancho Cordova	2016 Action	X	X		Prevention Natural Resource Protection
Action 8. Post disaster training for staff	City of Rancho Cordova	2016 Action	X	X		Emergency Services
Action 9. Update/Maintain Emergency Operation Plans (EOPs)	City of Rancho Cordova	2016 Action	X	X		Emergency Services
Action 10. Increase Everbridge Enrollment	City of Rancho Cordova	2016 Action	X	X		Emergency Services
Action 11. Developing and maintaining a database to track community vulnerability	City of Rancho Cordova	2016 Action	X	X		Prevention Emergency Services
Action 12. Landscape and Irrigation Requirements/Retro	City of Rancho Cordova	2016 Action	X	X		Prevention Public Information
Action 13. Landscape Ordinance and Model Water Efficient Landscape Ordinance Implementation	City of Rancho Cordova	2016 Action	X	X	X	Prevention Natural Resource Protection
Action 14. Restrict Impervious Surfaces in Front Yards	City of Rancho Cordova	2016 Action	X	X	X	Prevention Natural Resource Protection Public Information
Action 15. Porous pavement and vegetative buffers	City of Rancho Cordova	2016 Action	X	X	X	Prevention Property Protection Natural Resource Protection
Action 16. Storm Water Pump Station Generator Purchase and Infrastructure Upgrades	City of Rancho Cordova	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 17. SB-5 Urban Level of Flood Protection	City of Rancho Cordova	2016 Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 18. Channel Vegetation Management and Erosion Control Projects	City of Rancho Cordova	2016 Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 19. Adoption of Hydromodification and Low Impact Development (LID) Standards	City of Rancho Cordova	2016 Action	X	X	X	Prevention Property Protection Natural Resource Protection
Action 20. Implement Projects in the Stormwater Capital Improvement Program Master Plan	City of Rancho Cordova	2016 Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 21. Sunrise Blvd. & Monier Circle Drainage Improvements	City of Rancho Cordova	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 22. Roundabouts	City of Rancho Cordova	2016 Action	X	X		Prevention Property Protection Structural Projects
Action 23. Dam Failure Mitigation and Preparedness for Evacuations	City of Rancho Cordova	New Action	X	X		Property Protection Natural Resource Protection
Action 24. Wildfire Weed Reduction and Resiliency	City of Rancho Cordova	New Action	X	X		Property Protection Natural Resource Protection
American River Flood Control District						
Action 1. Arcade Creek Erosion Repair Project	ARFCD and unincorporated Sacramento County	New Action	X	X	X	Property Protection Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 2. American River Emergency Rock Revetment Preparedness Stockpile	ARFCD and unincorporated Sacramento County	New Action	X	X	X	Property Protection Natural Resource Protection
Action 3. Highway 160 Bridge Gap Levee Access	ARFCD and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Citrus Heights Water District						
Action 1. Implement ASR Technology	CHWD and unincorporated Sacramento County	New Action	X	X		Prevention
Action 2. Construction of a New Storage Tank	CHWD and unincorporated Sacramento County	New Action	X	X		Property Protection Structural Projects
Action 3. Construction of a New Operations Building	CHWD and unincorporated Sacramento County	New Action	X	X		Property Protection Structural Projects
Cosumnes Community Services District						
Action 1. Drought Mitigation Planning	Cosumnes CSD and unincorporated Sacramento County	New Action	X	X		Prevention
Action 2. Enhance the District's Public Education, Awareness, and Outreach Program to Include all Hazards of Concern	Cosumnes CSD and unincorporated Sacramento County	New Action	X	X		Prevention
Action 3. Integrate the LHMP into Cosumnes CSD Strategic Plans	Cosumnes CSD and unincorporated Sacramento County	New Action	X	X		Prevention
Action 4. Wildfire Staffing	Cosumnes CSD and unincorporated Sacramento County	New Action	X	X		Prevention

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 5. Mutual Aid Agreements	Cosumnes CSD and unincorporated Sacramento County	New Action	X	X		Prevention
Action 6. Continue Vegetation Management Program	Cosumnes CSD and unincorporated Sacramento County	New Action	X	X		Prevention
Los Rios Community College						
Action 1. Pandemic Response Plan	Los Rios Community College	New Action	X	X		Prevention Emergency Services
Action 2. Emergency Operations Plan Update	Los Rios Community College	New Action	X	X		Prevention Emergency Services
Action 3. COVID-19 Education/Information Program	Los Rios Community College	New Action	X	X		Prevention Public Information
Action 4. Installing a Microgrid Project, at the Folsom Lake College, El Dorado Center (EDC) in Placerville, CA	Los Rios Community College	New Action	X	X		Prevention Emergency Service
Action 5. Backup Power for Police Dispatch	Los Rios Community College	New Action	X	X		Emergency Services
Action 6. Tree Mitigation – Districtwide	Los Rios Community College	New Action	X	X		Property Protection Natural Resource Protection
RD 800						
Action 1. Reclamation District 800 Emergency Levee Repair Project	RD 800 and unincorporated Sacramento County	2016 Action	X	X		Property Protection Structural Projects Natural Resource Protection
RD 1000						
Action 1. Asset Management Plan Update	RD 1000 and unincorporated Sacramento County	New Action	X	X	X	Prevention

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 2. Corporation Yard Improvements	RD 1000 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3. Waterside Levee Inspection Capability	RD 1000 and unincorporated Sacramento County	New Action	X	X	X	Property Protection
Action 4. Pleasant Grove Area Levee Improvements	RD 1000 and unincorporated Sacramento County	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 5. Plant 1 Emergency Generator Natural Gas Conversion and Mobile Generators for Plants 2, 3 and 5	RD 1000 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection Emergency Services
Action 6. Plant 8 Improvements	RD 1000 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 7. Expanded SCADA System	RD 1000 and unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Natural Resource Protection
Action 8. Update Emergency Operations Plan and Staffing	RD 1000 and unincorporated Sacramento County	New Action	X	X	X	Emergency Services
Sacramento County Water Agency						
Action 1. Flood Hazard Mitigation	SCWA and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 2. Improve Water Supply Portfolio	SCWA and unincorporated Sacramento County	New Action	X	X		Prevention
Action 3. Seismic Upgrades	SCWA and unincorporated Sacramento County	New Action	X	X		Property Protection Structural Projects Natural Resource Protection
Sac Metro Fire						
Action 1. Finalization and Implementation of Metro Fire's Community Risk Assessment and Associated Community Risk Reduction Plan	SMFD	New Action	X	X		Prevention Property Protection Structural Projects Natural Resource Protection Public Information Emergency Services
Action 2. Evaluation and Implementation of Measures Necessary to Mitigate Fire Stations that Would be Directly Affected by Dam Failure	SMFD	New Action	X	X		Property Protection Structural Projects Emergency Services
Action 3. Modernization/Upgrade all District Facilities to Comply with Essential Services Code Requirements	SMFD	New Action	X	X		Property Protection Structural Projects Emergency Services
Action 4. Community Wildfire Protection Plan (CWPP) – Revision and Implementation of Resulting Changes	SMFD	New Action	X	X		Prevention Property Protection Structural Projects Natural Resource Protection Emergency Services Public Information
Action 5. Relocate the Essential Facilities in the 200 year Floodplain	SMFD	New Action	X	X	X	Property Protection Structural Projects Emergency Services

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Sacramento Regional Sanitation District						
Action 1. Develop Climate Change Resiliency Plan	Regional San and unincorporated Sacramento County	New Action	X	X		Prevention
Action 2. Replace current equipment with touchless technologies	Regional San and unincorporated Sacramento County	New Action	X	X		Property Protection Structural Projects
Action 3. Complete I&I Study and Develop I&I Policy	Regional San and unincorporated Sacramento County	New Action	X	X		Prevention Property Protection Structural Projects Natural Resource Protection
Action 4. Regional San Biogeneration Facility	Regional San and unincorporated Sacramento County	New Action	X	X		Property Protection Structural Projects Natural Resource Protection
Action 5. Reduction of Fire Hazard of Regional San Bufferlands	Regional San and unincorporated Sacramento County	2016 Action	X	X		Property Protection Natural Resource Protection
Action 6. Update GHG Emissions Inventory	Regional San and unincorporated Sacramento County	New Action	X	X		Prevention Property Protection
Action 7. Study Telecommute Options and Enhanced Information Technology Needs to Support Workforce	Regional San and unincorporated Sacramento County	New Action	X	X		Prevention
Sacramento Area Sewer District						
Action 1. Flood Control	SASD and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2. Pandemic Planning	SASD and unincorporated Sacramento County	New Action	X	X		Prevention

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Southgate Recreation and Park District						
Action 1. Drought Mitigation Actions/Drought Contingency Plan	SRPD and unincorporated Sacramento County	2016 Action	X	X		Prevention Property Protection Natural Resource Protection
Action 2. Flood Mitigation Actions/Land Acquisition	SRPD and unincorporated Sacramento County	2016 Action	X	X		Prevention Property Protection Structural Projects
Action 3. Conservation Easements	SRPD and unincorporated Sacramento County	2016 Action	X	X		Prevention
Action 4. Multi-jurisdictional Cooperation within Watersheds	SRPD and unincorporated Sacramento County	2016 Action	X	X		Prevention
Action 5. Storm Water Management Practices – Implement Storm Water Management Practices as identified in Stormwater Quality Design Manual	SRPD and unincorporated Sacramento County	2016 Action	X	X		Prevention Property Protection Structural Projects Natural Resource Protection
Action 6. Severe Weather: Heavy Rains and Storms Mitigation Actions/Tree Management	SRPD and unincorporated Sacramento County	2016 Action	X	X		Property Protection Natural Resource Protection
Action 7. Integrate Local Hazard Mitigation Plan into District Master Plan	SRPD and unincorporated Sacramento County	New Action	X	X		Prevention
Action 8. Covid-19 Response Plan	SRPD and unincorporated Sacramento County	New Action	X	X		Emergency Services
Twin Rivers School District						
Action 1. Reduce Risks to Property and Life due to Earthquake	TRSD	New Action	X	X		Property Protection Structural Projects
Action 2. Reduce Risk to Flooding of Northern Area Schools	TRSD	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 3. Stormdrain Upgrades/Revise and Update Districtwide Stormwater Prevention Plan	TRSD	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection
Action 4. Prevent Loss of Life or Injury due to Extreme Heat	TRSD	New Action	X	X		Prevention Emergency Services
Action 5. Evacuation for Heavy Rains, Storms, Winds, and ALL Hazards	TRSD	New Action	X	X		Emergency Services
Action 6. Trees Trimmed/ Vegetation Removed to Minimize Impact During Fire Season	TRSD	New Action	X	X		Property Protection Natural Resource Protection
BALMD						
Action 1. 2016 Sacramento County Flood Safety Plan (by GEI) and subsequent updating in 2021.	BALMD, RD 317, RD 407, RD 2067	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Emergency Services Public Information
Action 2. Regional Flood Management Plan Projects	BALMD, RD 317, RD 407, RD 2067	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Emergency Services Public Information
Action 3. Small Communities Plans – Flood Protection – Structural and Nonstructural Mitigation	BALMD, RD 317, RD 407, RD 2067	New Action	X	X	X	Prevention Property Protection Structural Projects Natural Resource Protection Emergency Services Public Information

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 4. 2021 Emergency Operations Plan (EOP) – Currently in development	BALMD, RD 317, RD 407, RD 2067	New Action	X	X	X	Prevention Emergency Services
RD 3						
Action 1. 2017 and 2019 Storm Event Waterside Erosion Repairs	RD 3 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2. FSRP Critical Erosion Repair	RD 3 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3. Steamboat Slough Seepage Repairs	RD 3 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Interior Drainage Improvements	RD 3 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 5. Relief Cut Plan	RD 3 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 6. Implement recommendations in West Walnut Grove Flood Risk Reduction Plan	RD 3 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 7. Addressing Unacceptable Items in the District's USACE Periodic Inspection Report	RD 3 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
RD 341						
Action 1. San Joaquin River Multi-Benefit Project	RD 341 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
RD 349						
Action 1. 2017 and 2019 Storm Event Waterside Erosion Repairs	RD 349 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2. Interior Drainage Improvements	RD 349 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3. Addressing Unacceptable Items in the District's USACE Periodic Inspection Report	RD 349 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Relief Cut Plan	RD 349 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
RD 369						
Action 1. Backup Power Project	RD 369 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services Property Protection
Action 2. Flood Safety Plan Updates, Training, and Exercises	RD 369 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services Public Outreach
Action 3. Small Communities Plans - flood protection - structural and nonstructural mitigation	RD 369 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
RD 551						
Action 1. 2017 and 2019 Storm Event Waterside Erosion Repairs	RD 551 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2. FSRP Critical Seepage Repair	RD 551 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3. Addressing Unacceptable Items in the District's USACE Periodic Inspection Report	RD 551 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Interior Drainage Improvements	RD 551 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 5. Implement recommendations in Courtland Flood Risk Reduction Plan	RD 551 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
RD 554						
Action 1. Small Communities Plans – Flood Protection – Structural and Nonstructural Mitigation	RD 554	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2. Disadvantaged Community Projects and subsequent updating in 2021.	RD 554	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 3. 2016 Sacramento County Flood Safety Plan (by GEI) and subsequent updating in 2021.	RD 554	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. 2021 Emergency Operations Plan (EOP) – Currently in development	RD 554	New Action	X	X	X	Prevention Emergency Services
Action 5. Regional Flood Management Plan Projects	RD 554	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
RD 556						
Action 1. 2021 Emergency Operations Plan (EOP) – Currently in development	RD 556	New Action	X	X	X	Prevention Emergency Services
Action 2. 2016 Sacramento County Flood Safety Plan (by GEI) and subsequent updating in 2021.	RD 556	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3. Regional Flood Management Plan Projects	RD 556	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
RD 563						
Action 1. Rock Slope Protection Project	RD 563 and unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2. Levee Geometry Levee Improvement Project	RD 563 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 3. Levee Failure Repair Project	RD 563 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Levee Seepage Repair Project	RD 563 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 5. Backup Power Generator Project	RD 563 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services
Action 6. Flood Exercise and Emergency Operations Plan Update	RD 563 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services
RD 1002						
Action 1.Regional Flood Management Plan Projects	RD 1002 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2.2016 Sacramento County Flood Safety Plan (by GEI) and subsequent updating in 2021.	RD 1002 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3.2021 Emergency Operations Plan (EOP) – Currently in development	RD 1002 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services
RD 1601						
Action 1. Levee Improvement Project	RD 1601 and unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 2. Rock Slope Protection Project	RD 1601 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3. San Joaquin River Setback Levee	RD 1601 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Backup Power Project	RD 1601 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services
Action 5. Flood Safety Plan Updates, Training, and Exercises	RD 1601 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services
RD 2111						
Action 1. Rock Slope Protection Project	RD 2111 and unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 2. Levee Improvement Projects	RD 2111 and unincorporated Sacramento County	2016 Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 3. Overflow Weir Project	RD 2111 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection
Action 4. Syphon Project	RD 2111 and unincorporated Sacramento County	New Action	X	X	X	Property Protection Structural Projects Natural Resource Protection

Action Title	Jurisdictions Benefitting from Action (s)	New Action/ 2016 Action	Address Current Development	Address Future Development	Continued NFIP Compliance	Mitigation Type
Action 5. Backup Power Project	RD 2111 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services
Action 6. Flood Safety Plan Updates, Training, and Exercises	RD 2111 and unincorporated Sacramento County	New Action	X	X	X	Prevention Emergency Services

Table of Contents

Chapters

1	INTRODUCTION	1-1
1.1	Purpose	1-1
1.2	Background and Scope	1-1
1.3	Community Profile	1-3
1.3.1	History	1-5
1.3.2	Geography and Climate	1-5
1.3.3	Population and Demographics	1-6
1.3.4	Economy and Tax Base	1-7
1.4	Plan Organization	1-10
2	WHAT'S NEW	2-1
2.1	What's New in the Plan Update	2-1
2.2	Summary of Significant Changes to Current Conditions and Hazard Mitigation Priorities	2-3
2.3	2016 LHMP Mitigation Strategy Status and Successes	2-8
2.3.1	Success Stories	2-10
2.3.2	2016 Mitigation Strategy Update	2-20
3	PLANNING PROCESS	3-1
3.1	Local Government Participation	3-1
3.2	The 10-Step Planning Process	3-3
3.2.1	Phase 1: Organize Resources	3-5
3.2.2	Phase 2: Assess Risks	3-23
3.2.3	Phase 3: Develop the Mitigation Plan	3-23
3.2.4	Phase 4: Implement the Plan and Monitor Progress	3-24
4	RISK ASSESSMENT	4.1
4.1	Hazard Identification	4-2
4.1.1	Results and Methodology	4-2
4.1.2	Disaster Declaration History	4-7
4.2	Sacramento County Assets at Risk	4-10
4.2.1	Values at Risk	4-10
4.2.2	Critical Facility Inventory	4-14
4.2.3	Cultural, Historical, and Natural Resources	4-24
4.2.4	Growth and Development Trends	4-47
4.3	Hazard Profiles and Vulnerability Assessment	4-64
4.3.1	Severe Weather: General	4-75
4.3.2	Severe Weather: Extreme Cold and Freeze	4-77
4.3.3	Severe Weather: Extreme Heat	4-84
4.3.4	Severe Weather: Heavy Rains and Storms	4-96

4.3.5.	Severe Weather: High Winds and Tornadoes	4-112
4.3.6.	Climate Change.....	4-124
4.3.7.	Dam Failure	4-138
4.3.8.	Drought and Water Shortage	4-180
4.3.9.	Earthquake	4-195
4.3.10.	Earthquake: Liquefaction.....	4-212
4.3.11.	Flood: 1%/0.2% Annual Chance.....	4-219
4.3.12.	Flood: Localized Flooding.....	4-301
4.3.13.	Landslide/Mudslide/Debris Flows	4-306
4.3.14.	Levee Failure	4-311
4.3.15.	Pandemic.....	4-340
4.3.16.	Subsidence	4-344
4.3.17.	Volcano.....	4-356
4.3.18.	Wildfire.....	4-366
4.3.19.	Natural Hazards Summary.....	4-419
4.4	Capability Assessment	4-421
4.4.1.	Sacramento County’s Regulatory Mitigation Capabilities	4-421
4.4.2.	Sacramento County’s Administrative/Technical Mitigation Capabilities	4-435
4.4.3.	Sacramento County’s Fiscal Mitigation Capabilities.....	4-437
4.4.4.	Sacramento County Mitigation Education, Outreach, and Partnerships.....	4-438
4.4.5.	Other Mitigation Efforts	4-439
5	MITIGATION STRATEGY.....	5-1
5.1	Mitigation Strategy: Overview	5-1
5.1.1	Continued Compliance with NFIP.....	5-1
5.1.2	Integration of Mitigation with Post Disaster Recovery and Mitigation Strategy Funding Opportunities	5-5
5.2	Goals and Objectives.....	5-7
5.3	Identification and Analysis of Mitigation Actions	5-9
5.3.1	Prioritization Process	5-13
5.4	Mitigation Action Plan	5-15
6	PLAN ADOPTION.....	6-1
7	PLAN IMPLEMENTATION AND MAINTENANCE	7-1
7.1	Implementation.....	7-1
7.1.1	Role of Hazard Mitigation Planning Committee in Implementation and Maintenance.....	7-2
7.2	Maintenance	7-3
7.2.1	Maintenance Schedule	7-3
7.2.2	Maintenance Evaluation Process	7-3
7.2.3	Incorporation into Existing Planning Mechanisms.....	7-5
7.2.4	Continued Public Involvement	7-6

Annexes

Annex A: City of Citrus Heights

Annex B: City of Elk Grove

Annex C: City of Folsom

Annex D: City of Galt

Annex E: City of Rancho Cordova

Annex F: City of Sacramento

Annex G: American River Flood Control District

Annex H: Citrus Heights Water District

Annex I: Cosumnes Community Services District Fire

Annex J: Los Rios Community College

Annex K: Reclamation District 800

Annex L: Reclamation District 1000

Annex M: Sacramento County Water Agency

Annex N: Sacramento Metro Fire District

Annex O: Sacramento Regional County Sanitation District*

Annex P: Sacramento Area Sewer District*

Annex Q: Southgate Recreation and Park District*

Annex R: Twin Rivers School District

Annex S: Delta Annex:

Delta Annex Chapter 1: City of Isleton

Delta Annex Chapter 2: Brannan Andrus Levee Maintenance District (Reclamation Districts 317, 407, 2067)

Delta Annex Chapter 3: Reclamation District 3

Delta Annex Chapter 4: Reclamation District 341

- Delta Annex Chapter 5:** Reclamation District 349
- Delta Annex Chapter 6:** Reclamation District 369
- Delta Annex Chapter 7:** Reclamation District 551
- Delta Annex Chapter 8:** Reclamation District 554
- Delta Annex Chapter 9:** Reclamation District 556
- Delta Annex Chapter 10:** Reclamation District 563
- Delta Annex Chapter 11:** Reclamation District 1002
- Delta Annex Chapter 12:** Reclamation District 1601
- Delta Annex Chapter 13:** Reclamation District 2111

Appendices

- Appendix A:** Planning Process
- Appendix B:** References
- Appendix C:** Mitigation Strategy
- Appendix D:** Adoption Resolution
- Appendix E:** Threatened and Endangered Species
- Appendix F:** Critical Facilities
- Appendix G:** Survey
- Appendix H:** RLAA
- Appendix I:** Watershed Management Plan

Abbreviations and Acronyms

Acronym	Definition
AB	Assembly Bill
ACS	American Community Survey
ALERT	Automated Local Evaluation in Real Time
APG	Adaptation Planning Guide
APN	Assessor Parcel Numbers
AQI	Air Quality Index
BAM	Best Available Map
BCEGS	Building Code Effectiveness Grading Schedule
BFE	Base Flood Elevation
BLM	Bureau of Land Management
BRACE	Building Resilience Against Climate Effects
BRIC	Building Resilient Infrastructure and Communities
BW	Biggert Waters
CAC	Community Assistance Contact
CAISO	California Independent System Operator
CBC	California Building Code
CA DWR	California Department of Water Resources
Cal OES	California Office of Emergency Services
CAP	Climate Action Plan
CAS	Climate Adaptation Strategy
CAV	Community Assistance Visit
CCHPR	Climate Change and Health Profile Report
CCSM3	Community Climate System Model Version 3
CCTCRR	Central California Traction Company Railroad
CDAA	California Disaster Assistance Act
CDC	Center for Disease Control
CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
CDPH	California Department of Health
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CFS	Cubic Feet per Second
CGS	California Geological Survey
CHP	California Highway Patrol
CIP	Capital Improvements Plan

Acronym	Definition
CNNDB	California Natural Diversity Database
CNPS	California Native Plant Society
CNRA	California Natural Resource Agency
CPUC	California Public Utilities Commission
CRS	Community Rating System
CRV	Contents Replacement Values
CVFPB	Central Valley Flood Protection Board
CVP	Central Valley Project
DAC	Disadvantaged Community Status
DFIRM	Digital Flood Insurance Rate Map
DHA	Department of Human Assistance
DMA	Disaster Mitigation Act
DSA	Division of the State Architect
DSOD	Division of Safety of Dams
EF	Enhanced Fujita
EOC	Emergency Operation Center
EOP	Emergency Operations Plan
ESF	Emergency Support Function
F	Fujita
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHSZ	Fire Hazard Severity Zones
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FMA	Flood Mitigation Assistance
FMMP	Farmland Mapping and Monitoring Program
FRA	Federal Responsibility Area
FRAP	Fire and Resource Assessment Program
GFDL	Geophysical Fluid Dynamics Laboratory
GHG	Greenhouse Gas
GIS	Geographic Information Systems
GRASP	Geospatial Research, Analysis & Services Program
HAB	Harmful Algal Bloom
HFTD	High Fire Threat District
HMGP	Hazard Mitigation Grant Program
HMPC	Hazard Mitigation Planning Committee
HOS	Hands on Sacramento

Acronym	Definition
IBC	International Building Code
ICC	Increased Cost of Compliance
IPCC	Intergovernmental Panel on Climate Change
IRC	International Residential Code
IRWM	Integrated Regional Water Management
LAFCO	Local Agency Formation Commission
LID	Low Impact Development
LFPZ	Levee Flood Protection Zone
LOMA	Letter of Map Amendment
LOMR	Letter of Map Revision
LHMP	Local Hazard Mitigation Plan
LRA	Local Responsibility Area
MERS	Middle East Respiratory Syndrome
MHDP	Multi-Hazards Demonstration Project
MHI	Median Household Income
MMI	Modified Mercalli Intensity
MPH	Miles Per Hour
MSL	Mean Sea Level
MW	Megawatts
NBHCP	Natomas Basin Habitat Conservation Plan
NCDC	National Climactic Data Center
NDMC	National Drought Mitigation Center
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NGO	Non-Governmental Organization
NGS	National Geodetic Survey
NIDIS	National Integrated Drought Information System
NIMS	National Incident Management System
NOAA	National Oceanic and Atmospheric Administration
NPS	National Park Service
NWS	National Weather Service
OES	Sacramento County Office of Emergency Services
OHP	Office of Historic Preservation
PA	Public Assistance
PDM	Pre-Disaster Mitigation
PG&E	Pacific Gas and Electric
PM	Particulate Matter

Acronym	Definition
PNAS	Proceedings of the National Academy of Sciences
PPI	Plan for Public Involvement
PSPS	Public Safety Power Shutoff
RAWS	Remote Automated Weather Station
RCP	Representative Concentration Pathways
RD	Reclamation District
RL	Repetitive Loss
RLA	Repetitive Loss Analysis
SAC-SJ	Sacramento-San Joaquin
SAFCA	Sacramento Area Flood Control Agency
SARS	Severe Acute Respiratory Syndrome
SB	Senate Bill
SBA	Small Business Administration
SCADA	Supervisory Control and Acquisition Data
SDAC	Severely Disadvantaged Community
SEMS	Standardized Emergency Management System
SFHA	Special Flood Hazard Area
SGMA	Sustainable Groundwater Management Act
SH	State Highway
SMRC	Sacramento Medica Reserve Corp
SMSA	Sacramento Metropolitan Statistical Area
SMUD	Sacramento Metropolitan Utility District
SR	State Route
SRA	State Responsibility Area
SRFCS	Sacramento River Flood Control System
SRL	Severe Repetitive Loss
SSHCP	South Suburban Habitat Conservation Plan
SUALRP	Sacramento Urban Area Levee Reconstruction Project
SVI	Social Vulnerability Index
SWG	Severe Weather Guidance
SWP	State Water Project
SWRCB	State Water Resources Control Board
UBC	Uniform Building Code
UCERF	Uniform California Earthquake Rupture Forecast
ULOP	Urban Level of Flood Protection
UPRR	Union Pacific Railroad
URM	Unreinforced masonry

Acronym	Definition
USACE	US Army Corps of Engineers
USDA	US Department of Agriculture
USFS	US Forest Service
USFWS	US Fish and Wildlife Service
USGS	US Geological Survey
WHO	World Health Organization
WSOC	Wildfire Safety Operations Center
WRCC	Western Regional Climate Center
WUI	Wildland Urban Interface

Annex L Reclamation District 1000

L.1 Introduction

This Annex details the hazard mitigation planning elements specific to Reclamation District 1000 (RD 1000), a previously participating jurisdiction to the 2016 Sacramento County Local Hazard Mitigation Plan (LHMP) Update. This Annex is not intended to be a standalone document, but appends to and supplements the information contained in the Base Plan document. As such, all sections of the Base Plan, including the planning process and other procedural requirements apply to and were met by the District. This Annex provides additional information specific to RD 1000, with a focus on providing additional details on the risk assessment and mitigation strategy for this District.

L.2 Planning Process

As described above, the District followed the planning process detailed in Chapter 3 of the Base Plan. In addition to providing representation on the Sacramento County Hazard Mitigation Planning Committee (HMPC), the District formulated their own internal planning team to support the broader planning process requirements. Internal planning participants, their positions, and how they participated in the planning process are shown in Table L-1. Additional details on plan participation and District representatives are included in Appendix A.

Table L-1 RD 1000 – Planning Team

Name	Position/Title	How Participated
Kevin King	General Manager	Participated in LHMP update process; reviewed and edited District’s information included in LHMP; reviewed and edited District Emergency Action Plan; will participate in regional flood emergency exercise
Gabe Holleman	Operations Manger	Reviewed and edited District’s information included in LHMP; reviewed and edited District Emergency Action Plan; will participate in regional flood control emergency exercise
Paul Devereux	Project Manager	Attended meetings. Participated in LHMP update process; drafted District’s information included in LHMP; edited District Emergency Action Plan

Coordination with other community planning efforts is paramount to the successful implementation of this LHMP Update. This section provides information on how the District integrated the previously approved 2016 Plan into existing planning mechanisms and programs. Specifically, the District incorporated into or implemented the 2016 LHMP through other plans and programs shown in Table L-2.

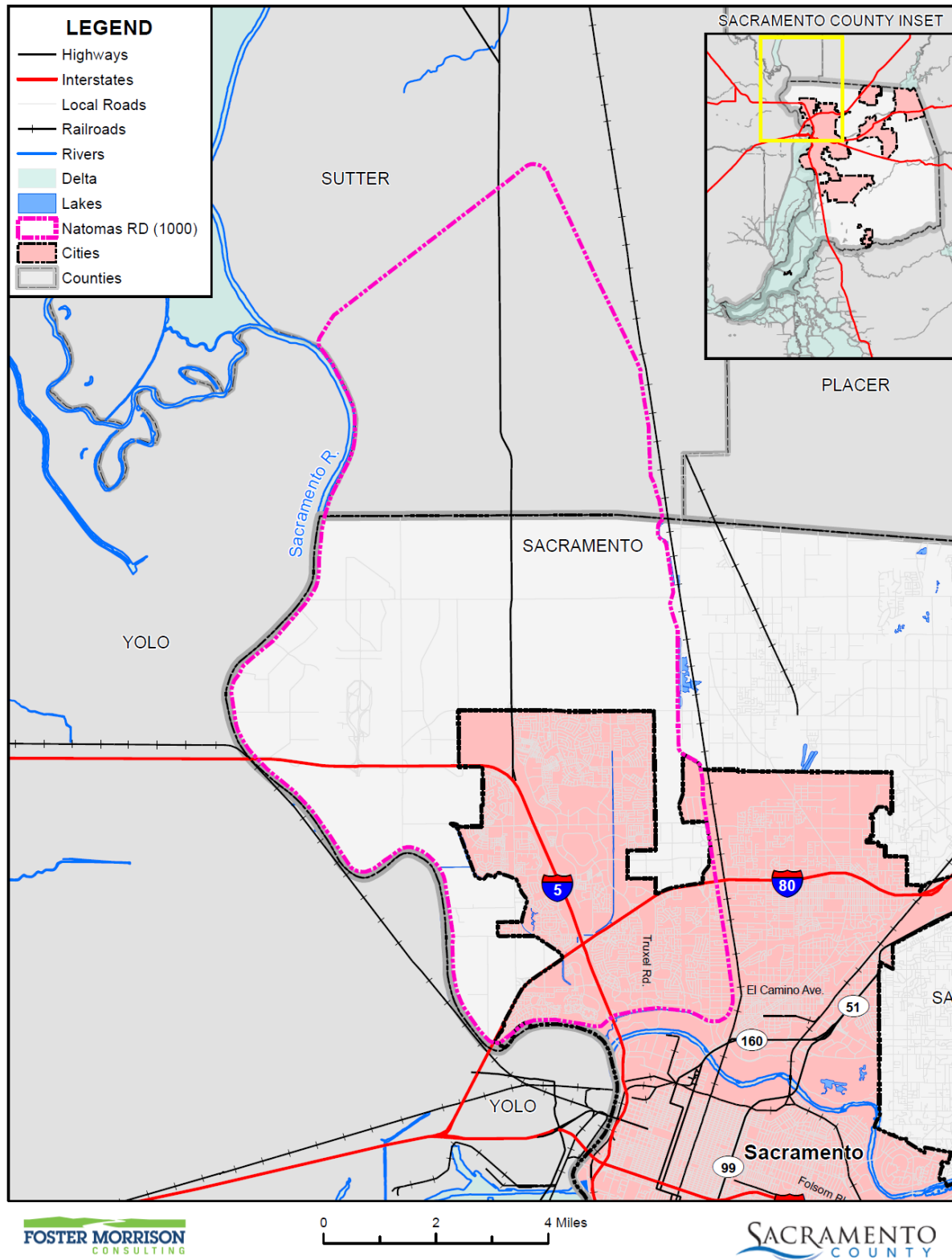
Table L-2 2016 LHMP Incorporation

Planning Mechanism 2016 LHMP Was Incorporated/Implemented In.	Details: How was it incorporated?
Emergency Action Plan	Identifies potential flood risks and District’s plan to monitor and respond in an emergency including communications, pre-disaster deployment; flood fight materials storage; emergency response contracts all in compliance with NIMS and SEMS protocols. The District’s LHMP Annex was utilized in addressing flood risks.
Capital Improvement Plan	Identifies improvements to District facilities to improve flood safety; assist with monitoring and responding in a flood emergency; and improve system reliability thereby reducing the overall flood risk. Mitigation actions from the 2016 LHMP Annex were included in the CIP which was updated in 2020.
Security Risk Assessment	Identified critical District infrastructure and recommended measures to improve security and ensure District can perform essential functions during an emergency. Key information from the 2016 LHMP Annex were incorporated into this assessment.
Strategic Plan	Identifies District mission to reduce flood risk; preparations for floods and emergency response; outreach to community including information during flood emergency; coordination with other regional agencies including City and County of Sacramento. Key information from the 2016 LHMP Annex were incorporated into this updated Strategic Plan.

L.3 District Profile

The District profile for the RD 1000 is detailed in the following sections. Figure L-1 displays a map and the location of the District within Sacramento County.

Figure L-1 RD 1000



Data Source: Natomas Reclamation District, Sacramento County GIS, Cal-Atlas; Map Date: 09/2020.

L.3.1. Overview and Background

Reclamation District No. 1000 (RD 1000) has been providing flood protection, drainage and public safety to residents, businesses, schools, and agriculture since it was formed in 1911 as a California special district by the California State legislature (Act). The District's mission is to protect the lives and property in the Natomas basin from flooding and provide drainage for urban and agricultural runoff. RD 1000 maintain 42 miles of levees surrounding Natomas, over 30 miles of large drainage canals and seven pump stations that collect and pump the storm water and agricultural runoff back into the adjacent river system. The District is governed by a seven-member Board of Trustees elected by the property owners within the Natomas basin. The District operates under the direction of the District's General Manager who reports directly to the Board of Trustees. The District's Operations Manager supervises the daily activities of the field crew and reports to the General Manager.

Reclamation District No. 1000 was created by an act of the State Legislature on April 8, 1911 (Act). The purpose was to allow for the reclamation of what was then known as the American Basin for agricultural purposes. Prior to RD 1000, the American Basin historically flooded from the Sacramento and American Rivers overflowing their banks due to winter rains and runoff from the foothills. Much of the land was owned by the Natomas Company of California and with the formation of RD 1000 was reclaimed for agriculture, due to the rich fertile floodplain soil, which dominated the early years in Natomas. The Act gave the District authority and responsibility for flood control and drainage in what has become the Natomas Basin.

Reclamation of Natomas began in 1913 with construction of the perimeter levee system which was completed in 1915 at a cost of approximately \$2 million financed by the sale of bonds. Following completion of the levees, an interior drainage system consisting of canals, ditches and drains was constructed to collect both stormwater runoff from precipitation that falls within the leveed area as well as agricultural runoff from irrigated farmland. The original system conveyed all the runoff to a large pumping plant constructed in 1915 at the terminus of Second Bannon Slough (Plant 1A) at the south end of the District. This plant still exists and is used today and it is located directly across the Garden Highway from the District Office. A second pumping plant (Plant 2) was added at Pritchard Lake in 1920 along the Sacramento River north of Elverta Road, and a third plant (Plant 3) was added in 1939 also located on the Sacramento River just north of San Juan Road. Eventually four more pump plants were added at various locations in the District to accommodate more development and relieve pressure on the original plants.

The drainage system stayed in this configuration for a number of years. In the 1950's and 1960's urbanization of the Natomas Basin began, predominantly because of its close proximity to downtown Sacramento and the construction of the interstate highway system. The first area to develop was the Gardenland area in the southern extremity of the basin tucked up against the American River and Natomas East Main Drain Canal. In the 1960's Sacramento Metropolitan Airport (now Sacramento International Airport) was developed. A new pumping plant paid for by the County was constructed to handle the increased runoff from the newly constructed airport. Through the decades more development occurred starting with the South Natomas Community, Metro Air Park (industrial area adjacent to the airport) and North Natomas Community. More development has been approved and/or is in planning for areas within the City of Sacramento, Sacramento County and Sutter County in the north half of Natomas.

The levees around Natomas were designed to handle the historical “flood of record” which was the 1907 and 1909 floods on the Sacramento River. Another large flood event occurred in 1937 which the system safely passed with only minor problems. Again, in 1955 an even larger flood occurred in the California Central Valley around Christmas and the Natomas levees held with some minor sloughing along the Sacramento River near the Sacramento/Sutter County line. Levees upstream on the Sacramento River failed leading to additional improvements to the flood control system by the Army Corps of Engineers including raising the Natomas Cross Canal and Pleasant Grove Creek Canal levees as much as two to three feet within RD 1000 in anticipation of future, even larger flood events. In addition, by 1955 Folsom Dam was operational which provided additional flood storage capacity along the American River improving flood safety on the District’s southern flank.

The system remained generally in the same condition as originally constructed until February 1986 when the flood of record occurred along the Sacramento and American Rivers caused by a series of large Pacific storms carrying significant amounts of sub-tropical moisture. These storms coined as the “Pineapple Express” because of its origins near the Hawaiian Islands are now referred to as “atmospheric rivers”. The flood levels on the Sacramento River, though not overtopping, caused significant seepage along the Garden Highway levee which nearly resulted in a catastrophic levee failure. Early flood emergency response by the District followed by a major flood fight by the Army Corps of Engineers prevented a levee failure. As a result of the near failure, the levees system surrounding Natomas was de-certified and any further development halted.

A system of repairs was initiated in the early 1990’s on both the Sacramento River and Natomas East Main Drain Canal (NEMDC) Work along the Sacramento River was done by the Corps of Engineers (Sacramento Urban Project) to address the levee seepage. Subsequently, the Sacramento Area Flood Control Agency or SAFCA implemented levee raising and other strengthening measures along the NEMDC as part of the North Area Local Project.

As a result of these projects, the levees were “certified” to provide 100 year FEMA level of protection in 1997 and urban development began again with North Natomas in the City of Sacramento, bringing thousands of new residents, businesses and supporting infrastructure. Industrial and commercial development also expanded in the vicinity of the airport to support its growing needs. And the airport itself has undergone and continues to undergo significant expansion to support the growing passenger demands. In each case, the District worked with the appropriate land use agency to ensure the impacts of the development and increased runoff are mitigated and do not overburden the existing drainage system. In most cases, large detention storage basins have been incorporated into new development to temporarily store the increased urban runoff and allow it to be pumped back into the RD 1000 drainage system at a rate similar to the pre-development condition. These detention basins are augmented by improvements to the existing pumping plants increasing their capacity to assist in handling the increased urban runoff.

In January 1997, a flood similar to the 1986 flood in precipitation amount and resultant river levels occurred throughout Northern California including the RD 1000 system. Unlike 1986, the improved RD 1000 levee system passed the flood event with minimal issues justifying the levee infrastructure investment. However, a number of other levees in Northern California failed during the flood event, which was later attributed to levee underseepage which had not previously been understood or considered to be a significant risk. Following the 1997 flood event, the RD 1000 levees were analyzed and found to have similar foundation

conditions to those levees that had failed indicating its levees were at risk of failure due to underseepage. Following the analysis which demonstrated the levees did not meet the underseepage factor of safety criteria, the Natomas levee system was again de-certified in 2003 shutting down further urbanization

Efforts to address this newly defined levee risk and the potential for further urbanization of the Natomas basin are described later in this annex.

L.4 Hazard Identification

RD 1000 identified the hazards that affect the District and summarized their location, extent, frequency of occurrence, potential magnitude, and significance specific to District (see Table L-3).

Table L-3 RD 1000—Hazard Identification Assessment

Hazard	Geographic Extent	Likelihood of Future Occurrences	Magnitude/Severity	Significance	Climate Change Influence
Climate Change	Extensive	Likely	Limited	Medium	–
Dam Failure					Medium
Drought & Water Shortage					High
Earthquake					Low
Earthquake Liquefaction					Low
Floods: 1%/0.2% annual chance	Extensive	Unlikely	Catastrophic	Medium	Medium
Floods: Localized Stormwater	Limited	Occasional	Limited	Low	Medium
Landslides, Mudslides, and Debris Flow					Medium
Levee Failure	Extensive	Unlikely	Catastrophic	High	Medium
Pandemic					Medium
Severe Weather: Extreme Cold and Freeze					Medium
Severe Weather: Extreme Heat					High
Severe Weather: Heavy Rains and Storms					Medium
Severe Weather: Wind and Tornado	Extensive	Likely	Limited	Medium	Low
Subsidence					Medium
Volcano					Low
Wildfire					High
Geographic Extent Limited: Less than 10% of planning area Significant: 10-50% of planning area Extensive: 50-100% of planning area		Magnitude/Severity Catastrophic—More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths Critical—25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability Limited—10-25 percent of property severely damaged; shutdown of facilities for more than a week; and/or injuries/illnesses treatable do not result in permanent disability Negligible—Less than 10 percent of property severely damaged, shutdown of facilities and services for less than 24 hours; and/or injuries/illnesses treatable with first aid			
Likelihood of Future Occurrences Highly Likely: Near 100% chance of occurrence in next year, or happens every year. Likely: Between 10 and 100% chance of occurrence in next year, or has a recurrence interval of 10 years or less. Occasional: Between 1 and 10% chance of occurrence in the next year, or has a recurrence interval of 11 to 100 years. Unlikely: Less than 1% chance of occurrence in next 100 years, or has a recurrence interval of greater than every 100 years.		Significance Low: minimal potential impact Medium: moderate potential impact High: widespread potential impact			
		Climate Change Influence Low: minimal potential impact Medium: moderate potential impact High: widespread potential impact			

L.5 Hazard Profile and Vulnerability Assessment

The intent of this section is to profile the District's hazards and assess the District's vulnerability separate from that of the Sacramento County Planning Area as a whole, which has already been assessed in Section 4.3 Hazard Profiles and Vulnerability Assessment in the Base Plan. The hazard profiles in the Base Plan discuss overall impacts to the Sacramento County Planning Area and describes the hazard problem description, hazard location and extent, magnitude/severity, previous occurrences of hazard events and the likelihood of future occurrences. Hazard profile information specific to the District is included in this Annex. This vulnerability assessment analyzes the property and other assets at risk to hazards ranked of medium or high significance specific to the District. For more information about how hazards affect the County as a whole, see Chapter 4 Risk Assessment in the Base Plan.

L.5.1. Hazard Profiles

Each hazard vulnerability assessment in Section L.5.3, includes a hazard profile/problem description as to how each medium or high significant hazard (as shown in Table L-3) affects the District and includes information on past hazard occurrences and the likelihood of future hazard occurrence. The intent of this section is to provide jurisdictional specific information on hazards and further describes how the hazards and risks differ across the Sacramento County Planning Area.

L.5.2. Vulnerability Assessment and Assets at Risk

This section identifies the District's total assets at risk, including values at risk, populations at risk, critical facilities and infrastructure, natural resources, and historic and cultural resources. Growth and development trends are also presented for the District. This data is not hazard specific, but is representative of total assets at risk within the District.

Assets at Risk and Critical Facilities

This section considers the RD 1000's assets at risk, with a focus on key District assets such as critical facilities, infrastructure, and other District assets and their values. With respect to District assets, the majority of these assets are considered critical facilities as defined for this Plan. Critical facilities are defined for this Plan as:

Any facility, including without limitation, a structure, infrastructure, property, equipment or service, that if adversely affected during a hazard event may result in severe consequences to public health and safety or interrupt essential services and operations for the community at any time before, during and after the hazard event.

A critical facility is classified by the following categories: (1) Essential Services Facilities, (2) At-risk Populations Facilities, (3) Hazardous Materials and Solid Waste Facilities.

Table L-4 lists critical facilities and other District assets identified by the District Planning Team as important to protect in the event of a disaster. RD 1000's physical assets, valued at over \$2.1 billion, consist of the buildings and infrastructure to support the District's operations.

Table L-4 RD 1000 Critical Facilities, Infrastructure, and Other District Assets

Name of Asset	Facility Type	Replacement Value	Which Hazards Pose Risk
RD 1000 Plant 1A and 1B	Essential	\$25,000,000	Flood
RD 1000 Plant 2	Essential	\$5,000,000	Flood
RD 1000 Plant 3	Essential	\$10,000,000	Flood
RD 1000 Plant 4	Essential	\$7,000,000	Flood
RD 1000 Plant 5	Essential	\$4,000,000	Flood
RD 1000 Plant 6	Essential	\$7,000,000	Flood
RD 1000 Plant 8	Essential	\$15,000,000	Flood
District Drains/Canals	Essential	\$50,000,000*	Flood
RD 1000 Federal Levee system	Essential	\$2,000,000,000*	Flood
RD 1000 Corporation Yard	Essential	\$10,000,000**	Flood/Levee Failure
RD 1000 Office	Essential	\$500,000	Flood/Levee Failure
Pleasant Grove Area Levees	Essential	\$2,000,000	Flood/Levee Failure
Total		\$2,135,500,000	

Source: RD 1000

* Estimated costs to repair damaged canals/drains after major flood and levee failure floods Natomas Basin—not the full replacement value

**Cost includes RD 1000 equipment stored at Corp Yard

In addition to assets owned by RD 1000, the District noted the following assets that are protected by RD 1000 levees, but are owned by others:

- Sacramento International Airport
- City of Sacramento River Pump Stations (3) and Interior Drainage Pump Stations
- Schools (2 high schools, middle and elementary schools)
- Significant Commercial and Industrial Developments
- Data and Information Storage Centers
- Fire Stations
- Police Stations
- Senior Housing
- Interstate 5 and 80/ Highway 99
- Day Care Centers
- Hazardous Material Sites

Natural Resources

RD 1000 has a variety of natural resources of value to the District and to the public. These natural resources parallels that of Sacramento County as a whole. Information can be found in Section 4.3.1 of the Base Plan.

Within the District, the Natomas Basin Conservancy operates and maintains a number of wildlife preserve areas under the Natomas Basin Habitat Conservation Plan. The purpose of the preserves is to provide

habitat for endangered and other species to mitigate for the impact of development within the Sutter County and City of Sacramento jurisdiction of the Natomas Basin.

Historic and Cultural Resources

RD 1000 has a variety of historic and cultural resources of value to the District. These historic and cultural resources parallels that of Sacramento County as a whole. Information can be found in Section 4.3.1 of the Base Plan.

There are a number of undisclosed Native American culturally sensitive sites which are generally buried below the ground and therefore would not be directly impacted by a flood event. However, there could be impacts to these sites during the infrastructure repair and recovery following a major flood especially one resulting in a levee failure.

Growth and Development Trends

General growth in the District parallels that of the Sacramento County Planning Area as a whole. Information can be found in Section 4.3.1 of the Base Plan. The following is specific to the Natomas Basin portion of Sacramento County.

As described above, urban development was halted in the District when the levees were decertified in 2003. A comprehensive project for the District's perimeter levee system was studied and developed by SAFCA, State of California and the Army Corps of Engineers. The proposed levee improvements will provide 200-year flood protection to the Natomas Basin, consistent with the newly adopted State flood control standards for urban areas (Urban Level of Protection or ULOP Criteria).

Work was initiated by SAFCA and the State of California in 2006 to mitigate the flood risk. With the construction that was completed (approximately 50% of the levee improvements) and the Federal authorization of the Natomas Levee Project in 2014, the area was remapped into an A99 FEMA flood plain designation recognizing the progress made towards eventually removing Natomas from a FEMA designated Special Flood Hazard Area. Under the A99 floodplain designation, development is again allowed within the Natomas Basin.

Development since 2016

With the lifting of the building moratorium, a number of projects have been approved since 2016 and large scale residential, commercial and industrial projects are under construction in the Natomas Basin even though the levee improvements have not been completed. As such, development since 2016 has likely increased the vulnerability to those in the District. The District facilities are built with these issues in mind, so it has likely not increased the vulnerability to the District itself. It should be noted, the previous work on the perimeter levee system by SAFCA from 2007 to 2017 addressed the highest risk areas to the existing levee system. Refer to the City and County for specific projects approved since 2016.

Since 2016, RD 1000 has not added any significant facilities/infrastructure except those being constructed by the Corps of Engineers under their Natomas Levee Project described below in Section C.6.5. A few minor improvements including Supervisory Control and Data Acquisition (SCADA) improvements at

several pumping plants to allow remote monitoring of water levels and pump operations; a small building addition at the Corp Yard office and purchase of new equipment have been done since 2016. The cost of these improvements and the equipment are included in the replacement cost estimates in Table C-4. All these improvements are within identifiable hazard areas protected by levees.

Future Development

RD 1000 has no land use authority. However, a number of major development projects have initiated the entitlement process and new development is expected within the RD 1000 jurisdiction in the City of Sacramento, County of Sacramento and Sutter County over the next 30 years.

More general information on growth and development in Sacramento County as a whole can be found in “Growth and Development Trends” in Section 4.3.1 Sacramento County Vulnerability and Assets at Risk of the Base Plan.

Future Improvements to RD 1000 Facilities

Future improvements to RD 1000 infrastructure and facilities are primarily tied to the Natomas Levee Project construction by the Corps of Engineers described below in Section C.6.5. The Corps project includes a new Pumping Plant No. 4 on the Natomas Cross Canal; a new Pumping Plant No. 5 on the Sacramento River north of Elkhorn Blvd; major improvements to Pumping Plant Nos 1A near the District office and at Plant No. 3 along the Sacramento River north of Power Line Road; and finally some minor alterations to the outfall conduits at Pumping Plant Nos. 6 and 8.

In addition to the Natomas Levee Project; RD 1000 recently updated its Capital Improvement Program and is currently assessing its long term financing to implement the identified capital improvements. If funding can be secured, it is anticipated capital improvements will be made to the existing RD 1000 infrastructure including major pumping plant improvements, asset management planning, improved SCADA monitoring, and emergency backup generator capability.

These improvements will address the hazard risks identified including mitigating localized flood impacts, security issues, reduced impacts from 1%/0.5% floods and reduce levee failure risks.

L.5.3. Vulnerability to Specific Hazards

This section provides the vulnerability assessment, including any quantifiable loss estimates, for those hazards identified above in Table L-3 as high or medium significance hazards. Impacts of past events and vulnerability of the District to specific hazards are further discussed below (see Section 4.1 Hazard Identification in the Base Plan for more detailed information about these hazards and their impacts on the Sacramento County Planning Area). Methodologies for evaluating vulnerabilities and calculating loss estimates are the same as those described in Section 4.3 of the Base Plan.

An estimate of the vulnerability of the District to each identified priority hazard, in addition to the estimate of likelihood of future occurrence, is provided in each of the hazard-specific sections that follow. Vulnerability is measured in general, qualitative terms and is a summary of the potential impact based on

past occurrences, spatial extent, and damage and casualty potential. It is categorized into the following classifications:

- **Extremely Low**—The occurrence and potential cost of damage to life and property is very minimal to nonexistent.
- **Low**—Minimal potential impact. The occurrence and potential cost of damage to life and property is minimal.
- **Medium**—Moderate potential impact. This ranking carries a moderate threat level to the general population and/or built environment. Here the potential damage is more isolated and less costly than a more widespread disaster.
- **High**—Widespread potential impact. This ranking carries a high threat to the general population and/or built environment. The potential for damage is widespread. Hazards in this category may have occurred in the past.
- **Extremely High**—Very widespread with catastrophic impact.

Depending on the hazard and availability of data for analysis, this hazard specific vulnerability assessment also includes information on values at risk, critical facilities and infrastructure, populations at risk, and future development.

Power Outage/Power Failure

An impact of almost all hazards below relates to power outage and/or power failures. The US power grid crisscrosses the country, bringing electricity to homes, offices, factories, warehouses, farms, traffic lights and even campgrounds. According to statistics gathered by the Department of Energy, major blackouts are on the upswing. Incredibly, over the past two decades, blackouts impacting at least 50,000 customers have increased 124 percent. The electric power industry does not have a universal agreement for classifying disruptions. Nevertheless, it is important to recognize that different types of outages are possible so that plans may be made to handle them effectively. In addition to blackouts, brownouts can occur. A brownout is an intentional or unintentional drop in voltage in an electrical power supply system. Intentional brownouts are used for load reduction in an emergency. Electric power disruptions can be generally grouped into two categories: intentional and unintentional. More information on types of power disruptions can be found in Section 4.3.2 of the Base Plan.

RD 1000 is vulnerable to power outages/power failures which occur during the flood season resulting in a loss of power to our critical facilities including the pump stations. These pump stations remove the water collected in the drainage system from urban, agricultural and airport property within Natomas. The levee system prevents drainage by gravity requiring all stormwater runoff to be discharged out of the basin by pumps. When the pumps cannot operate due to power outage, the levels in the drains and canals rise and eventually will escape the system at the low points causing localized flooding.

Generally, the risk due to power outages are low because of the interconnectivity of the drainage system allowing water to be pumped out from multiple plants; also, the plants are served by two electrical suppliers, SMUD in Sacramento County and PG&E in Sutter County. In addition to the risk being low, the vulnerability is also low as the damages are typically limited to flooded fallow agricultural fields or streets and other low points in the urban areas and not damaging homes or other structures provided the outage is of short duration. However, should the duration of the outage be for an extended period and occur during

a major storm, the risk will increase and could affect potential evacuation routes if Natomas must be evacuated due to levee safety concerns.

Public Safety Power Shutoff (PSPS)

A new intentional disruption type of power outage/failure event has recently occurred in California. In recent years, several wildfires have started as a result of downed power lines or electrical equipment. This was the case for the Camp Fire in 2018. As a result, California's three largest energy companies (including PG&E), at the direction of the California Public Utilities Commission (CPUC), are coordinating to prepare all Californians for the threat of wildfires and power outages during times of extreme weather. To help protect customers and communities during extreme weather events, electric power may be shut off for public safety in an effort to prevent a wildfire. This is called a PSPS. More information on PSPS criteria can be found in Section 4.3.2 of the Base Plan.

RD 1000 has lost power at one or more of its pumping plants almost on an annual basis. The likelihood of losing power at all plants is small; however there have been 2 instances in the last 20 years where this event did occur albeit for a short time. In most cases, power is restored to one or more pump plants within a few hours or less. However, there have been some locations within PG&E service area where power was lost for several weeks due to the remote locations of the plants in Sutter County.

PSPS occur during the wildfire season and not the flood season and has been limited to PG&E service areas; therefore RD 1000 is generally unaffected by them. RD 1000 does limited pumping during the summer when rice fields are drained. We are not aware of any PSPS affecting RD 1000 and likely will not impact us in the future.

Climate Change

Likelihood of Future Occurrence–Likely

Vulnerability–Medium

Hazard Profile and Problem Description

Climate change adaptation is a key priority of the State of California. The 2018 State of California Multi-Hazard Mitigation Plan stated that climate change is already affecting California. Sea levels have risen by as much as seven inches along the California coast over the last century, increasing erosion and pressure on the state's infrastructure, water supplies, and natural resources. The State has also seen increased average temperatures, more extreme hot days, fewer cold nights, a lengthening of the growing season, shifts in the water cycle with less winter precipitation falling as snow, and earlier runoff of both snowmelt and rainwater in the year. In addition to changes in average temperatures, sea level, and precipitation patterns, the intensity of extreme weather events is also changing. RD 1000 would be affected by climate change resulting in more precipitation and less snow resulting in increased river levels during large storm events and more precipitation which must be pumped out of the Natomas Basin.

Location and Extent

Climate change is a global phenomenon. It is expected to affect the whole of the District, Sacramento County, and State of California. There is no scale to measure the extent of climate change. Climate change exacerbates other hazards, such as drought, extreme heat, flooding, wildfire, and others. The speed of onset of climate change is very slow. The duration of climate change is not yet known, but is feared to be tens to hundreds of years.

Past Occurrences

Climate change has never been directly linked to any declared disasters. While the District noted that climate change is of concern, no specific impacts of climate change could be recalled. The District and HMPC members did, however, note that in Sacramento County, the strength of storms does seem to be increasing and the temperatures seem to be getting hotter.

Vulnerability to and Impacts from Climate Change

The 2014 California Adaptation Planning Guide (APG) prepared by California OES and CNRA was developed to provide guidance and support for local governments and regional collaboratives to address the unavoidable consequences of climate change. California's APG: Understanding Regional Characteristics has divided California into 11 different regions based on political boundaries, projected climate impacts, existing environmental setting, socioeconomic factors and regional designations. Sacramento County falls within the North Sierra Region characterized as a sparsely settled mountainous region where the region's economy is primarily tourism-based. The region is rich in natural resources, biodiversity, and is the source for the majority of water used by the state. This information can be used to guide climate adaptation planning in the District and Sacramento County Planning Area.

The California APG: Understanding Regional Characteristics identified the following impacts specific to the North Sierra region in which the Sacramento County Planning Area is part of:

- Temperature increases
- Decreased precipitation
- Reduced snowpack
- Reduced tourism
- Ecosystem change
- Sensitive species stress
- Increased wildfire

Currently the District is monitoring climate change impacts, but has not implemented any modifications to our operations. The District plan based on the long range climate forecast predictions and operate based on individual storm forecasts.

Assets at Risk

The District noted that its facilities could be at risk from climate change.

Flood: 1%/0.2% Annual Chance

Likelihood of Future Occurrence–Unlikely

Vulnerability–High

Hazard Profile and Problem Description

This hazard analyzes the FEMA DFIRM 1% and 0.2% annual chance floods. These tend to be the larger floods that can occur in the County or in the District, and have caused damages in the past. Flooding is a significant problem in Sacramento County and the District. Historically, the District has been at risk to flooding primarily during the winter and spring months when river systems in the County swell with heavy rainfall and snowmelt runoff. Normally, storm floodwaters are kept within defined limits by a variety of storm drainage and flood control measures. Occasionally, extended heavy rains result in floodwaters that exceed normal high-water boundaries and cause damage. Flooding has occurred within the 1% annual chance floodplains and in other localized areas.

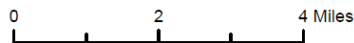
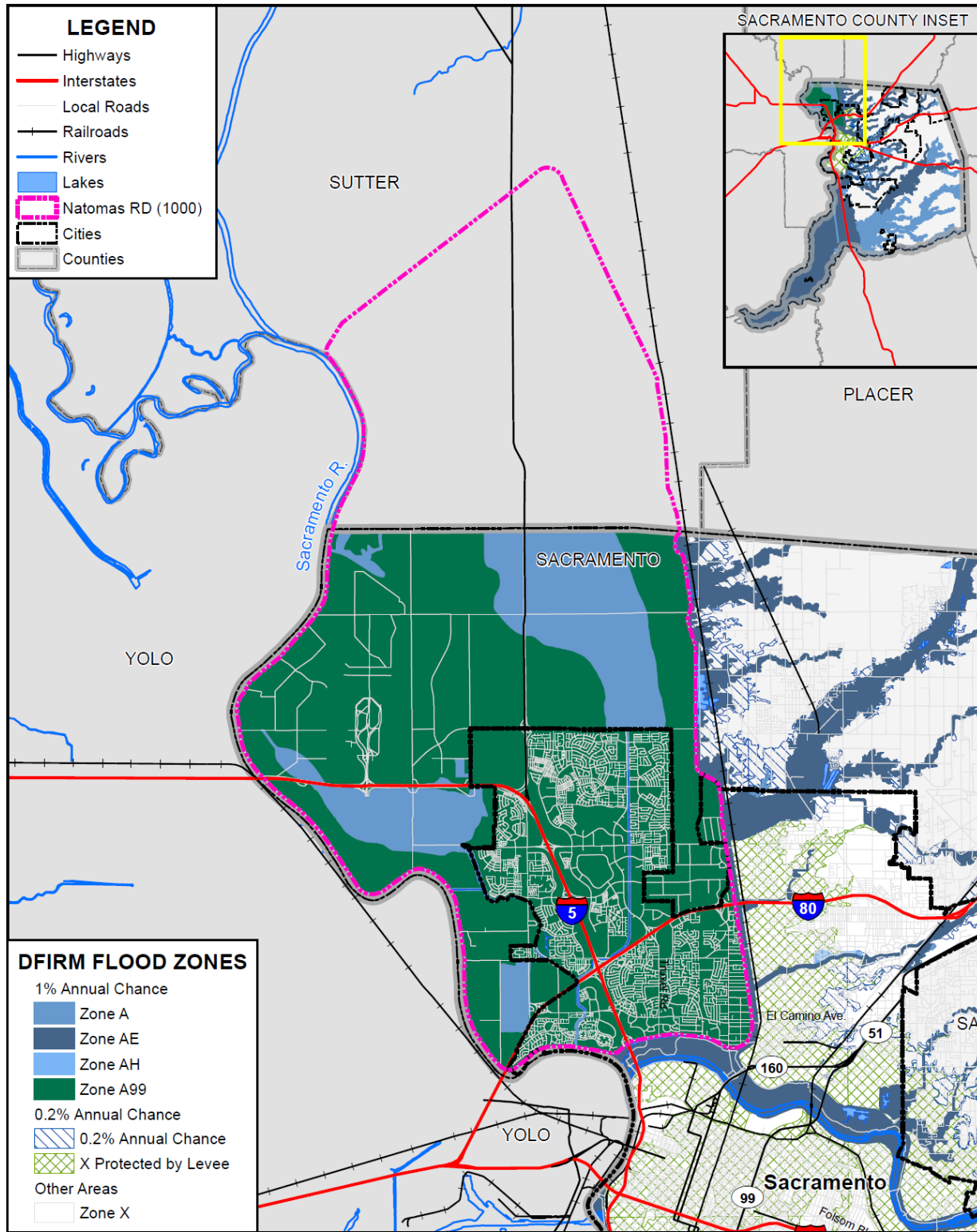
As previously described in Section 4.3.11 of the Base Plan, the Sacramento County Planning Area and the RD 1000 have been subject to historical flooding.

The 1% and 0.5% annual chance of floods can impact the perimeter levee system, Pleasant Grove area levees, as well as the interior drainage system operated by RD 1000 that are not within the special flood hazard areas. These large events will cause the District's facilities to operate at or above their design capacity and in many instances will result in damages to our system, while not resulting in failure. These impacts may also occur at more frequent flood events including the 10% annual chance event or lower.

Location and Extent

The RD 1000 has areas located in the 1% and 0.2% annual chance floodplain. This is seen in Figure L-2. However, the risk extends to the entire RD 1000 boundary and all our facilities as described above in the impact description.

Figure L-2 RD 1000 – FEMA DFIRM Flood Zones



Data Source: FEMA NFHL 04/16/2016, Natomas Reclamation District, Sacramento County GIS, Cal-Atlas; Map Date: 09/2020.

Table L-5 details the DFIRM mapped flood zones within the 1% annual chance flood zone as well as other flood zones located within the District.

Table L-5 RD 1000 – DFIRM Flood Hazard Zones

Flood Zone	Description	Flood Zone Present in the District
A	100-year Flood: No base flood elevations provided	X
AE	100-year Flood: Base flood elevations provided	X
AH	An area inundated by 1% annual chance flooding (usually an area of ponding), for which BFEs have been determined; flood depths range from 1 to 3 feet	X
AO	Areas subject to inundation by 100-year shallow flooding (usually sheet flow on sloping terrain) where average depths are between one and three feet	
A99	Areas with a 1% annual chance of flooding that will be protected by a Federal flood control system where construction has reached specified legal requirements. No depths or base flood elevations are shown within these zones	X
Shaded X	500-year flood the areas between the limits of the 1% annual chance flood and the 0.2-percent-annual-chance (or 500-year) flood	
X Protected by Levee	An area determined to be outside the 500-year flood and protected by levee from 100-year flood	

Source: FEMA

Additionally, flood extents can generally be measured in volume, velocity, and depths of flooding. Expected flood depths in the District vary, depending on the nature and extent of a flood event; specific depths are unknown. Flood durations in the District tend to be short to medium term, or until either the storm drainage system can catch up or flood waters move downstream. Flooding in the District tends to have a shorter speed of onset, due to the amount of water that flows through the District. However, as noted above the District has impacts of these flood events outside the mapped flood hazard areas, and flood events on the perimeter levee system can extend for several weeks.

Past Occurrences

A list of state and federal disaster declarations for Sacramento County from flooding is shown on Table L-6. These events also did affect the District and in many cases RD 1000 filed disaster assistance claims with both FEMA and California OES due to impacts and damages sustained. This includes the three disaster declarations from the 2017 flood events. The District filed claims and has received reimbursements for our damages due to these events. Attached are the PA Worksheets documenting the damages from the 2017 disaster declarations.

Table L-6 Sacramento County – State and Federal Disaster Declarations from Flood 1950-2020

Disaster Type	Federal Declarations		State Declarations	
	Count	Years	Count	Years
Flood (including heavy rains and storms)	19	1950, 1955, 1958 (twice), 1963, 1969, 1982 (twice), 1983, 1986, 1995 (twice), 1996, 1997, 1998, 2008, 2017 (three times)	14	1955, 1958, 1964, 1969, 1983, 1986, 1995 (twice), 1997, 1998, 2006, 2017 (three times)

Source: Cal OES, FEMA

Vulnerability to and Impacts from Flood

Floods have been a part of the District’s historical past and will continue to be so in the future. During winter months, long periods of precipitation and the timing of that precipitation are critical in determining the threat of flood, and these characteristics further dictate the potential for widespread structural and property damages. Predominantly, the effects of flooding are generally confined to areas near the waterways of the County. As waterways grow in size from local drainages, so grows the threat of flood and dimensions of the threat. This threatens structures in the floodplain. Structures can also be damaged from trees falling as a result of water-saturated soils. Electrical power outages happen, and the interruption of power causes major problems. Roads can be damaged and closed, causing safety and evacuation issues. People may be swept away in floodwaters, causing injuries or deaths.

Floods are among the costliest natural disasters in terms of human hardship and economic loss nationwide. Floods can cause substantial damage to structures, landscapes, and utilities as well as life safety issues. Floods can be extremely dangerous, and even six inches of moving water can knock over a person given a strong current. During a flood, people can also suffer heart attacks or electrocution due to electrical equipment short outs. Floodwaters can transport large objects downstream which can damage or remove stationary structures. Ground saturation can result in instability, collapse, or other damage. Objects can also be buried or destroyed through sediment deposition. Floodwaters can also break utility lines and interrupt services. Standing water can cause damage to crops, roads, foundations, and electrical circuits. Direct impacts, such as drowning, can be limited with adequate warning and public education about what to do during floods. Other problems connected with flooding and stormwater runoff include erosion, sedimentation, degradation of water quality, loss of environmental resources, and economic impacts.

Along the perimeter Federal levee system and the Pleasant Grove area levees, these large flood events can result in the following potential impacts:

- erosion of both the landside and waterside levee slopes and waterside berms.
- Seepage both through levee and under levee causing landside boils requiring emergency actions including building sandbag rings, filling landside canals, installing sheetpiles, removing pumping plants
- Downed trees blocking access and causing large root ball voids in the levee
- Damages to levee maintenance roads due to excessive patrols to monitor the levees during high water events
- Damages to pump plant outfall structures

Within the interior drainage system these large flood events can result in the following impacts:

- Erosion of the canal, drain and ditch banks
- Sedimentation of the canals, drains and ditches blocking flows
- Damages to drainage culverts, headwalls, gate structures, access structures, or other drainage facilities
- Damages to pumping plants including trash rakes, pumps, and electrical equipment

Assets at Risk

As noted above, the assets at risk for these large flood events including the perimeter Federal levee system, Pleasant Grove area levees, District's seven pump stations, and the interior drainage system including the canals, drains and ditches. Not all these facilities will likely be damaged during the 1% or 0.5% (or more frequent) flood events. More significant damages to all the District facilities would only occur if the flood resulted in a levee failure which is described in more detail below under the Levee Failure Hazard.

Generally, all the RD 1000 facilities are at risk from this flood hazard depending on the specific nature of the flood event but the damages would likely be limited to specific features at specific locations.

Levee Failure

Likelihood of Future Occurrence–Unlikely

Vulnerability–Medium

Hazard Profile and Problem Description

A levee is a raised area that runs along the banks of a river, stream or canal. Levees reinforce the banks and help prevent flooding by containing higher flow events to the main stream channel. By confining the flow to a narrower stream channel, levees can also increase the speed of the water which increases the erosion potential. Levees can be natural or man-made. In the case of RD 1000, all the levees are man-made.

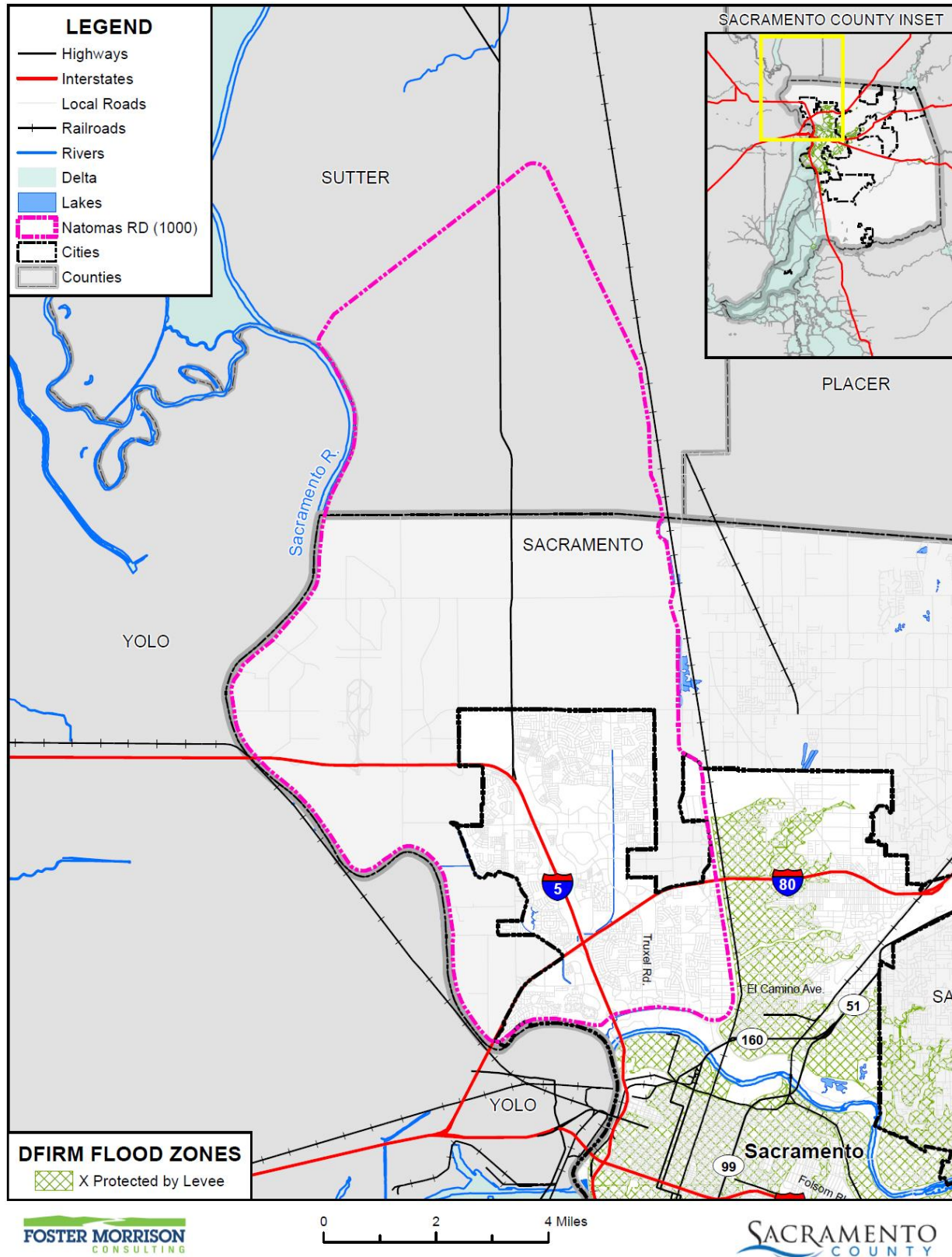
Levees provide strong flood protection, but they are not failsafe. Levees are designed to protect against a specific flood level and could be overtopped during severe weather events that exceed the design capacity or upstream dam failure. For example, levees can be certified to provide protection against the 1% annual chance flood. Levees reduce, not eliminate, the risk to individuals and structures located behind them. A levee system failure or overtopping can create severe flooding and high water velocities. Levee failure can occur through overtopping; levee slope stability issues, seepage through the levee due to highly permeable material or seepage paths caused by burrowing rodents, vegetation roots, pipe penetrations; seepage under the levee foundation moving materials and creating voids in the foundation eventually leading to levee collapse and overtopping; erosion of the waterside slope or berm, and other factors that compromise the integrity of the levee. No levee provides protection from events for which it was not designed, and proper operation and maintenance are necessary to reduce the probability of failure.

Location and Extent

There is not a scientific scale or measurement system in place for levee failure. It can occur at any location along the levee system. Expected flood depths from a levee failure within the Natomas Basin vary based

on existing ground elevation and location of the levee failure and will vary from less than 5 feet to over 20 feet. Should a levee failure occur it is anticipated 90% of the District will be flooded as closing a levee is nearly impossible during flood stages. The speed of onset is slow as the river rises, but if a levee fails the warning times are generally short for those in the inundation area. The City of Sacramento have designated rescue zones and evacuation zones based on the distance from the levee failure. The duration of levee failure risk times can be days to weeks, depending on the river flows that the levee holds back. When northern California dams and reservoirs are nearing maximum capacity, they release water through the river systems, causing additional burdens on County levees including RD 1000. Levees in the District are shown on Figure L-3.

Figure L-3 RD 1000 – Levee Protected Areas



Data Source: FEMA NFHL 07/19/2018, Natomas Reclamation District, Sacramento County GIS, Cal-Atlas; Map Date: 09/2020.

Past Occurrences

There have been no federal or state disaster declarations from levee failure in RD 1000. The District Planning Team noted the following past occurrences of near levee failures as detailed above the Flood 1%/0.2% Annual Chance section above: 1955, 1986, 1997, and 2006. It should be noted the levees west of the Sacramento Airport along the Sacramento River would have failed in 1986 had not the District and eventually the Corps of Engineers conducted an emergency flood fight to stabilize the levee. Likewise the Sacramento River north of Elverta Road was in jeopardy of failing and RD 1000 deployed emergency measures to again stabilize the levee. While catastrophic levee failures were avoided during these record flood events, additional levee improvements continued to accommodate future flood conditions in the Natomas basin. The 2017 emergency declarations included the Pleasant Grove Area levees that were in danger of overtopping and failing. The District conducted a flood fight and has subsequently repaired the damages with FEMA disaster assistance. The area protected is primarily agricultural property with a few ag-residences.

Vulnerability to and Impacts from Levee Failure

A levee failure can range from a small, uncontrolled release to a catastrophic failure. Levee failure flooding can occur as the result of prolonged rainfall which combined with flood releases from upstream reservoirs raise the river levels to flood stage. The primary danger associated with levee failure is the high velocity flooding of those properties outside and downstream of the breach.

Should a levee fail, some or all of the area protected by the levees would be at risk to flooding. Impacts from a levee failure include property damage, critical facility damage, and life safety issues. Business and economic losses could be significant. Facilities could be flooded and services interrupted. School and road closures could occur. Road closures would impede both evacuation routes and ability of first responders to quickly respond to calls for aid. Other problems connected with levee failure flooding include erosion, sedimentation, degradation of water quality, losses of environmental resources, and certain health hazards.

Should a perimeter levee fail in RD 1000 along the Sacramento River, American River, Pleasant Grove Creek Canal, or Natomas Cross Canal, the entire Natomas Basin would likely be inundated due to volume of water within those rivers and canals. Only a small segment of the Natomas East Main Drain Canal levee south of Sankey Road might limit the basin flooding due to the smaller volume of water available to breach the levee.

Vandalism

If a potential levee failure can be identified in advance, an evacuation could be done to limit potential loss of life, though it would not diminish the resulting property damage. A catastrophic levee failure with not warning would likely result in loss of life in Natomas. This is why a robust levee patrol and monitoring system is essential to identify levee problems early and allow for emergency response and evacuations.

District facilities, in particular the pump stations are targets for security breaches and vandalism. The electrical equipment and copper wiring are a target for thieves and vandals. If damaged or stolen, the pumping plant could be inoperable until repairs can be made. If this occurs during flood season and prior

to a major storm event, the plant could be down for an extended period resulting in increased flood risks such as localized flooding as previously described.

Recently, a new security and vandalism hazard has emerged in the form of homeless encampments on the levees and within the floodway. In some instances, the levee has been damaged or degraded to accommodate tents and other living quarters. In addition, displaced persons move up the levees as flood waters rise blocking access for levee patrols and potentially delaying critical flood emergency responses to insure no people are at risk while the large equipment deploys flood fight materials such as large rocks.

The security issues related to the pumping plants can occur at any of the seven RD 1000 plants. The security issues related to homeless and displaced persons is primarily within the urban areas of the District and are concentrated on the American River on the southern perimeter and Natomas East Main Drain Canal along the southeastern perimeter.

Prior to installation of the high security fencing at Plant 8, the District had several security breaches resulting in vandalism and wire theft. Because of the location of the most recent wire theft, several pumps were inoperable for an extended period before the new wires could be placed. Since the fencing was replaced, there have been security breaches but no major vandalism or wire theft.

Pumping Plant No. 1 was impacted by vandalism at the adjacent SMUD substation serving the plant resulting in the loss of a transformer. The transformer was not a standard one used by SMUD and had to be special ordered resulting in the plant being inoperable for an extended period.

There have been a number of other acts of security breaches and vandalism at District facilities in the past including the Corp Yard and District office resulting in tool and equipment theft and other operational impacts.

Since 2016, the homeless encampments have escalated along with the damages to the levees. In 2019, a large excavation was made in the American River levee segment requiring the District to request assistance from City law enforcement to remove the encampment so levee repairs could be made prior to flood season. These excavations in the levee are concealed from levee patrollers by tents, furniture and other temporary living facilities

As noted, security breaches and vandalism at any of the RD 1000 pump stations could result in loss of use of the facility for an extended period of time until repairs can be made. If the breach occurs prior to a large storm event, there could be localized flooding. While not causing extensive damage, the localized flooding could impact potential evacuation routes if it coincides with a levee failure or other emergency requiring evacuations.

Within the levee system, damages caused by homeless/displaced persons could impact levee stability depending on the extent of the damage and the fact it is not visible to the maintenance personnel to mitigate prior to a flood event. Of equal concern is the impact of the floodway inhabitants on the levee patrol and emergency operations. During high water, floodway inhabitants move to the high ground along the adjacent levees, oftentimes blocking the patrol roads, obscuring levee conditions, slowing the patrol efforts or delaying flood fight activities. Levee patrols are critical during high water to monitor the levee system for

seepage, erosion, or other signs of levee distress. It is critical that emergency measures be implemented quickly to ensure minor problems do not escalate and lead to critical levee problems and/or levee failure.

Assets at Risk

The District has seven pump stations in the interior basin used to pump the stormwater and agricultural runoff from the basin into the adjacent riverine system. A catastrophic levee failure could eventually damage all eight of the pump stations and require their reconstruction. Table L-4 shows the estimated replacement cost for each of the pump stations. In addition, the District has a corporation yard and a main office in Natomas. The main office is located on top of the existing Sacramento River levee and would likely not be physically damaged by a catastrophic flood event though it would not be functional due to loss of utilities including power as a result of the flood. The corporation yard would be damaged due to a flood event and could result in a loss of the District's equipment fleet unless it can be relocated to high ground before flood waters affect the corporation yard. This would be dependent on the location of a levee breach in relation to the yard. In addition to RD 1000 assets, the Natomas Basin includes significant public and private development and infrastructure including schools, churches, government buildings, major interstate highways, commercial, industrial and single family residences. In addition, Sacramento International Airport is also located within Natomas and their estimates are that it could be shut down for several months to a year or more to repair damages and make the airport functional again. Closure of the airport along with the infrastructure noted above would have a significant impact on the economy of the Sacramento region.

With the levee improvements that have been completed to date and the anticipated improvements described below about to be completed by the Corps of Engineers over the next 5s year; the risk of a levee failure will be significantly reduced and not likely to occur. However, as noted previously, there always will be a levee failure risk due to unknowns and future potentially large flood events due to climate change or other climatological conditions.

Severe Weather: High Winds and Tornadoes

Likelihood of Future Occurrence–Likely

Vulnerability–Medium

Hazard Profile and Problem Description

High winds, as defined by the NWS glossary, are sustained wind speeds of 40 mph or greater lasting for 1 hour or longer, or winds of 58 mph or greater for any duration. High winds can cause significant property and crop damage, threaten public safety, and have adverse economic impacts from business closures and power loss. High winds can also cause PSPS events.

Tornadoes are rotating columns of air marked by a funnel-shaped downward extension of a cumulonimbus cloud whirling at destructive speeds of up to 300 mph, usually accompanying a thunderstorm. Tornadoes form when cool, dry air sits on top of warm, moist air. Tornadoes are the most powerful storms that exist. Tornadoes, though rare, are another severe weather hazard that can affect areas of the Sacramento County Planning Area, primarily during the rainy season in the late fall, winter, and early spring.

Location and Extent

The entire District is subject to significant, non-tornadic (straight-line), winds. Each area of the County is at risk to high winds. Magnitude of winds is measured often in speed and damages. These events are often part of a heavy rain and storm event, but can occur outside of storms. The speed of onset of winds can be short, but accurate weather prediction mechanisms often let the public know of upcoming events. Duration of winds in California is often short, ranging from minutes to hours. The Beaufort scale is an empirical 12 category scale that relates wind speed to observed conditions at sea or on land. Its full name is the Beaufort Wind Force Scale. The Beaufort Scale was shown in Section 4.3.5 of the Base Plan.

Tornadoes, while rare, can occur at any location in the County and District. Prior to February 1, 2007, tornado intensity was measured by the Fujita (F) scale. This scale was revised and is now the Enhanced Fujita scale. Both scales are sets of wind estimates (not measurements) based on damage. The new scale (EF) provides more damage indicators (28) and associated degrees of damage, allowing for more detailed analysis and better correlation between damage and wind speed. It is also more precise because it considers the materials affected and the construction of structures damaged by a tornado. The F Scale and EF Scale are shown in Section 4.3.5 of the Base Plan.

Past Occurrences

There has been no federal or state disaster declarations in the County for winds and tornadoes. The District noted that since high winds is a regional phenomenon, events that affected the lower elevations of the County also affected the District. Those past occurrences were shown in the Base Plan in Section 4.3.5.

Vulnerability to and Impacts from Severe Weather: Wind and Tornado

High winds are common occurrences in the District throughout the entire year. Straight line winds are primarily a public safety and economic concern. Windstorm can cause damage to structures and power lines which in turn can create hazardous conditions for people. Debris flying from high wind events can shatter windows in structures and vehicles and can harm people that are not adequately sheltered. High winds can impact critical facilities and infrastructure and can lead to power outages. Wind can also drive wildfire flames, spreading wildfires quickly. During periods of high winds and dry vegetation, wildfire risk increases. High winds that occur during periods of extreme heat can cause PSPS events to be declared in the County. More information on power outage and failure can be found at the beginning of Section L.5.3 above, as well as in Section 4.3.3 of the Base Plan.

Impacts from high winds in the District will vary. Future losses from straight line winds include:

- Downed trees
- Power line impacts and economic losses from power outages
- Increased PSPS events
- Occasional building damage, primarily to roofs

Assets at Risk

In the District, during periods of high water, the levees can be impacted by high winds causing erosion to the water side of the levee.

L.6 Capability Assessment

Capabilities are the programs and policies currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. This capabilities assessment is divided into five sections: regulatory mitigation capabilities, administrative and technical mitigation capabilities, fiscal mitigation capabilities, mitigation education, outreach, and partnerships, and other mitigation efforts.

L.6.1. Regulatory Mitigation Capabilities

Table L-7 lists regulatory mitigation capabilities, including planning and land management tools, typically used by local jurisdictions to implement hazard mitigation activities and indicates those that are in place in the RD 1000.

Table L-7 RD 1000 Regulatory Mitigation Capabilities

Plans	Y/N Year	Does the plan/program address hazards? Does the plan identify projects to include in the mitigation strategy? Can the plan be used to implement mitigation actions?
Comprehensive/Master Plan/General Plan	Y 2015	District adopted a 2015-2020 Strategic Plan which identifies hazard mitigation needs and opportunities
Capital Improvements Plan	Y 2020	Yes Plan was updated in 2020 and includes hazard mitigation projects
Economic Development Plan	Y 2021	District adopted Comprehensive Financial Plan identifying future funding needs and funding sources for O&M and Capital Improvement. Plan includes mitigation actions
Local Emergency Operations Plan	Y 2017	Yes Identifies Flood Hazards and operational response
Continuity of Operations Plan	N	
Transportation Plan	N	
Stormwater Management Plan/Program	N	
Engineering Studies for Streams	N	
Community Wildfire Protection Plan	N	
Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	Y 2018	Asset Management Plan
Building Code, Permitting, and Inspections	Y/N	Are codes adequately enforced?
Building Code	NNA	Version/Year:

Building Code Effectiveness Grading Schedule (BCEGS) Score	NNA	Score:
Fire department ISO rating:	NA	Rating:
Site plan review requirements	Y	Proposed projects which impact levees or drainage facilities require permits or approvals from RD 1000t and include plan review and sign off. Encroachments on levees or within flood ways require State Encroachment Permit under Title 23 of the CA Water Code. Code is adequate to protect flood control infrastructure
Is the ordinance an effective measure for reducing hazard impacts?		
Land Use Planning and Ordinances	Y/N	Is the ordinance adequately administered and enforced?
Zoning ordinance	NNA	Refer to City or County
Subdivision ordinance	NNA	Refer to City or County
Floodplain ordinance	NNA	Refer to City or County
Natural hazard specific ordinance (stormwater, steep slope, wildfire)	Y	Title 23 California Water Code for encroachment permits on levees and floodways
Flood insurance rate maps	N	Refer to City and County
Elevation Certificates	N	Refer to City and County
Acquisition of land for open space and public recreation uses	Y	District works with City and County for open space and public recreation opportunities within drainage and flood control corridors; requests land use plans provide appropriate setbacks from development for emergency flood operations and allow for future levee improvements due to climate change or other considerations.
Erosion or sediment control program	Y	Erosion control measures on levee and canal slopes as necessary; District incorporates SWPP measures on its maintenance and capital projects.
Other	Y	District has adopted a Development Impact Fee
How can these capabilities be expanded and improved to reduce risk?		
<p>Pursuant to Sacramento County General Plan Safety Element Policies, SA-18a&b, written approval must be obtained from the applicable Reclamation District to build any structure or grade any soil within 300 feet of the land side toe of levee. This applies to anyone who wants to fill, excavate, or construct a structure within 50 feet of the toe of a Sacramento County river levee and anyone who wants to develop land within 300 feet of the toe. To ensure this requirement is met, every parcel located near a levee is tagged in the building department database.</p> <p>District can partner with local land use agencies during development reviews to ensure adequate areas are available for operations and maintenance and future improvements to reduce flood risk hazard; could be combined with open space/recreation needs and would address potential climate change impacts. District could work with local land use agencies to incorporate levee safety zones as part of their zoning or general plans to provide buffers for O&M and future flood risk reduction improvements</p>		

Source: RD 1000

L.6.2. Administrative/Technical Mitigation Capabilities

Table L-8 identifies the District department(s) responsible for activities related to mitigation and loss prevention in RD 1000.

Table L-8 RD 1000's Administrative and Technical Mitigation Capabilities

Administration	Y/N	Describe capability Is coordination effective?
Planning Commission	N	
Mitigation Planning Committee	N	
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Y	District's O&M activities directly reduce flood risks as described above including vegetation management; levee maintenance; pump station operations; and 24-hour monitoring during flood events. District created Operations Manager position in 2020 to better manage its operations and maintenance activities including development of a comprehensive annual maintenance, asset management plan all to improve overall operations and reduce the flood risk hazard
Mutual aid agreements	Y	District has mutual aid agreements with City and County of Sacramento. In addition it operates under the SEMS/NIMS emergency operations system to request assistance from the Operational Area coordinator at Sacramento County and the State and, if necessary, from the federal government through the Army Corps of Engineers during a flood emergency.
Other	Y	District Board of Trustees develops policies for the District and approves plans, including hazard mitigation activities. General Manager implements policies and plans adopted by the Board.
Staff	Y/N FT/PT	Is staffing adequate to enforce regulations? Is staff trained on hazards and mitigation? Is coordination between agencies and staff effective?
Chief Building Official	NA	
Floodplain Administrator	NA	
Emergency Manager	Y	RD 1000 District Manager and Operations Manager—Trained in FEMA/OES SEMS/NIMS. Manager coordinates with City, County, and State staff as necessary
Community Planner	N	
Civil Engineer	Y	RD 1000 Project Manager/Consultant
GIS Coordinator	Y	RD 1000 General Manager and Operations Manager District has initiated a GIS data base of facilities; looking to develop and implement a more robust GIS system in next 5 years to include right of way, O&M activities, encroachment permits, utility crossings, and identified hazards or past performance issues.
Other		
Technical		
Warning systems/services (Reverse 911, outdoor warning signals)	Y	RD 1000 website provides the public with general flood related information including District O&M or Capital Improvement activities as well as what to do in an emergency. It provides links to other websites for more detailed information. During an emergency the District refers the public to the City and County for information including evacuation notices and directions.

Hazard data and information	Y	RD 1000 anticipates implementing a more robust GIS system to include specific hazard data and information including past performance issues and locations of levee penetrations or other utility locations to monitor during a flood. Also, the SCADA system allows for real time information on pump operations and canal levels for emergency managers.
Grant writing	Y	RD 1000 consultants have grant writing and management capabilities; District may look to retain services of a grant writer if funding for flood risk reduction become available
Hazus analysis	N	
Other		
How can these capabilities be expanded and improved to reduce risk?		
Continued training in emergency management will benefit staff and improve emergency response and coordination with other agencies. Developing a GIS data base will improve real time information and emergency response by identifying hazard areas or locations with past performance problems. A more robust SCADA system will allow for more detailed information on real time canal levels and pump operations to facilitate emergency response and alerts to other local agencies such as the City and County.		

Source: RD 1000

L.6.3. Fiscal Mitigation Capabilities

Table L-9 identifies financial tools or resources that the District could potentially use to help fund mitigation activities.

Table L-9 RD 1000's Fiscal Mitigation Capabilities

Funding Resource	Access/ Eligibility (Y/N)	Has the funding resource been used in past and for what type of activities? Could the resource be used to fund future mitigation actions?
Capital improvements project funding	Y	District currently using Capital Reserves to fund projects; recently adopted Financial Manage Plan looking at alternative funding options for CIP which includes hazard mitigation projects and improved emergency operations.
Authority to levy taxes for specific purposes	Y	Proposed increases in annual assessments must comply with Proposition 218 which requires a public vote. Some funds for ongoing O&M have been included in Capital Assessment District funding for Natomas Levee project.
Fees for water, sewer, gas, or electric services	NA	
Impact fees for new development	Y	District requires impact fee and mitigation for new development
Storm water utility fee	N	
Incur debt through general obligation bonds and/or special tax bonds	Y	District has authority but currently has no GO Bonds outstanding
Incur debt through private activities	N	

Funding Resource	Access/ Eligibility (Y/N)	Has the funding resource been used in past and for what type of activities? Could the resource be used to fund future mitigation actions?
Community Development Block Grant	NNA	
Other federal funding programs	Y	Emergency funding through Corps of Engineer's PL 84-99 authority; FEMA disaster assistance funding and grants for declared emergency events; federal appropriations for flood mitigation projects through the Army Corps of Engineers Currently being used for Natomas Levee Project; could be used for future identified federal flood risk reduction projects in Natomas. Bureau of Reclamation water efficiency grant funding was used to implement phase 1 SCADA improvements to monitor water levels and pump operations to improve flood operations and notify of power outages
State funding programs	Y	Fund were received from Department of Water Resource flood maintenance grant program past 3 years used to purchase equipment and implement flood risk reduction projects. Funds may be available in future if State legislature appropriates funding. Other future State sponsored grant programs. Cost sharing on federal flood risk reduction projects currently being used for Natomas Levee Project; could also be used for future flood risk reduction projects in Natomas
Other		
How can these capabilities be expanded and improved to reduce risk?		
The District will need to seek an increase in its annual assessment to cover both O&M and capital improvement costs in the next five years. With a voter approved increase, capital improvements including hazard mitigation projects can be implemented as well as maintaining a robust O&M plan for the levees and flood patrols and emergency response capabilities. RD 1000 will need to coordinate with SAFCA and the State on federal Bank Protection projects to address erosion on the Sacramento River levee.		

Source: RD 1000

L.6.4. Mitigation Education, Outreach, and Partnerships

Table L-10 identifies education and outreach programs and methods already in place that could be/or are used to implement mitigation activities and communicate hazard-related information.

Table L-10 RD 1000's Mitigation Education, Outreach, and Partnerships

Program/Organization	Yes/No	Describe program/organization and how relates to disaster resilience and mitigation. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	Y	District has a community outreach program which includes annual meetings with community and neighborhood groups providing educational material on our public safety role and mission. District has a proactive website, Facebook page and Twitter account that we use to provide information to the public both generally and during an emergency.
Natural disaster or safety related school programs		District has reached out to school district to partner on a flood safety program—hope to achieve in near future.
StormReady certification	NA	
Firewise Communities certification	NA	
Public-private partnership initiatives addressing disaster-related issues		
Other	Y	District has received the Certificate of Transparency from California Special District's Association for the past five years.
How can these capabilities be expanded and improved to reduce risk?		
Educating the public on our District's public safety role and mission will increase the awareness of flood risks in Natomas, the importance of our work, and the need to stay informed during an emergency. District could improve its outreach with a public relations consultant to assist with messaging and reaching vulnerable populations. Public education will assist in securing funding for future work and improved public safety.		

Source: RD 1000

L.6.5. Other Mitigation Efforts

Levee Failure and 1%/0.2% chance flood event

As previously described, efforts are currently underway to address both these potential risks with the goal of providing Natomas at least 200 year level of flood protection (a 0.5% risk of flooding in any given year) and looking for opportunities to improve the system even beyond this level; particularly as urbanization of the basin continues. RD 1000 is collaborating with the Corps of Engineers, State Central Valley Flood Protection Board and Sacramento Area Flood Control Agency on these improvements. The work is being done on the 42 mile perimeter federal levee system protecting Natomas and includes new adjacent levees, expanded levees, seepage cutoff walls, seepage berms, pumping plant modifications, retaining walls, landside patrol/maintenance access roads, utility relocations and other improvements.

Work on the project commenced in 2006 by SAFCA which completed approximately 50% of the levee work shown on the attached map in blue. The remaining work, shown in red, is being done by the Corps of Engineers based on the 2014 Congressional authorization. Following is the status of the remaining work by Reach.

- Reach A—Contract to be awarded in 2021 with construction commencing in 2022 for three years
- Reach B—Currently under construction expected to be completed by 2023.
- Reach C—All work was completed by SAFCA
- Reach D—Levee work completed by SAFCA; minor levee work remaining was completed by the Corps in 2020; replacement of Pumping Plant 4 under construction to be completed by 2022
- Reach E—Under design with construction scheduled for 2023 and 2024
- Reaches F and G—Under design as a single project with construction scheduled for 2024 and 2025
- Reach H—Levee work under construction to be completed in 2021
- Reach I—Levee work was completed in 2019; remaining work includes levee slope flattening and construction of a patrol/maintenance road at the landside toe to be constructed in 2022 or 2023

The District's goal is to complete all the work by 2025.

Other previous Flood Hazard Mitigation Projects

- Implementation of the initial phase of a SCADA system to monitor canal levels and pump station operations alerting field staff of any power outages or flow restrictions.
- Bank erosion protection projects implemented with the Corps of Engineers and State CVFPB to address identified high risk areas for erosion potential which could impact levee stability

Operational Flood Mitigation

RD 1000 conducts the following operations to mitigate flood hazards

- Annual pre-flood season levee inspections to identify deficiencies or maintenance needs prior to the flood season
- Annual pre-flood season inspection and testing of pumping plants to identify deficiencies or maintenance needs.
- During high water events, RD 1000 field staff monitors the levees and pump stations on a 24/7 basis looking for seepage, boils, erosion or other signs of levee distress. In addition, crews monitor the pump station operations and remove debris from the trash racks to maintain flows.
- Participate in flood exercises with the City and County when conducted
- Field staff participate in annual flood fight training and exercises conducted by California Department of Water Resources
- Maintain an inventory of flood fight materials including large rock, sandbags, aggregate base material, sand, tools and equipment
- Resurface and/or replenish AB on levee patrol roads prior to flood season.
- Treat vegetation in canals and drains prior to flood season to improve flows.

Power Outage/Power Failure Hazard Mitigation

RD 1000 has one backup generator installed at its Plant 1A and Plant 1B location across from the District office at the southern end of the District. The generator is diesel powered and capable of operating all six

pumps at 1B and a portion of Plant 1A pumps but must be re-fueled several times a day. Several other plants are equipped for portable generators to be connected, but the District currently does not possess any.

Security Hazard Mitigation

RD 1000 has replaced existing fencing at Plant 8 and Plant 1 with improved security fencing to reduce the risk of vandalism or theft at the pumping plants. In addition, new plants being replaced or constructed are specified to include the new security fencing.

RD 1000 has a security alarm at both the office and Corp Yard to alert staff and law enforcement of intrusions. In addition, the District partners with Natomas Basin Conservancy and Natomas Water Company on security patrols during non-working hours.

RD 1000 has worked with other partners in the Natomas Basin including the Sacramento Area Flood Control Agency, Natomas Central Mutual Water Company, Natomas Basin Conservancy, Sacramento County Airports and the City of Sacramento on projects of mutual benefit that address public safety and the District's flood control mission.

L.7 Mitigation Strategy

L.7.1. Mitigation Goals and Objectives

The RD 1000 adopts the hazard mitigation goals and objectives developed by the HMPC and described in Chapter 5 Mitigation Strategy.

L.7.2. Mitigation Actions

The planning team for the RD 1000 identified and prioritized the following mitigation actions based on the risk assessment. Background information and information on how each action will be implemented and administered, such as ideas for implementation, responsible office, potential funding, estimated cost, and timeline are also included. The following hazards were considered a priority for purposes of mitigation action planning:

- Climate Change
- Floods: 1%/0.2% annual chance
- Levee Failure
- Severe Weather: High Winds and Tornadoes

It should be noted that many of the projects submitted by each jurisdiction in Table 5-4 in the Base Plan benefit all jurisdictions whether or not they are the lead agency. Further, many of these mitigation efforts are collaborative efforts among multiple local, state, and federal agencies. In addition, the countywide public outreach action, as well as many of the emergency services actions, apply to all hazards regardless of hazard priority. Collectively, this multi-jurisdictional mitigation strategy includes only those actions and projects which reflect the actual priorities and capacity of each jurisdiction to implement over the next 5-years covered by this plan. It should further be noted, that although a jurisdiction may not have specific projects identified for each priority hazard for the five year coverage of this planning process, each

jurisdiction has focused on identifying those projects which are realistic and reasonable for them to implement and would like to preserve their hazard priorities should future projects be identified where the implementing jurisdiction has the future capacity to implement.

Multi-Hazard Actions

Action 1. Asset Management Plan Update

Hazards Addressed: 1%/0.5% Flood Event; Levee Failure; Localized Flooding, High Winds and Tornadoes

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background: RD 1000 has a significant number of flood control and drainage assets including pumping stations, canals, levees, drainage ditches and culverts which have not all be categorized or their current conditions assessed. There are several GIS and other historical documents which describe them but have not been fully inventoried nor their current conditions assessed. RD 1000 needs to identify all its assets, assess their conditions and develop a plan for their operation, maintenance and replacement at the end of their useful life so they continue to provide the flood risk reduction and drainage services they were intended to provide. The assessment would include evaluation for security In addition, RD 1000 needs to develop a funding mechanism to meet its current and future operational needs, capital replacement, and capital improvements to meet its flood safety responsibilities.

Project Description: RD 1000 will update its current asset management plan to identify its current and future funding needs for operations, maintenance, capital improvement, security, and capital replacement of its flood control and drainage facilities. This will require an outside consultant to develop a GIS data base, field survey to identify and assess conditions including security, development of costs for O&M and capital replacement. This asset management plan will be used to identify current and future funding needs including mechanisms for funding.

Other Alternatives: The alternative is to continue with current practice which addresses problems as they are identified or when assets fail.

Existing Planning Mechanism(s) through which Action Will Be Implemented: The asset management plan will be funded through current budgeting and funding mechanisms with approval by the Board of Trustees.

Responsible Agency/ Department/Partners: The asset management plan will be done by an outside consultant under the direction of the General Manager and the Operations Manager

Cost Estimate: The estimate to update the asset management plan as described above is \$1.6 million

Benefits (Losses Avoided): Benefits are the timely replacement of assets before they fail. If assets fail during an emergency or flood event, property damage will occur as previously described for the flood events described above

Potential Funding: The most likely funding will be the RD 1000 general fund through the annual budgeting process. We are currently looking at future funding mechanisms to meet the District's current and future funding needs including development of this asset management plan.

Timeline: If a funding mechanism is identified and successfully implemented, an asset management plan could be developed withing 2 to 3 years. If RD 1000 relies on its current funding, the plan would have to be implemented in phases over a longer period.

Project Priority (H, M, L): This is a high priority project since much of the planning and funding are dependent on identifying the assets and their funding needs.

Action 2. Corporation Yard Improvements

Hazards Addressed: 1%/0.5% Flood Event; Levee Failure

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background: RD 1000's current Corporation Yard (yard) is small and does not provide for an efficient operation, especially during a flood fight when time delays can be critical. The District stores much of its flood fight materials including large rock, sandbags, visquine and aggregate base at its Corporation Yard. Equipment, including dump trucks need to be loaded for deployment to a flood fight to prevent a levee failure. Under the current layout, trucks need to wait and cannot be loaded in an efficient manner resulting in delays delivering to the levee site. RD 1000 recently acquired additional area adjacent to its yard as part of the SAFCA levee project improvements.

Project Description: RD 1000 has developed a masterplan for the layout of its yard, which provides for an efficient method to load trucks with flood fight materials without delays, store additional flood materials, and provide locations where equipment can be protected from the elements extending their life. Implementing the masterplan requires additional access road construction, extending perimeter fencing, extending the security alarm system, and developing equipment storage and maintenance facilities. This masterplan has not been implemented due to funding constraints.

Other Alternatives: Alternatives would be to continue with the current system which is inefficient for flood fighting resulting in delays and increasing the risk of levee failure. Another alternative would be to develop a new Corporation Yard at other locations which would be more costly.

Existing Planning Mechanism(s) through which Action Will Be Implemented:

RD 1000 would use a combination of its existing field work force supplemented by specialty contractors (for pavement, fences or building construction) to implement the yard masterplan. The work would be scheduled into the District's current maintenance plan as time allows.

Responsible Agency/ Department/Partners: As noted above, the work will be done by a combination of RD 1000 field work force and outside contractors hired by the District under the direction of the Operations Manager

Cost Estimate: The estimated cost to implement the Corporation Yard Masterplan is \$200,000

Benefits (Losses Avoided): The benefits of implementing the Corporation Yard Masterplan are a more efficient operations and maintenance plan, especially during the initial stages of a flood fight when delays can result in a levee failure with catastrophic property damage and potential for loss of life.

Potential Funding: The most likely funding will be the RD 1000 general fund through the annual budgeting process. We are currently looking at future funding mechanisms to meet the District's current and future funding needs including implementation of the Corporation Yard Masterplan

Timeline: RD 1000 implemented some of the proposed yard masterplan over the past several years. However, limited funding and other flood control and drainage priorities have prevented completion of the proposed improvements. With current constraints, the improvements would be delayed for up to 4 years.

Project Priority (H, M, L): The Corporation Yard Masterplan implementation is a Medium priority for RD 1000 unless funding becomes available.

Action 3. *Waterside Levee Inspection Capability*

Hazards Addressed: Levee Failure, High Winds and Tornadoes

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background:

Active erosion on the waterside of the levees in the Sacramento River creates a potential levee failure mode for the adjacent levees. If the levee fails, it would result in catastrophic flooding within Natomas including loss of life. RD 1000 would benefit from a pro-active program to inspect and monitor the erosion activity to intervene before the erosion poses a threat to the levee.

Project Description: Develop a baseline for current erosion activity and develop a system to conduct periodic inspections to monitor. Engage a professional engineer to assist the District in developing criteria for when erosion could impact the adjacent levee and develop a mitigation strategy to address the threat.

Other Alternatives: A no action alternative would be to rely on the State and Corps of Engineers for their inspections and assessment of the waterside berm.

Existing Planning Mechanism(s) through which Action Will Be Implemented:

Development of a waterside erosion plan would be done by an outside consultant under the direction of the General Manager and Operations Manager with approval by the Board of Trustees.

Responsible Agency/ Department/Partners: RD 1000 would be the responsible agency working in partnership with the California Central Valley Flood Protection Board and Corps of Engineers.

Cost Estimate: The estimated cost to develop the waterside erosion plan would be approximately \$100,000. The annual expenses to conduct the surveys and evaluate the information would be \$25,000.

Implementing a bank protection project should it be determined necessary would range from \$1.0 to \$10.0 million depending on the size of the site and necessary repairs.

Benefits (Losses Avoided): Implementation of a bank erosion program could prevent a future catastrophic levee failure which would result in significant flood damages and loss of life.

Potential Funding: Potential funding includes RD 1000 General Fund, a funding mechanism identified for the 2020 Capital Improvement Plan Update or FEMA/State flood mitigation grant funds Implementation of bank protection projects would require funding from the State and Corps of Engineers under the Sacramento River Bank Protection Authority.

Timeline: Once funding is identified, a bank erosion prevention program could be established in about 2 years with an on-going annual commitment.

Project Priority (H, M, L): Given the current program by the State and Corps, this would be a Medium priority for RD 1000

Action 4. Pleasant Grove Area Levee Improvements

Hazards Addressed: 1%/0.5% Flood; Levee Failure

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background: RD 1000 operates and maintains a system of levees east of the Natomas Basin in the Pleasant Grove area. These levees are not part of the Federal Sacramento River Flood Control Project system and thus not eligible for PL84-99 or other federal funds. These levees are lower than the federal levees to the west and have overtopped and failed in 1986, 1997 and they almost failed in 2017. RD 1000 did a flood fight to protect these levees in 2017 and received FEMA disaster assistance funds for the work performed. If the levees can be raised to uniform height, the risk of failure would be reduced. When the levees fail, they cause property damage and structure damage, though the area is primarily agricultural with only a few ag-res properties

Project Description: The project would be to raise the existing Pleasant Grove Area levees to provide a uniform freeboard above the design flood elevation. The top of the levees would be raised from zero to a maximum of approximately one foot above their current elevation. Most of the work could be done on the crown of the existing levee, though some areas may require landside fill to provide an adequate levee crown.

Other Alternatives: Alternatives would be to do nothing and continue flood fighting during high water events. Short flood walls could also be used to provide the freeboard, but these would impact levee maintenance and be more expensive than embankment fill.

Existing Planning Mechanism(s) through which Action Will Be Implemented: Since these levees are not part of the federal project, the work would have to be implemented by RD 1000 including CEQA and permitting as part of its Capital Improvement Plan

Responsible Agency/ Department/Partners: RD 1000 would be the responsible agency

Cost Estimate: The estimated costs for design, environmental, permitting and construction is \$1.0 million

Benefits (Losses Avoided): The project benefits would be reduced property damage due to future flooding, avoided costs to repair damage to levees as experienced in 1986, 1997 and 2017. It is anticipated there were damages during prior flood events, but RD 1000 does not have any detailed records of the damages or repairs.

Potential Funding: Potential funding includes the RD 1000 general fund through the annual budget process; potential grants for rural levee improvements through the State or as part of the funding mechanism for the 2020 Capital Improvement Plan Update.

Timeline: If funding is identified, the project could be implemented within 2 years. If no funding is identified the project would likely not be implemented.

Project Priority (H, M, L): The Pleasant Grove Area levee improvements is a Medium priority for RD 1000

Action 5. Plant 1 Emergency Generator Natural Gas Conversion and Mobile Generators for Plants 2, 3 and 5

Hazards Addressed: 1%/0.5% Flood Event; Localized Flooding; Security

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background: RD 1000 currently has diesel powered generator at its Plant 1 facility which can be used to power Pumping Plant Nos 1A and 1B during a power outage. However, the generator requires the diesel tank be filled every 8 hours to fully function on a continuous basis. During a flood emergency access to a tanker truck several times a day may not be reasonable due to road flooding, traffic issues from the power outage and other emergency demands. The proposal would be to convert/replace the diesel generator with a natural gas generator with continuous supply from an existing gas main near the facility. Plant No. 1 is one of the key facilities and most used during a flood event. In addition, RD 1000 currently has not backup generators for Plants 2, 3 and 5 to allow for pumping during a power outage.

Project Description: Replace or convert the existing diesel powered generator at Pumping Plant No. 1 to a natural gas powered generator for use during a power outage. Purchase portable generators that could be deployed to Plants 2, 3 and 5 as necessary during a power outage and retrofit the plants to accept the generator connections.

Other Alternatives: The only alternative would be to continue using the diesel powered generator and rely on having sufficient diesel supply during the power outage or construct a larger or second diesel tank. Though feasible, this would require additional diesel be stored at the site which may not be used before the fuel becomes unusable and must be replaced. The use of natural gas would be less expensive for long term operations since the gas is kept by the supplier once the initial capital costs are invested. For plants 2,3 and 5 the alternative would be to not have generators and be unable to pump during a power outage at these facilities. We could attempt to lease/rent generators during an emergency, but they may not be available.

Existing Planning Mechanism(s) through which Action Will Be Implemented: The project would be implemented by RD 1000 as part of its Capital Improvement Plan and as approved in the annual budget by the Board of Trustees.

Responsible Agency/ Department/Partners: RD 1000 would be the responsible agency

Cost Estimate: The estimated cost for the diesel to natural gas conversion of the Plant 1 generator is \$500,000. The cost for purchase and implementation of portable generators for Plants 2, 3 and 5 is \$600,000.

Benefits (Losses Avoided): The benefits of a generator to power the pumping plant during a power outage were described above and would include flood risk reduction and prevention of property damage and potential road closures during flood events which could impact evacuation if accompanied by levee stability issues.

Potential Funding: Potential funding includes RD 1000 General Fund, a funding mechanism identified for the 2020 Capital Improvement Plan Update or FEMA/State flood mitigation grant funds.

Timeline: Once funding is identified, the project could be implemented within 2 years.

Project Priority (H, M, L):

The generator conversion from diesel to natural gas at Plant 1 and purchase of portable generators for Plants 2, 3 and 5 are a High priority for RD 1000.

Action 6. Plant 8 Improvements

Hazards Addressed: 1%/0.5% Flood Event; Localized Flooding; Security

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background: Pumping Plant No. 8 is the most used plant in the RD 1000 system due to its high capacity and flexibility in operations due to numerous pumps at this facility of varying output capabilities. The plant, however, is located on a parcel that is not easily accessible and small creating logistic issues for operations and maintenance. The outfall pipes are located across a four lane arterial street and not accessible from the plant. In addition, the plant is serviced by low voltage from the supplier (SMUD) which has led to electrical issues during flood operations.

Project Description: The proposed project is to reconstruct the plant to improve its operation, replace the discharge pipes, and replace the power with medium voltage which is more reliable and reduces electrical issues during flood events.

Other Alternatives: Other alternatives would be to downsize the project to only replace the power supply as a phased approach. However, all facilities have a fixed useful life, and eventually the pumping plant will have to be replaced.

Existing Planning Mechanism(s) through which Action Will Be Implemented: The project would be implemented as part of its overall Capital Improvement Plan as identified in the 2020 update as an RD 1000 project

Responsible Agency/ Department/Partners: RD 1000 would be the responsible agency

Cost Estimate: The total project cost estimate is approximately \$27.0 million (\$21.4 million for pump plant reconstruction and \$5.6 for discharge and outfall replacement).

Benefits (Losses Avoided): As described above, the benefits for this project are the flood risk reduction and prevention of property damage during a flood event if the pump plant were to fail. As noted, Plant 8 is the most used pumping plant in the RD 1000 system. Though the costs for replacement are high, the facility will eventually have to be replaced when it exceeds its useful life.

Potential Funding: Given the high cost, the likely funding would be associated with a proposed funding mechanism to implement the 2020 Capital Improvement Plan Update

Timeline: Given the high cost, this project could only be funded through a debt issuance or after a number of years where the Capital Reserves are built up. If funding source was identified, the project could be implemented in about 5 years.

Project Priority (H, M, L): Because it is a critical facility for RD 1000 the replacement of Pumping Plant 8 is a High priority.

Action 7. Expanded SCADA System

Hazards Addressed: Localized Flooding; 1%/0.5% flood; Security

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background: RD 1000 prepared a SCADA Master Plan (Plan) to be able to monitor drain levels and pump operations remotely to allow for effective and efficient flood operations. SCADA allows RD 1000 staff to identify potential problems such as power outages or high canal levels and respond in a timely manner. The District partially implemented SCADA improvements in 2018-2019 including monitoring at Pumping Plant Nos. 1,2,3, and 8. We have also requested SCADA be included in Plants 4 and 8 when they reconstructed by the Corps of Engineers under their Natomas Levee Project.

Project Description: The project proposes to expand the SCADA to include all RD 1000 pumping plants and be placed at key locations within the drainage system to assist with decisions on which pumps to operate. The Plan also includes adding security measures such as cameras to notify staff if there is a security breach at one of our facilities so law enforcement can be dispatched. Loss of power at pumping plants due to security breaches can lead to property damage from localized flooding

Other Alternatives: There are no other alternatives other than continue the current operations with the limited SCADA improvements.

Existing Planning Mechanism(s) through which Action Will Be Implemented: Implementation of the SCADA Plan would be done through a contractor under the direction of the General Manager and Operations Manager.

Responsible Agency/ Department/Partners: RD 1000 would be the responsible agency. Other partners could include the Natomas Mutual Water Company, Natomas Basin Conservancy, City of Sacramento, Sacramento County and Sutter County all who have an interest in canal levels and pumping operations in Natomas.

Cost Estimate: The estimated cost to implement the remaining elements of the SCADA Masterplan (including canal levels) is \$1.5 million

Benefits (Losses Avoided): Implementation of the SCADA improvements would allow for more effective and efficient operations during flood events. Quick problem identification allows for actions to mitigate the flood risk and prevent potential flood damages due to high water levels or power outages.

Potential Funding: Potential funding includes RD 1000 General Fund, a funding mechanism identified for the 2020 Capital Improvement Plan Update or FEMA flood mitigation grant funds.

Timeline: Once a funding source is identified, the SCADA Masterplan improvements could be implemented in 2 to 4 years.

Project Priority (H, M, L): Completion of the SCADA Masterplan improvements is a High priority for RD 1000.

Action 8. Update Emergency Operations Plan and Staffing

Hazards Addressed: 1%/0.5% Flood Event; Levee Failure; Security; Localized Flooding

Goals Addressed: 1, 2, 3, 4, 5

Issue/Background: RD 1000 has an adopted Emergency Action Plan (EAP). With the recent and on-going improvements to the levee system as part of the Natomas Levee Improvement Project, it would be appropriate to review and update the plan based on the improvements which have been made to the system. The EAP will include identifying locations where emergency flood fight materials are stored for deployment during a flood emergency. In addition, the current emergency action plan requires additional staffing during a flood emergency to conduct the adopted levee patrol requirements. Also, should there be a need to conduct a flood fight, additional personnel will be required to continue the levee patrols while other staff are assisting with the flood fight.

Project Description: Update the current emergency action plan to incorporate the recent Natomas Project Levee Improvements constructed by the Corps of Engineers and SAFCA. Review current mutual aid agreements and amend as necessary to ensure appropriate staffing levels to meet the Emergency Action Plan requirements. Based on these agreements, RD 1000 may need to pursue contracts with private consultants to provide necessary staffing during a flood emergency. In addition, the EAP will identify

strategic locations where flood fight materials can be stored for deployment during a flood event. This will require purchasing or leasing property for the storage.

Other Alternatives: The only alternative would be to not update the emergency action plan and continue with existing agreements for staffing. During an emergency, resources may not be available from our mutual aid partners due to their own emergency response needs.

Existing Planning Mechanism(s) through which Action Will Be Implemented: Updating the Emergency Action Plan would be done by an outside consultant working with the RD 1000 staff under the direction of the General Manager.

Responsible Agency/ Department/Partners: RD 1000 would be the responsible agency to update the Emergency Action Plan. It will coordinate with the California Central Valley Flood Protection Board and Sacramento County Office of Emergency Services

Cost Estimate: The estimated cost to update the Emergency Action Plan and develop a staffing plan and agreements would be approximately \$100,000. The purchase and establishment of stockpile sites would cost approximately \$750,000

Benefits (Losses Avoided): Having a functional Emergency Action Plan based on current conditions is essential to responding in a flood emergency and preventing flooding or a potentially catastrophic levee failure. It is essential for RD 1000 to have the necessary resources to respond during a flood emergency to monitor the system and respond if problems are found. Having flood fight materials strategically located will reduce response time and potentially prevent a levee failure.

Potential Funding: Potential funding includes RD 1000 General Fund, a funding mechanism identified for the 2020 Capital Improvement Plan Update, State flood control assistance grants or FEMA flood mitigation grant funds

Timeline: The current Natomas Levee Project is expected to be completed by 2025. However, the proposed improvements are generally known allowing for the Emergency Action Plan update to be initiated. Once a funding source is identified, the update can be completed in approximately 1 year.

Project Priority (H, M, L): Emergency Action Plan Update and resource evaluation are a High priority for RD 1000



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 5.7

TITLE: Warrant for Fund Transfer

SUBJECT: Review and Consider Approval of Warrant for Transferring Funds between Investment Accounts

EXECUTIVE SUMMARY:

Reclamation District 1000 maintains an Operation and Maintenance Fund with the Sacramento County Treasury pursuant to Water Code section 50657, and Reclamation District 1000 assumes responsibility for disbursement of such Revolving Fund. Funds held in the Reclamation District 1000 Operation and Maintenance fund held by the Sacramento County Treasurer may be withdrawn or paid solely by a warrant signed by any four or more of the Trustees of the District as identified in the District's approved Resolution No. 2021-01-01 (Attachment 2).

REQUEST:

Staff requests a fund transfer via warrant for \$2 million from the District's O/M Fund with the Sacramento County Treasury. One million dollars will replenish the District's LAIF fund for day-to-day District expenses. One million will provide funding toward Board approved local partnership projects (i.e., interior levee recertification work and geotechnical exploration).

The State Controller's Local Agency Investment Fund (LAIF) fund serves as the District's primary fund for transfers between the District's 'local' bank accounts (money market/checking) to manage cash-flow and cover the District's day-to-day expenses. The benefits of having available funds in LAIF are a potentially higher return rate, higher liquidity, and same-day transfers (Attachment 1).

The District's Investment Policy (Attachment 3) and Financial Reserve Policy (Attachment 4) are provided for reference.

RECOMMENDATION:

Staff recommends the Board approve a warrant for transferring funds between investment accounts.

FINANCIAL IMPACT:

Fund rebalance between the District's O/M Fund and LAIF account.

TITLE: Warrant for Fund Transfer

ATTACHMENTS:

1. Investment Fund Yield Analysis
2. Resolution No. 2021-06-01
3. Investment Policy
4. Financial Reserve Policy

STAFF RESPONSIBLE FOR REPORT:



Joleen Gutierrez, Administrative Services Manager

Date: 02/01/2022



Kevin L. King, General Manager

Date: 02/01/2022

LAIF					
Average balance during fiscal 2020	1,456,796.19	Average balance during fiscal 2021	1,456,796.19	Average balance during fiscal 2022	2,217,809.34
Fiscal 2020 LAIF interest income	<u>47,941.02</u>	Fiscal 2021 LAIF interest income	<u>8,121.12</u>	Fiscal 2022 LAIF interest income	<u>1,692.58</u>
Calculated 2020 rate of return	<u>3.29%</u>	Calculated 2021 rate of return	<u>0.56%</u>	Calculated 2022 rate of return	<u>0.08%</u>
Sac County Treasury					
Average balance during fiscal 2020	4,124,091.91	Average balance during fiscal 2021	4,941,364.49	Average balance during fiscal 2022	5,685,762.99
Fiscal 2020 Sac County interest income	<u>38,141.00</u>	Fiscal 2021 Sac County interest income	<u>34,006.77</u>	Fiscal 2022 Sac County interest income	<u>281.00</u>
Calculated 2020 rate of return	<u>0.92%</u>	Calculated 2021 rate of return	<u>0.69%</u>	Calculated 2022 rate of return	<u>0.00%</u>
City Pool A					
2.21	Average for Fiscal 2020	1.22	Average for Fiscal 2021	0.82	Average for Fiscal 2022



RECLAMATION DISTRICT NO. 1000
RESOLUTION NO. 2021-06-01

**A RESOLUTION OF THE BOARD OF TRUSTEES OF RECLAMATION DISTRICT NO. 1000
AUTHORIZING OFFICERS AND TRUSTEES AS SIGNATORIES TO THE OPERATIONS AND
MAINTENANCE FUNDS HELD BY SACRAMENTO COUNTY TREASURER.**

At a regular meeting of the Board of Trustees of Reclamation District No. 1000 held at the District Office on the 11th day of June 2021, the following resolution was approved and adopted:

WHEREAS, Reclamation District No. 1000 maintains an Operation and Maintenance Fund held by the Sacramento County Treasurer; and

WHEREAS, Reclamation District No. 1000 also maintains a Revolving Fund pursuant to Water Code Section 50657; and Reclamation District No. 1000 assumes responsibility for disbursement of such Revolving Fund and agrees to hold and save the Sacramento County Treasurer harmless from any improper disbursement of such Revolving Fund as required by Water Code Section 50658; and

WHEREAS, the Board of Trustees by this Resolution desires to set forth the names and specimen signatures of the Officers and Trustees of Reclamation District No. 1000 and set forth the names and required signatures for withdrawal or payment of funds from such accounts;

NOW THEREFORE BE IT RESOLVED THAT: The Board of Trustees of Reclamation District No. 1000 affirm the names and specimen signatures of the Trustees of Reclamation District No. 1000, as provided herein:

- Nicholas Avdis
- Jag Bains
- Tom Barandas
- Christopher Burns
- Thomas Gilbert
- Debra G. Jones
- Elena Lee Reeder

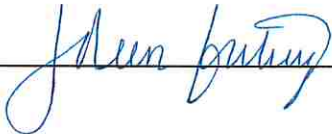
Handwritten signatures in blue ink over horizontal lines, corresponding to the names listed on the left. The signatures are: Nicholas Avdis, Jag Bains, Tom Barandas, Christopher Burns, Thomas Gilbert, Debra G. Jones, and Elena Lee Reeder.

BE IT FURTHER RESOLVED THAT: The Board of Trustees of Reclamation District No. 1000 affirm the names and specimen signatures of the Officers of Reclamation District No. 1000, as provided herein:

Kevin L. King
General Manager



Joleen Gutierrez
District Secretary



BE IT FURTHER RESOLVED THAT: Funds held in the Reclamation District No. 1000 Operation and Maintenance Fund held by the Sacramento County Treasurer may be withdrawn or paid solely by warrant signed by any four or more of the Trustees of the District as identified in this resolution and attested to by the Secretary of the Board of Trustees or General Manager as identified in this resolution.

BE IT FURTHER RESOLVED THAT: Funds on deposit in the District's revolving fund may be withdrawn or paid by check signed by any one of the Trustees identified in this resolution or the District Manager or District Secretary as identified in this resolution, for amounts less than \$20,000.00 and any two of the Trustees as identified in this resolution or the General Manager as identified and a Trustee as identified of this resolution for amounts exceeding \$20,000.00.

BE IT FURTHER RESOLVED THAT: Funds on deposit in the District's revolving fund may be withdrawn or paid via electronic fund transfer (ACH) to specific vendors as provided in Exhibit A of this resolution. Electronic fund transfers paid to vendors specified in Exhibit A shall not exceed \$20,000.00. If an amount to be paid via electronic transfer exceeds \$20,000.00, a written authorization must be received from a Trustee as identified in this Resolution in addition to authorization by the General Manager, an email authorization is considered a written authorization. Amounts of \$20,000.00 or less may be authorized by any of the Trustees identified in this resolution or the District Manager or District Secretary as identified in this resolution.

ON A MOTION BY Trustee Avdis, seconded by Trustee Lee-Reeder, the foregoing resolution was passed and adopted by the Board of Trustees of Reclamation District No. 1000, this 11th day of June 2021, by the following vote, to wit:

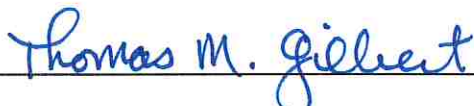
AYES: Trustees: Avdis, Bains, Barandas, Burns, Gilbert, Jones, Lee-Reeder

NOES: Trustees:

ABSTAIN: Trustees:

RECUSE: Trustees:

ABSENT: Trustees:



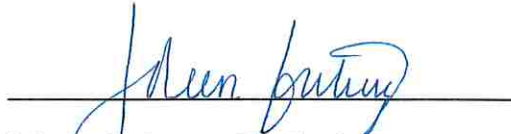
Thomas M. Gilbert

President, Board of Trustees

Reclamation District No. 1000

CERTIFICATION:

I, Joleen Gutierrez, Secretary of Reclamation District No. 1000, hereby certify that the foregoing Resolution 2021-06-01 was duly adopted by the Board of Trustees of Reclamation District No. 1000 at the regular meeting held on the 11th of June 2021 and made a part of the minutes thereof.



Joleen Gutierrez, District Secretary

EXHIBIT A

List of vendors approved by the Board to be paid electronically:

Vendor	Item(s) Paid
CalPERS	Pension/Health/Deferred Comp
PG&E	Utilities
City of Sacramento	Utilities
Verizon	Wireless Phone Service
Comcast	Internet Service
Smile Business	Office Equipment Maintenance
Alhambra	Water Service
Airgas	Shop Service
Berkshire Hathaway	Worker's Comp
Home Depot Credit	Shop Supplies
Napa Auto Parts	Equipment Supplies/Parts
Tractor Supply	Equipment Parts
Waste Management	Garbage/Recycling
Streamline	Website
ACWA JPIA	Dental/Vision/Life Insurance
US Healthworks	DOT Screening
Sacramento County Utilities	Utilities

RD 1000 Investment Policy

The following policy shall be used to guide the investments made by the District of any surplus or reserve funds it may have.

RD 1000 shall make prudent and reasonable investments which meet the requirement of all laws and government codes which apply in accordance with the following priorities.

First and foremost, is the security of the District's assets

Second, liquidity of funds for the operation and maintenance needs of the District including the potential for funds during a flood emergency.

Third, the District shall seek a reasonable rate of return on the investments once the first two priorities have been met.

Given the limited resources and expertise of the District, it is reasonable for it to invest funds in investment pools such as the State's Local Agency Investment Fund (LAIF), the County Treasurer's local government pool or the City of Sacramento's Pool A. Periodically, the District's Board of Trustees shall review the relative split of investments among the various pools and direct staff to make changes as appropriate. In making such decisions, the Board shall consider the relative security, liquidity and rate of return offered by each pool and shall give consideration to the specific financial instruments which each of the pools have invested.

RECLAMATION DISTRICT NO. 1000

FINANCIAL RESERVE POLICY

The purpose of this policy is to ensure sufficient resources for current services and obligations; potential flood emergency response; future anticipated funding requirements, including replacement of capital infrastructure and any other unforeseen events.

To meet these objectives, Reclamation District No. 1000 will at all times strive to have sufficient funding available to meet its public safety obligations. Reserve funds will be accumulated and managed in a manner which allows the District to meet its normal operations and maintenance, public safety flood control responsibilities, Capital Improvement Program goals, and other long range financial plans. The District will also maintain a cash reserve position that may be utilized to fund unexpected fluctuations in revenues and operating/capital expenditures. The level of reserves maintained and policies behind them will be reviewed annually with the Board of Trustees during budget deliberations.

Definitions

There are two categories of reserves – Restricted and Unrestricted – defined by Generally Accepted Accounting Principles (GAAP)

Restricted Reserves: Funds for which uses are constrained by either (a) externally imposed obligations with creditors, grantors, contributors, or laws/regulations of other governments; or (b) laws enacted through constitutional provisions or enabling legislation.

Unrestricted Reserves: Funds for which uses are not constrained by externally imposed restrictions. The use of these funds are at the discretion of the Board of Trustees

Restricted Reserves

Reclamation District No. 1000 currently has no restricted reserves. The Metro Airport Restricted Fund is utilized in full annually to offset pumping costs at Plant 3.

Unrestricted Reserves

Reclamation District No. 1000 currently has the following unrestricted reserves.

a. Operating Reserves

This Operating Reserves are to ensure adequate working capital for cash flow needs during the year. Since the District does not receive its first annual benefit assessment installment until January, it must have sufficient reserves to fund its budgeted operations and maintenance activities and capital expenditures for at least six months. To meet this need, with some flexibility, the target funding level for the Operating Reserves will be seventy percent of the annual fiscal year budget approved by the Board.

b. Flood Fight Reserves

The Flood Fight Reserves are to provide sufficient funds for the District to respond during a flood emergency including use of outside contractors to supply materials, labor and equipment to prevent a catastrophic levee failure. While we recognize a large scale flood emergency is beyond the financial capabilities of the District and require assistance from the State of California and U.S. Army Corps of Engineers; we must be in a position financially to initiate the emergency response and stabilize a potential levee failure until the State and Corps can mobilize and assist. The target funding level for the Flood Fight Reserve is \$1.5 million which would allow the District to fund a flood emergency response until the State and Federal government provide assistance. The amount in this reserve will be reviewed annually by the Board and adjusted as appropriate.

c. Capital Fund Reserves

The Capital Fund Reserves provide funds for the orderly and timely improvement, repair and/or replacement of existing District facilities to maintain its current level of service. The District has developed a Capital Improvement Plan in 2014 which identifies capital projects and funding need projections for the next 20 years. As noted by the CIP, the District will need between \$1.1 million and \$3.3 million annually (depending on anticipated capital work by others) to meet its CIP goals. Currently there is no funding target level for the Capital Reserves; the remaining funds after the Operation and Maintenance and Flood Fight targets are met are designated as Capital Fund Reserves.



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 5.8

TITLE: Receive and File

SUBJECT: Receive and File Sacramento County Annual Investment Policy of the Pooled Investment Fund – Calendar Year 2022.

EXECUTIVE SUMMARY:

The District participates in the County of Sacramento's Pooled Investment Fund. On an annual basis the District must receive and file the County's Annual Investment Policy of the Pooled Investment Fund (Attachment No. 1).

RECOMMENDATION:

Staff recommends the Board receive and file the Sacramento County Annual Investment Policy of the Pooled Investment Fund – Calendar Year 2022.

FINANCIAL IMPACT:

None.

ATTACHMENTS:

1. Sacramento County Annual Investment Policy of the Pooled Investment Fund – Calendar Year 2022.

STAFF RESPONSIBLE FOR REPORT:

Kevin L. King, General Manager

Date: 02/02/2021



SACRAMENTO COUNTY

**Annual Investment Policy
of the Pooled Investment Fund**

CALENDAR YEAR 2022

*Approved by the
Sacramento County Board of Supervisors*

December 7, 2021
Resolution No. 2021-0770

Table of Contents

I.	Authority.....	1
II.	Policy Statement.....	1
III.	Standard of Care.....	1
IV.	Investment Objectives.....	1
	A. Safety of Principal.....	1
	B. Liquidity.....	2
	C. Public Trust.....	2
	D. Maximum Rate of Return.....	2
V.	Pooled Investment Fund Investors.....	2
VI.	Implementation.....	2
VII.	Internal Controls.....	3
VIII.	Sacramento County Treasury Oversight Committee.....	3
IX.	Investment Parameters.....	4
	A. Investable Funds.....	4
	B. Authorized Investments.....	5
	C. Prohibited Investments.....	5
	D. Credit Requirements.....	5
	E. Maximum Maturities.....	6
	F. Maximum Concentrations.....	7
	G. Repurchase Agreements.....	8
	H. Community Reinvestment Act Program.....	8
	I. Criteria and Qualifications of Brokers/Dealers and Direct Issuers.....	8
	J. Investment Guidelines, Management Style and Strategy.....	9
	K. Approved Lists.....	9
	L. Calculation of Yield and Costs.....	9
X.	Reviewing, Monitoring and Reporting of the Portfolio.....	10
XI.	Withdrawal Requests for Pooled Fund Investors.....	10
XII.	Limits on Honoraria, Gifts and Gratuities.....	10
XIII.	Terms and Conditions for Outside Investors.....	11
	Appendix A – Comparison and Interpretation of Credit Ratings.....	12

SACRAMENTO COUNTY

**Annual Investment Policy
of the Pooled Investment Fund**

CALENDAR YEAR 2022

I. Authority

Under the Sacramento County Charter, the Board of Supervisors established the position of Director of Finance and by ordinance will annually review and renew the Director of Finance's authority to invest and reinvest all the funds in the County Treasury.

II. Policy Statement

This Investment Policy (Policy) establishes cash management and investment guidelines for the Director of Finance, who is responsible for the stewardship of the Sacramento County Pooled Investment Fund. Each transaction and the entire portfolio must comply with California Government Code and this Policy. All portfolio activities will be judged by the standards of the Policy and its investment objectives. Activities that violate its spirit and intent will be considered contrary to the Policy.

III. Standard of Care

The Director of Finance is the Trustee of the Pooled Investment Fund and therefore, a fiduciary subject to the prudent investor standard. The Director of Finance, employees involved in the investment process, and members of the Sacramento County Treasury Oversight Committee (Oversight Committee) shall refrain from all personal business activities that could conflict with the management of the investment program. All individuals involved will be required to report all gifts and income in accordance with California state law. When investing, reinvesting, purchasing, acquiring, exchanging, selling and managing public funds, the Director of Finance shall act with care, skill, prudence, and diligence to meet the aims of the investment objectives listed in Section IV, Investment Objectives.

IV. Investment Objectives

The Pooled Investment Fund shall be prudently invested in order to earn a reasonable return, while awaiting application for governmental purposes. The specific objectives for the Pooled Investment Fund are ranked in order of importance.

A. Safety of Principal

The preservation of principal is the primary objective. Each transaction shall seek to ensure that capital losses are avoided, whether they be from securities default or erosion of market value.

B. Liquidity

As a second objective, the Pooled Investment Fund should remain sufficiently flexible to enable the Director of Finance to meet all operating requirements that may be reasonably anticipated in any depositor's fund.

C. Public Trust

In managing the Pooled Investment Fund, the Director of Finance and the authorized investment traders should avoid any transactions that might impair public confidence in Sacramento County and the participating local agencies. Investments should be made with precision and care, considering the probable safety of the capital as well as the probable income to be derived.

D. Maximum Rate of Return

As the fourth objective, the Pooled Investment Fund should be designed to attain a market average rate of return through budgetary and economic cycles, consistent with the risk limitations, prudent investment principles and cash flow characteristics identified herein. For comparative purposes, the State of California Local Agency Investment Fund (LAIF) will be used as a performance benchmark. The Pooled Investment Fund quarterly performance benchmark target has been set at or above LAIF's yield. This benchmark was chosen because LAIF's portfolio structure is similar to the Pooled Investment Fund.

V. Pooled Investment Fund Investors

The Pooled Investment Fund investors are comprised of Sacramento County, school and community college districts, districts directed by the Board of Supervisors, and independent special districts and joint powers authorities whose treasurer is the Director of Finance. Any local agencies not included in this category are subject to California Government Code section 53684 and are referred to as outside investors.

VI. Implementation

In order to provide direction to those responsible for management of the Pooled Investment Fund, the Director of Finance has established this Policy and will provide it to the Oversight Committee and render it to legislative bodies of local agencies that participate in the Pooled Investment Fund. In accordance with California Government Code section 53646, et seq., the Board of Supervisors shall review and approve this Policy annually at a public meeting.

This Policy provides a detailed description of investment parameters used to implement the investment process and includes the following: investable funds; authorized instruments; prohibited investments; credit requirements; maximum maturities and concentrations; repurchase agreements; Community Reinvestment Act Program; criteria

and qualifications of broker/dealers and direct issuers; investment guidelines, management style and strategy; Approved Lists; and calculation of yield and costs.

VII. Internal Controls

The Director of Finance shall establish internal controls to provide reasonable assurance that the investment objectives are met and to ensure that the assets are protected from loss, theft, or misuse. To assist in implementation and internal controls, the Director of Finance has established an Investment Group and a Review Group.

The Investment Group, which is comprised of the Director of Finance and his/her designees, is responsible for maintenance of the investment guidelines and Approved Lists. These guidelines and lists can be altered daily, if needed, to adjust to the ever-changing financial markets. The guidelines can be more conservative or match the policy language. In no case can the guidelines override the Policy.

The Review Group, which is comprised of the Director of Finance and his/her designees, is responsible for the monthly review and appraisal of all the investments purchased by the Director of Finance and staff. This review includes bond proceeds, which are invested separately from the Pooled Investment Fund and are not governed by this Policy.

The Director of Finance shall establish a process for daily, monthly, quarterly, and annual review and monitoring of the Pooled Investment Fund activity. The following articles, in order of supremacy, govern the Pooled Investment Fund:

1. California Government Code
2. Annual Investment Policy
3. Current Investment Guidelines
4. Approved Lists (see page 9, Section IX.K)

The Director of Finance shall review the daily investment activity and corresponding bank balances.

Monthly, the Review Group shall review all investment activity and its compliance to the corresponding governing articles and investment objectives.

All securities purchased, with the exception of bank deposits, money market mutual funds, and LAIF, shall be delivered to the independent third-party custodian selected by the Director of Finance. This includes all collateral for repurchase agreements. All trades, where applicable, will be executed by delivery versus payment by the designated third-party custodian.

VIII. Sacramento County Treasury Oversight Committee

In accordance with California Government Code section 27130 et seq., the Board of Supervisors, in consultation with the Director of Finance, has created the Sacramento County Treasury Oversight Committee (Oversight Committee). Annually, the Oversight

Committee shall cause an audit to be conducted on the Pooled Investment Fund. The meetings of the Oversight Committee shall be open to the public and subject to the Ralph M. Brown Act.

A member of the Oversight Committee may not be employed by an entity that has contributed to the campaign of a candidate for the office of local treasurer, or contributed to the campaign of a candidate to be a member of a legislative body of any local agency that has deposited funds in the county treasury, in the previous three years or during the period that the employee is a member of the Oversight Committee. A member may not directly or indirectly raise money for a candidate for local treasurer or a member of the Sacramento County Board of Supervisors or governing board of any local agency that has deposited funds in the county treasury while a member of the Oversight Committee. Finally, a member may not secure employment with, or be employed by bond underwriters, bond counsel, security brokerages or dealers, or financial services firms, with whom the treasurer is doing business during the period that the person is a member of the Oversight Committee or for one year after leaving the committee.

The Oversight Committee is not allowed to direct individual investment decisions, select individual investment advisors, brokers or dealers, or impinge on the day-to-day operations of the Department of Finance treasury and investment operations.

IX. Investment Parameters

A. Investable Funds

Total Investable Funds (TIF) for purposes of this Policy are all Pooled Investment Fund moneys that are available for investment at any one time, including the estimated bank account float. Included in TIF are funds of outside investors, if applicable, for which the Director of Finance provides investment services. Excluded from TIF are all funds held in separate portfolios.

The Cash Flow Horizon is the period in which the Pooled Investment Fund cash flow can be reasonably forecasted. This Policy establishes the Cash Flow Horizon to be one (1) year.

Once the Director of Finance has deemed that the cash flow forecast can be met, the Director of Finance may invest funds with maturities beyond one year. These securities will be referred to as the Core Portfolio.

B. Authorized Investments

Authorized investments shall match the general categories established by the California Government Code sections 53601 et seq. and 53635 et seq. Authorized investments shall include, in accordance with California Government Code section 16429.1, investments into LAIF. Authorization for specific instruments within these general categories, as well as narrower portfolio concentration and maturity limits, will be established and maintained by the Investment Group as part of the Investment

Guidelines. As the California Government Code is amended, this Policy shall likewise become amended.

C. Prohibited Investments

No investments shall be authorized that have the possibility of returning a zero or negative yield if held to maturity except for securities issued by, or backed by, the United States government during a period of negative market interest rates. Prohibited investments shall include inverse floaters, range notes, and interest only strips derived from a pool of mortgages.

All legal investments issued by a tobacco-related company are prohibited. A tobacco-related company is defined as an entity that makes smoking products from tobacco used in cigarettes, cigars, or snuff or for smoking in pipes. The tobacco-related issuers restricted from any investment are any component companies in the Dow Jones U.S. Tobacco Index or the NYSE Arca Tobacco Index.

D. Credit Requirements

Except for municipal obligations and Community Reinvestment Act (CRA) bank deposits and certificates of deposit, the issuer's short-term credit ratings shall be at or above A-1 by Standard & Poor's, P-1 by Moody's, and, if available, F1 by Fitch, and the issuer's long-term credit ratings shall be at or above A by Standard & Poor's, A2 by Moody's, and, if available, A by Fitch. There are no credit requirements for Registered State Warrants. All other municipal obligations shall be at or above a short-term rating of SP-1 by Standard & Poor's, MIG1 by Moody's, and, if available, F1 by Fitch. In addition, domestic banks are limited to those with a Fitch Viability rating of a or better, without regard to modifiers. The Investment Group is granted the authority to specify approved California banks with Fitch Viability ratings of bbb+ but they must have a Support rating of 1. Foreign banks with domestic licensed offices must have a Sovereign rating of AAA from Standard and Poor's, Moody's, or Fitch and a Fitch Viability rating of a or better, without regard to modifiers; however, a foreign bank may have a Fitch Viability rating of bbb+ but they must have a Support rating of 1. Domestic savings banks must have a Fitch Viability rating of a or better, without regard to modifiers, or may have a rating of bbb+ but they must a Support rating of 1.

Community Reinvestment Act Program Credit Requirements

Maximum Amount	Minimum Requirements
Up to the FDIC- or NCUSIF-insured limit for the term of the deposit	<u>Banks</u> — FDIC Insurance Coverage
	<u>Credit Unions</u> — NCUSIF Insurance Coverage <i>Credit unions are limited to a maximum deposit of the NCUSIF-insured limit since they are not rated by nationally recognized rating agencies and are not required to provide collateral on public deposits.</i>

Maximum Amount	Minimum Requirements	
Over the FDIC- or NCUSIF-insured limit	<i>(Any 2 of 3 ratings)</i>	
	S&P: A-2 Moody's: P-2 Fitch: F-2 Collateral is required	OR Through a private sector entity that assists in the placement of deposits to achieve FDIC insurance coverage of the full deposit and accrued interest.

Eligible banks must have Community Reinvestment Act performance ratings of "satisfactory" or "outstanding" from their federal regulator. In addition, deposits greater than the federally-insured amount must be collateralized. Banks must either have a letter of credit issued by the Federal Home Loan Bank of San Francisco or place securities worth between 110% and 150% of the value of the deposit with the Federal Reserve Bank of San Francisco, the Home Loan Bank of San Francisco, or a trust bank.

Since credit unions do not have Community Reinvestment Act performance ratings, they must demonstrate a commitment to community reinvestment lending and charitable activities comparable to what is required of banks.

All commercial paper and medium-term note issues must be issued by corporations operating within the United States and having total assets in excess of one billion dollars (\$1,000,000,000).

The Investment Group may raise these credit standards as part of the Investment Guidelines and Approved Lists. Appendix A provides a Comparison and Interpretation of Credit Ratings by Standard & Poor's, Moody's, and Fitch.

E. Maximum Maturities

Due to the nature of the invested funds, no investment with limited market liquidity should be used. Appropriate amounts of highly-liquid investments, such as U.S. Treasury and Agency obligations, should be maintained to accommodate unforeseen withdrawals.

The maximum maturity, determined as the term from the date of ownership to the date of maturity, for each investment shall be established as follows:

- U.S. Treasury and Agency Obligations.....5 years
- Washington Supranational Obligations¹.....5 years
- Municipal Notes5 years
- Registered State Warrants5 years

¹ The International Bank for Reconstruction and Development, International Finance Corporation, and Inter-American Development Bank.

Bankers Acceptances	180 days
Commercial Paper	270 days
Negotiable Certificates of Deposit.....	180 days
CRA Bank Deposit/Certificates of Deposit.....	1 year
Repurchase Agreements	1 year
Reverse Repurchase Agreements	92 days
Medium-Term Corporate Notes.....	180 days
Collateralized Mortgage Obligations	180 days

The Investment Group may reduce these maturity limits to a shorter term as part of the Investment Guidelines and the Approved Lists.

The ultimate maximum maturity of any investment shall be five (5) years. The dollar-weighted average maturity of all securities shall be equal to or less than three (3) years.

F. Maximum Concentrations

No more than 80% of the portfolio may be invested in issues other than U.S. Treasury and Agency obligations. The maximum allowable percentage for each type of security is set forth as follows:

U.S. Treasury and Agency Obligations	100%
Municipal Notes.....	80%
Registered State Warrants.....	80%
Bankers Acceptances	40%
Commercial Paper	40%
Washington Supranational Obligations.....	30%
Negotiable Certificates of Deposit and CRA Deposit/Certificates of Deposit.....	30%
Repurchase Agreements	30%
Reverse Repurchase Agreements	20%
Medium-Term Corporate Notes.....	30%
Money Market Mutual Funds.....	20%
Collateralized Mortgage Obligations	20%
Local Agency Investment Fund (LAIF).....	(per State limit)

The Investment Group may reduce these concentrations as part of the Investment Guidelines and the Approved Lists.

Excluding U.S. Treasury and Agency obligations, no more than 10% of the portfolio, may be invested in securities of a single issuer including its related entities.

Where a percentage limitation is established above, for the purpose of determining investment compliance, that maximum percentage will be applied on the date of purchase.

G. Repurchase Agreements

Under California Government Code section 53601, paragraph (j) and section 53635, the Director of Finance may enter into Repurchase Agreements and Reverse Repurchase Agreements. The maximum maturity of a Repurchase Agreement shall be one year. The maximum maturity of a reverse repurchase agreement shall be 92 days, and the proceeds of a reverse repurchase agreement may not be invested beyond the expiration of the agreement. The reverse repurchase agreement must be "matched to maturity" and meet all other requirements in the code.

All repurchase agreements must have an executed Sacramento County Master Repurchase Agreement on file with both the Director of Finance and the Broker/Dealer. Repurchase Agreements executed with approved broker-dealers must be collateralized with either: (1) U.S. Treasury and Agency obligations with a market value of 102% for collateral marked to market daily; or (2) money market instruments on the Approved Lists of the County that meet the qualifications of the Policy, with a market value of 102%. Since the market value of the underlying securities is subject to daily market fluctuations, investments in repurchase agreements shall be in compliance if the value of the underlying securities is brought back up to 102% no later than the next business day. Use of mortgage-backed securities for collateral is not permitted. Strictly for purposes of investing the daily excess bank balance, the collateral provided by the Sacramento County's depository bank can be U.S. Treasury and Agency obligations valued at 110%, or mortgage-backed securities valued at 150%.

H. Community Reinvestment Act Program

The Director of Finance has allocated within the Pooled Investment Fund, a maximum of \$90 million for the Community Reinvestment Act Program to encourage community investment by financial institutions, which includes community banks and credit unions, and to acknowledge and reward local financial institutions that support the community's financial needs. The Director of Finance may increase this amount, as appropriate, while staying within the investment policy objectives and maximum maturity and concentration limits. The eligible banks and savings banks must have Community Reinvestment Act performance ratings of "satisfactory" or "outstanding" from each financial institution's regulatory authority. The minimum credit requirements are located on page 5 of Section IX.D.

I. Criteria and Qualifications of Brokers/Dealers and Direct Issuers

All transactions initiated on behalf of the Pooled Investment Fund and Sacramento County shall be executed through either government security dealers reporting as primary dealers to the Market Reports Division of the Federal Reserve Bank of New York or direct issuers that directly issue their own securities that have been placed on the Approved List of brokers/dealers and direct issuers. Further, these firms must have an investment grade rating from at least two national rating services, if available.

Brokers/Dealers and direct issuers that have exceeded the political contribution limits, as contained in Rule G-37 of the Municipal Securities Rulemaking Board, within the preceding four-year period to the Director of Finance, any member of the Board of Supervisors, or any candidate for the Board of Supervisors, are prohibited from the Approved List of brokers/dealers and direct issuers.

Each broker/dealer and direct issuer will be sent a copy of this Policy and a list of those persons authorized to execute investment transactions. Each firm must acknowledge receipt of such materials to qualify for the Approved List of brokers/dealers and direct issuers.

Each broker/dealer and direct issuer authorized to do business with Sacramento County shall, at least annually, supply the Director of Finance with audited financial statements.

J. Investment Guidelines, Management Style and Strategy

The Investment Group, named by the Director of Finance, shall issue and maintain Investment Guidelines specifying authorized investments, credit requirements, permitted transactions, and issue maturity and concentration limits consistent with this Policy.

The Investment Group shall also issue a statement describing the investment management style and current strategy for the entire investment program. The management style and strategy can be changed to accommodate shifts in the financial markets, but at all times they must be consistent with this Policy and its objectives.

K. Approved Lists

The Investment Group, named by the Director of Finance, shall issue and maintain various Approved Lists. These lists are:

1. Approved Domestic Banks for all legal investments.
2. Approved Foreign Banks for all legal investments.
3. Approved Commercial Paper and Medium Term Note Issuers.
4. Approved Money Market Mutual Funds.
5. Approved Firms for Purchase or Sale of Securities (Brokers/Dealers and Direct Issuers).
6. Approved Banks / Credit Unions for the Community Reinvestment Act Program.

L. Calculation of Yield and Costs

The costs of managing the investment portfolio, including but not limited to: investment management; accounting for the investment activity; custody of the assets; managing and accounting for the banking; receiving and remitting deposits; oversight controls; and indirect and overhead expenses are charged to the

investment earnings based upon actual labor hours worked in respective areas. Costs of these respective areas are accumulated by specific cost accounting projects and charged to the Pooled Investment Fund on a quarterly basis throughout the fiscal year.

The Department of Finance will allocate the net interest earnings of the Pooled Investment Fund quarterly. The net interest earnings are allocated based upon the average daily cash balance of each Pooled Investment Fund participant.

X. Reviewing, Monitoring and Reporting of the Portfolio

The Review Group will prepare and present to the Director of Finance at least monthly a comprehensive review and evaluation of the transactions, positions, performance of the Pooled Investment Fund and compliance to the California Government Code, Policy, and Investment Guidelines.

Quarterly, the Director of Finance will provide to the Board of Supervisors, the Oversight Committee, and to any local agency participant that requests a copy, a detailed report on the Pooled Investment Fund. The report will also be posted on the Department of Finance website. Pursuant to California Government Code section 53646, the report will list the type of investments, name of issuer, maturity date, par and dollar amount of the investment. For the total Pooled Investment Fund, the report will list average maturity, the market value, and the pricing source. Additionally, the report will show any funds under the management of contracting parties, a statement of compliance to the Policy and a statement of the Pooled Investment Fund's ability to meet the expected expenditure requirements for the next six months.

XI. Withdrawal Requests for Pooled Fund Investors

The Director of Finance will honor all requests to withdraw funds for normal cash flow purposes that are approved by the Director of Finance at a one dollar net asset value. Any requests to withdraw funds for purposes other than immediate cash flow needs, such as for external investing, are subject to the consent of the Director of Finance. In accordance with California Government Code Sections 27133(h) and 27136, such requests for withdrawals must first be made in writing to the Director of Finance. When evaluating a request to withdraw funds, the Director of Finance will take into account the effect of a withdrawal on the stability and predictability of the Pooled Investment Fund and the interests of other depositors. Any withdrawal for such purposes will be at the market value of the Pooled Investment Fund on the date of the withdrawal.

XII. Limits on Honoraria, Gifts, and Gratuities

In accordance with California Government Code Section 27133(d), this Policy establishes limits for the Director of Finance; individuals responsible for management of the portfolios; and members of the Investment Group and Review Group who direct individual investment decisions, select individual investment advisors and broker/dealers, and conduct day-to-day investment trading activity. The limits also apply

to members of the Oversight Committee. Any individual who receives an aggregate total of gifts, honoraria and gratuities in excess of \$50 in a calendar year from a broker/dealer, bank or service provider to the Pooled Investment Fund must report the gifts, dates and firms to the designated filing official and complete the appropriate State forms.

No individual may receive aggregate gifts, honoraria, and gratuities from any single source in a calendar year in excess of the amount specified in Section 18940.2(a) of Title 2, Division 6 of the California Code of Regulations. This limitation is \$520 for the period January 1, 2021, to December 31, 2022. Any violation must be reported to the State Fair Political Practices Commission.

XIII. Terms and Conditions for Outside Investors

Outside investors may invest in the Pooled Investment Fund through California Government Code Section 53684. Their deposits are subject to the consent of the Director of Finance. The legislative body of the local agency must approve the Sacramento County Pooled Investment Fund as an authorized investment and execute a Memorandum of Understanding. Any withdrawal of these deposits must be made in writing 30 days in advance and will be paid based upon the market value of the Pooled Investment Fund. If the Director of Finance considers it appropriate, the deposits may be returned at any time to the local agency.

Appendix A

Comparison and Interpretation of Credit Ratings

Long Term Debt & Individual Bank Ratings				
Rating Interpretation	Moody's	S&P	Fitch	Fitch Viability Rating
<i>Best-quality grade</i>	Aaa	AAA	AAA	aaa
<i>High-quality grade</i>	Aa1	AA+	AA+	aa+
	Aa2	AA	AA	aa
	Aa3	AA-	AA-	aa-
<i>Upper Medium Grade</i>	A1	A+	A+	a+
	A2	A	A	a
	A3	A-	A-	a-
<i>Medium Grade</i>	Baa1	BBB+	BBB+	bbb+
	Baa2	BBB	BBB	bbb
	Baa3	BBB-	BBB-	bbb-
<i>Speculative Grade</i>	Ba1	BB+	BB+	bb+
	Ba2	BB	BB	bb
	Ba3	BB-	BB-	bb-
<i>Low Grade</i>	B1	B+	B+	b+
	B2	B	B	b
	B3	B-	B-	b-
<i>Poor Grade to Default</i>	Caa	CCC+	CCC	ccc
<i>In Poor Standing</i>	-	CCC	-	
	-	CCC-	-	
<i>Highly Speculative Default</i>	Ca	CC	CC	cc
	C	-	-	c
<i>Default</i>	-	-	DDD	f
	-	-	DD	f
	-	D	D	f

Short Term / Municipal Note Investment Grade Ratings			
Rating Interpretation	Moody's	S&P	Fitch
<i>Superior Capacity</i>	MIG-1	SP-1+/SP-1	F1+/F1
<i>Strong Capacity</i>	MIG-2	SP-2	F2
<i>Acceptable Capacity</i>	MIG-3	SP-3	F3

Appendix A

Short Term / Commercial Paper Investment Grade Ratings			
Rating Interpretation	Moody's	S&P	Fitch
<i>Superior Capacity</i>	P-1	A-1+/A-1	F1+/F1
<i>Strong Capacity</i>	P-2	A-2	F2
<i>Acceptable Capacity</i>	P-3	A-3	F3

Fitch Support Ratings	
<i>Rating</i>	<i>Interpretation</i>
1	A bank for which there is an extremely high probability of external support. The potential provider of support is very highly rated in its own right and has a very high propensity to support the bank in question. This probability of support indicates a minimum Long-Term Rating floor of 'A-'.
2	A bank for which there is a high probability of external support. The potential provider of support is highly rated in its own right and has a high propensity to provide support to the bank in question. This probability of support indicates a Long-Term Rating floor in the 'BBB' category.
3	A bank for which there is a moderate probability of support because of uncertainties about the ability or propensity of the potential provider of support to do so. This probability of support indicates a Long-Term Rating floor in the 'BB' category.
4	A bank for which there is a limited probability of support because of significant uncertainties about the ability or propensity of any possible provider of support to do so. This probability of support indicates a minimum Long-Term Rating floor of 'B+' or 'B'.
5	A bank for which there is a possibility of external support, but it cannot be relied upon. This may be due to a lack of propensity to provide support or to very weak financial ability to do so. This probability of support indicates a Long-Term Rating floor no higher than 'B-' and in many cases no floor at all.



RECLAMATION DISTRICT 1000

DATE: FEBRAURY 11, 2022

AGENDA ITEM NO. 5.9

TITLE: Alteration & Temporary Use Agreement

SUBJECT: Review and Consider Authorizing the General Manager to Execute an Alteration and Temporary Use Agreement with the Sacramento Area Flood Control Agency for District Facilities (Pumping Plants 1A & 1B).

EXECUTIVE SUMMARY:

Reclamation District No. 1000 (RD 1000; District) and the Sacramento Area Flood Control Agency (SAFCA) have a need to enter into an agreement (Attachment 1) for alteration and use of District Facilities in order to facilitate construction of Reach A of the American River Watershed Common Features, Natomas Basin Project by the United States Army Corps of Engineers (USACE). Staff recommends the Board review and consider authorizing the General Manager to execute an Alteration and Temporary Use Agreement with the Sacramento Area Flood Control Agency for District facilities (Pumping Plants 1A & 1B).

RECOMMENDATION:

Staff recommends the Board review and consider authorizing the General Manager to execute an Alteration and Temporary Use Agreement with the Sacramento Area Flood Control Agency for District facilities (Pumping Plants 1A & 1B).

ATTACHMENTS:

1. Alteration and Temporary Use Agreement with the Sacramento Area Flood Control Agency for District Facilities (Pumping Plants 1A & 1B).

STAFF RESPONSIBLE FOR REPORT:

Kevin L. King, General Manager

Date: 02/03/2022

**AGREEMENT FOR ALTERATION OF FACILITIES BY
GOVERNMENT AND TEMPORARY USE OF PREMISES**

Reclamation District No. 1000

Permit No. 2022-02-11

Government/Permittee: Sacramento Area Flood Control Agency
Owner/Location: Reach A - RD 1000 Pumping Plant 1A-1B Property
APNs: 274-0030-014, 274-0030-019, 274-0030-027, 274-0030-053 and
274-0680-014
Purpose: Alteration of Existing Facilities and Access to Premises for
Construction of Reach A of the American River Watershed
Common Features, Natomas Basin Project
Term: _____, 2022 to December 31, 2024

This agreement (Agreement) is entered to on this day of _____, 2022 between the Sacramento Area Flood Control Agency, a joint powers authority formed pursuant to Government Code section 6500, *et seq.* (SAFCA or Government) and Reclamation District No. 1000, a California Reclamation District organized and existing under California Water Code section 50000 *et seq.*, with its principal office and place of business in the City of Sacramento, State of California (Owner or District).

WHEREAS, the Government has, as contemplated by Section 7002(2)(2) of the Water Resources Reform and Development Act of 2014 (Pub. L. No. 113-121, § 7002(2)(2), 128 Stat. 1193, 1366 (2014)) and the Project Partnership Agreement entered into by SAFCA, the State of California acting by and through the Central Valley Flood Protection Board (CVFPB), and the U.S. Department of the Army, represented by the Assistant Secretary of the Army (Civil Works), acting through the U.S. Army Corps of Engineers Sacramento District (USACE), undertaken the development of a project known as the American River Watershed, Common Features Project, Natomas Basin (Project) together with the USACE; and

WHEREAS, the Owner is the holder of certain easements or fee interest land rights on which Owner has constructed and is operating and maintaining an existing interior drainage system and in particular storm drain pump stations located adjacent to the levee operated and maintained by Owner and identified for purposes of the Project as Pumping Plant No. 1A (PP1A) and Pumping Plant No. 1B (PP1B), collectively referred to as the “Facilities”; and

WHEREAS, operation, maintenance, and performance of the Facilities will be directly impacted by the construction, operation, and maintenance of said Project necessitating alteration, relocation, rearrangement and/or modification (Alteration) of Owner’s Facilities; and

WHEREAS, the permits and regulatory approvals under which Owner’s Facilities operate allow for the relocation of the Facilities if necessary to facilitate a flood control project; and

WHEREAS, Owner is willing to permit access to, and use of, its Facilities by the Project in consideration of the Alteration of its Facilities by Government as set forth herein,

through the USACE and its independent contractors; and the Owner agrees that such consideration constitutes full, just, and complete compensation for the acquisition through Alteration by Government, through the USACE and its independent contractors, of Owner's rights and property.

NOW THEREFORE, in consideration of the faithful performance of each party of the mutual covenants set forth herein, it is mutually agreed as follows:

ARTICLE 1. Obligations of the Owner.

- (a) Owner agrees that the altered Facilities portrayed in drawings, schedules, plans, and/or specifications ("Specifications") in USACE contract number W9123821C0034, awarded to AHTNA-Great Lakes E&I JV on September 23, 2021, with said Specifications hereby incorporated herein by reference, have been approved by Owner and constitute an adequate substitute for existing Facilities, the Alteration of which are the result of the construction, operation, and maintenance of the Project.
- (b) In order to accomplish the Alteration of Owner's Facilities affected by the construction, operation, and maintenance of the Project, the Owner hereby grants to the Government, its agents, assigns, employees, contractors or subcontractors, including but not limited to the USACE, its employees and its independent contractors, and the CVFPB, without further consideration, an irrevocable license for the Term identified above, for the design and construction of the Alteration on the property and easement(s) held by the Owner and/or Government in the areas depicted on Exhibit "A" attached hereto (the "Site"). This irrevocable license is limited to the portions of the above-identified APNs labeled TWAE on the attached Exhibit "A" for the term and uses stated above, and does not include the right to pass over property not belonging to or under the control of Owner. Government shall obtain any necessary approvals from other landowners or regulatory agencies.

ARTICLE 2. Obligations of the Government.

Subject to the availability of funds, the Government shall:

- (a) Alter the existing Facilities as provided in the Specifications.
- (b) Furnish, subject to the conditions herein, all services, labor, materials, tools, equipment, permits and licenses necessary and essential to the Alteration of the Facilities, which Government has arranged to be performed by the USACE and/or its independent contractors, in accordance with federal law and federal acquisition regulations.
- (c) As described in the Specifications, the Government, through the USACE and its Contracting Officer shall ensure the Facilities are fully functional during the flood season of November 1 through April 15 of each year for the duration of the construction and the Facilities may not be concurrently non-operational at any time during the construction. Furthermore, as described in the Specifications, the Government, through the USACE and its Contracting Officer, shall ensure that if the Alterations, including the pipe crossings for the Facilities, are not operational by November 1 due to Project construction, a temporary bypass system must be provided until the work is completed and the Facilities are operational. The temporary bypass

system must provide a discharge capacity equivalent to the original Facilities, as detailed in the Specifications.

- (d) Government, through the USACE and its Contracting Officer, shall require that during the Alterations to PP1B, at least two of the existing pumps and discharge lines remain fully operational, or an equivalent fully operable temporary bypass system, to the Owner's satisfaction, be provided during the non-flood season between April 16 and October 31 of each year for the duration of the construction. At Owner's discretion, limited outages may be permitted during the period between April 16 and August 1 to facilitate the transitions between facilities employed to maintain the required system operability. However, the pumps and discharge lines must be operational during the flood season of November 1 through April 15 as described above, and non-flood season pumping capacity, as described above, may not be reduced after August 1 during each year of construction. Furthermore, the Government, through the USACE and its Contracting Officer, shall require that materials necessary for the Alterations including, but not limited to, pumps, motors, electrical components and discharge piping are either on site or at the contractor's local corporation yard prior to the decommissioning of any pumping system capacity.
- (c) Government shall provide reasonable access for District personnel, vehicles, and equipment during construction of the Alterations, as provided in the USACE construction contract, to allow for the Owner to conduct its operation and maintenance responsibilities, including operations of the pumping plant facilities not under active construction. Owner agrees the terms the USACE construction contract as modified by this agreement are sufficient to meet Owner's operation and maintenance responsibilities.
- (e) Government agrees to exercise reasonable care to avoid damage to Owner's real property and shall repair any damage caused by Government, its agents, assigns, employees or subcontractors as directed by the Owner, including but not limited to any damage that is not the responsibility of the USACE and/or its independent contractors as determined by the USACE Contracting Officer. Upon completion of the work for which this Agreement was executed, Government shall fully restore the Owner's real property to its pre-project condition to the reasonable satisfaction of the Owner, except for the Alteration to the Facilities approved by Owner under the Specifications.
- (f) Fuels, lubricants or other hazardous materials brought on the Site shall be stored in suitable containers within a designated, double containment facility.

- (g) Owner is not responsible for any damage to or loss of equipment or materials brought to the Site for purposes of performance of the Alteration to Facilities caused by vandalism with the exception of any Owner provided equipment or materials.
- (h) If Owner determines, within their sole reasonable discretion, that emergency conditions, beyond the control of the USACE and its independent contractors, necessitate that access to the Site be temporarily suspended or modified, Owner will promptly notify Government and the USACE Contracting Officer of the nature of the emergency conditions, the proposed changes to access (if any), and the Owner's intended reasonable actions to address the emergency. Upon receipt of written request from Owner, Government shall immediately remove or arrange for the removal of any encroachments necessary to allow for the Owner's emergency actions including, but not limited to, facilities, structures, equipment, and materials as requested by Owner
- (i) Government hereby agree(s) to defend and indemnify and save and hold the Owner, and its employees and the USACE and its employees, free and harmless from any damage, costs (including attorney's fees and courtcosts) or liabilities which may arise as result of the exercise of this Agreement and License by Government, its agents, assigns, employees, contractors, or subcontractors, including but not limited to the USACE, its employees and its independent contractors.
- (j) Government shall keep and maintain comprehensive general liability insurance, or maintain a self-insurance program, during occupation of the Site by Government, its agents, assigns, employees, contractors, or subcontractors, including but not limited to the USACE, its employees and its independent contractors, through the expiration of this Agreement and completion of Site restoration referenced in Article 2(e), above, and shall provide a certificate or letter thereof to Owner naming Owner as an additional insured on Government's insurance policy(ies) or self-insurance program. To the extent legally permissible under applicable law, including but not limited to the Federal Acquisition Regulations, Government, shall arrange for the Owner to be named as an additional insured on general liability insurance policies maintained by and independent contractor of the USACE constructing the Alteration of Owner's Facilities.

ARTICLE 3. Parties' Representatives.

- (a) Owner may assign representatives or agents to observe and to inspect the completed construction work as it progresses. Such representatives shall communicate only with the Government, who will engage the USACE and the USACE Contracting Officer.
- (b) Government, through the USACE, has appointed a Contracting Officer for the purpose of issuing instructions and entering into modifications pursuant to requirements for changes in drawings, schedules, and specifications previously approved by the Owner and USACE. Government shall consult with Owner on the proposed modifications. Owner shall provide its response in a timely manner so as not to delay USACE or its independent contractors.

ARTICLE 4. Salvage.

The Government, through the USACE and/or its independent contractors, shall use such materials, equipment, and supplies from the Facilities existing as of the date of this Agreement as can be placed in the Facilities to be altered hereunder. Any materials, equipment, and supplies which the parties heretofore mutually agree cannot be used shall be removed from their original location, by the Government, through the USACE and/or its independent contractors, and shall become the property of the Government, the USACE and/or its independent contractors.

ARTICLE 5. Betterments.

The Owner agrees that the Alteration to be accomplished under this Agreement will provide the Owner with Facilities equal in service and utility to those now in existence and that if the Owner desires any improvement in design, construction, or capacity over and above what is required to provide Facilities of equal service and utility, such improvement shall constitute a betterment and will be paid for by Owner; provided however, that the term "Betterments" will not be deemed to include more costly construction or design necessitated solely as a result of the Alteration. Furthermore, items of work included in the Specifications, as those documents may be modified from time to time, or included following approval of the Contracting Office pursuant to Article 3 of this Agreement, shall not be considered Betterments.

ARTICLE 6. Ownership and Conduct of the Work.

- (a) The Facilities constructed hereunder shall be the property of the Owner. The Owner shall be responsible for all materials furnished and work performed by it.
- (b) The Government may award other contracts for additional or other work on the same Project or in the same vicinity. Owner shall conduct its own operations reasonably, and in cooperation with any such work being performed by the Government, through the USACE and its independent contractors and shall take reasonable care to fit its own work to that provided under other contracts as directed by the Government, through the USACE and the USACE Contracting Officer. The Owner shall not commit or permit any act which may interfere with the performance of any such work by the Government, through the USACE and/or its independent contractors.

ARTICLE 7. Interference.

The Owner agrees that so long as the Project is operated or maintained for the purpose as described herein, the Facilities as altered pursuant to this Agreement shall not be further altered or modified except insofar as is necessary to perform normal operations and maintenance of the Project, nor other facilities constructed by Owner; so as to interfere with the operation of the Project.

ARTICLE 8. Inspection and Acceptance.

The Owner shall have the right to inspect the work to be performed hereunder by the Government, through the USACE and/or its independent contractors, at any time during its progress and to make final inspection upon completion thereof. Owner agrees that the USACE Contracting Officer is the only individual with authority to determine whether work is or was

performed in accordance the Specifications which the Owner has previously approved. In the event the Owner has any objections as to the USACE contractor's compliance with the Specifications, Owner shall make its objections known to the Government, who will engage the USACE and the USACE Contracting Officer. It will be the responsibility of the Government, through the USACE Contracting Officer, to make any needed corrections in the Project to assure conformity with the Specifications previously been approved by the Owner.

ARTICLE 9. Release.

The Owner agrees, on completion of the Alteration to Facilities provided for in the Specifications and acceptance of said Facilities by USACE from the USACE's independent contractors, to accept said substitute Facilities as full, complete and just compensation for any and all damages and/or impacts that have been caused to the Facilities altered and does hereby release the Government and the USACE and its employees from any and all causes of action, suits-at-law or equity or claims or demands, and from any liability of any nature whatsoever for and on account of any damages and/or impacts to said Facilities altered hereunder. Owner acknowledges and agrees that Owner has no recourse against the USACE and its employees, which are third-party beneficiaries of this Agreement with a right of enforcement of the terms of this Agreement as against Owner and Government, including but not limited to, this Article 9, entitled "Release".

ARTICLE 10. Completion.

Construction of the work to be performed under this Agreement is anticipated to commence within thirty (30) days after Notice to Proceed is issued to the USACE independent contractor. Alteration of the Facilities is estimated to be completed within the Term of this Agreement as shown above. Owner acknowledges that the failure to meet these timelines is not a material breach of this Agreement, and Owner has no right of action against Government, the USACE, its employees and/or the independent contractors of the USACE.

ARTICLE 11. Disputes.

As a condition precedent to a party bringing any suit for breach of this Agreement, that party must first notify the other party in writing of the nature of the purported breach and seek in good faith to resolve the dispute through negotiation.

Any notice required or permitted to be given from one party hereto to the other shall be deemed given upon receipt and shall be sent by first class U.S. Mail, nationally recognized courier service, or email, addressed as follows or to such different address as may be provided by notice from one party to the other.

If to Owner: Reclamation District No. 1000
 1633 Garden Highway
 Sacramento, CA 95833
 ATTN: Kevin King
 Email: kking@rd1000.org

If to Government: Sacramento Area Flood Control Agency
1325 J Street, Suite 1540
Sacramento, CA 95814
ATTN: John A. Bassett
Email: bassettj@saccounty.net

Authorized by Owner:

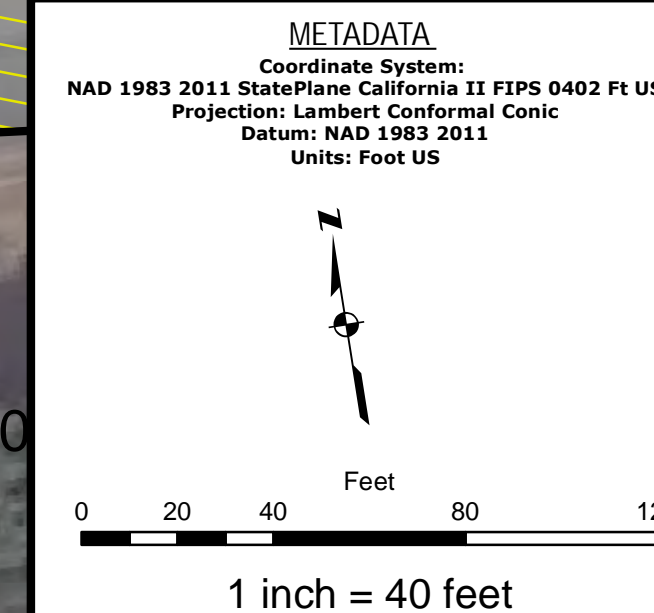
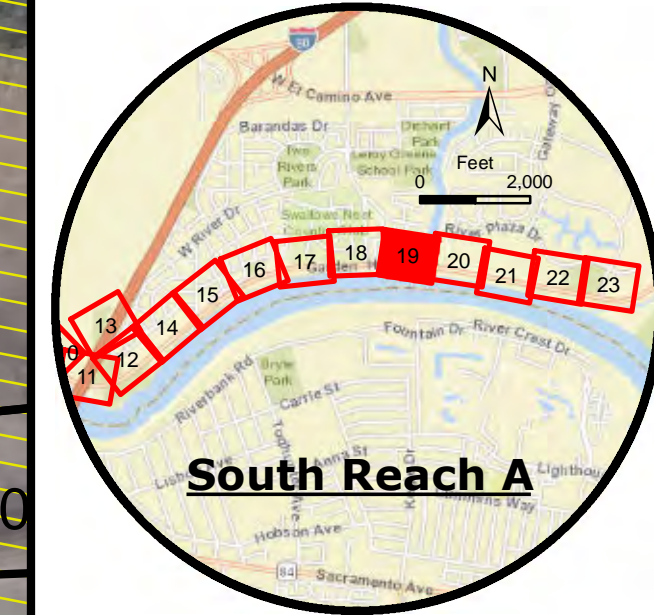
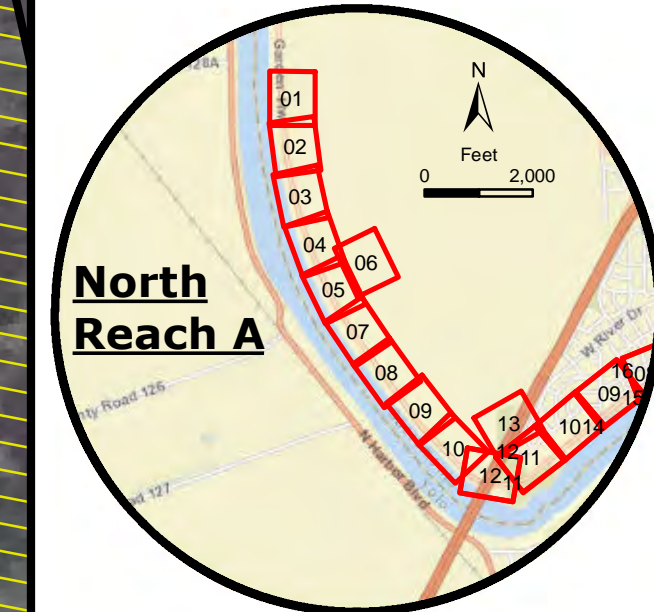
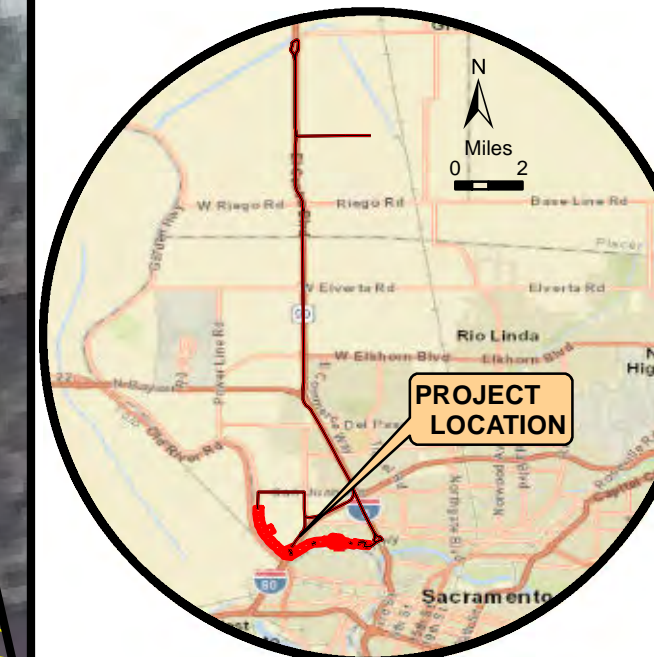
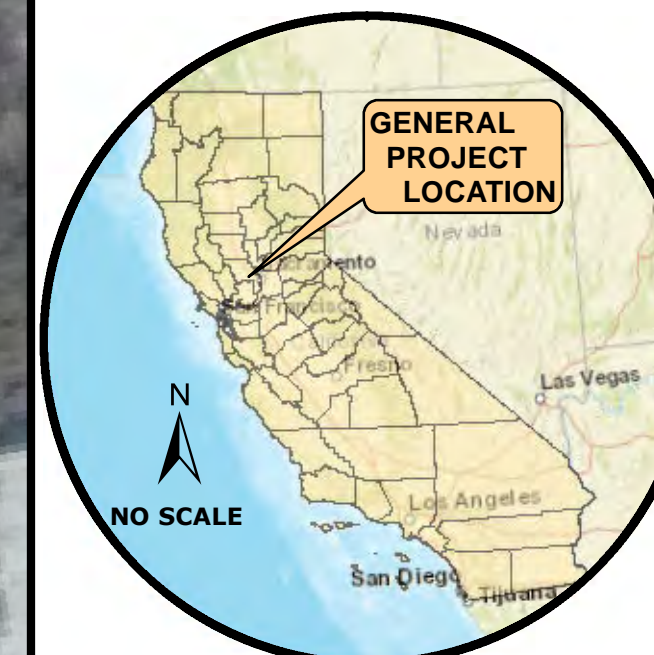
Agreed by Government:

Kevin L. King
General Manager

Jason D. Campbell
Deputy Executive Director

Date: _____

Date: _____



Final
As Applicable

PROJECT MAP

DEPARTMENT OF THE ARMY
USING SERVICE U.S. ARMY

LOCATION OF PROJECT

STATE CALIFORNIA
COUNTY SACRAMENTO
DIVISION SOUTH PACIFIC DIVISION (SPD)
DISTRICT SACRAMENTO (SPK)
ARMY AREA 4 Miles N. W. OF SACRAMENTO
OF _____

TRANSPORTATION FACILITIES

STATE ROADS US HWY 80
FEDERAL ROADS STATE HWY 50
AIRPORTS SAC INTERNATIONAL AIRPORT

EXCEPT FOR SPECIAL SYMBOLS SHOWN BELOW, MAP SYMBOLS ARE STANDARD IN U.S. ARMY FIELD MANUAL, FM 21-31, TOPOGRAPHIC SYMBOLS, DEC. 1968.

- LEGEND**
- FEE
 - FPLE
 - PRE
 - STAGING
 - HAUL ROUTE
 - BORROW
 - TWAE

Exhibit A-1

CADASTRAL REAL ESTATE MAP (2021)

DEPARTMENT OF THE ARMY
OFFICE OF THE SACRAMENTO DISTRICT ENGINEER
SOUTH PACIFIC DIVISION

CARTOGRAPHER Jim Henriksen SACRAMENTO COUNTY CALIFORNIA
CARTO TECH. _____
CHECKED BY _____
SUBMITTED BY _____
JIM HENRIKSEN
CADASTRAL TEAM

RECOMMENDED BY _____
JAMES M. OLIVER
CHIEF, GEOMATICS SECTION

APPROVED BY _____ DATE _____
ADAM OLSON
CHIEF, REAL ESTATE DIVISION

OFFICE, CHIEF OF ENGINEERS, WASHINGTON 25, D.C.
REMS CODE: _____
REMS UNIQUE ID: _____
PROJECT NUMBER: _____

Geomatics Section, Engineering Division
Cadastral Team
ARCF - Natomas Basin Project
full Reach "A" RE Maps

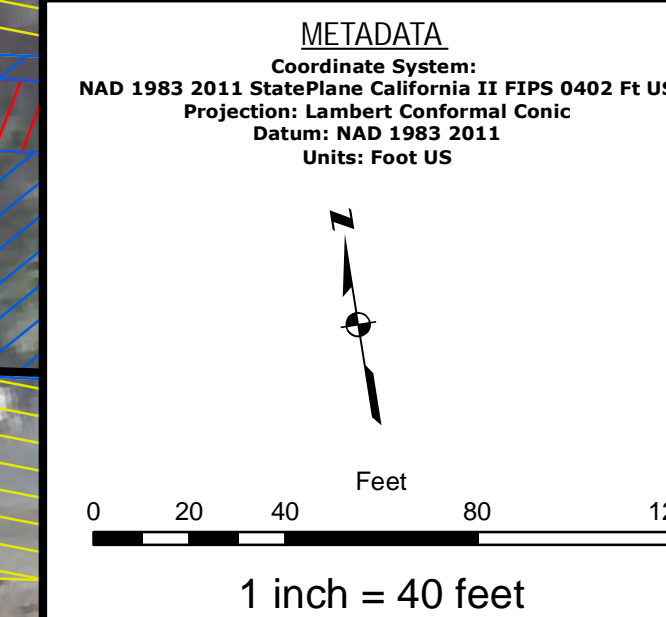
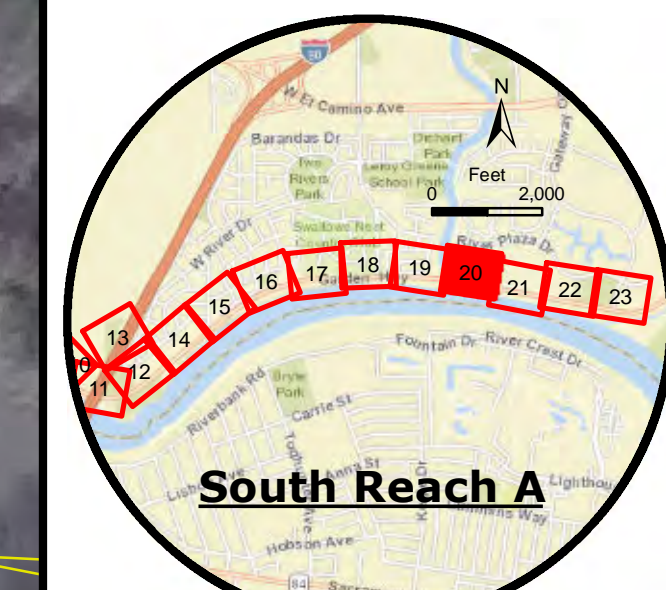
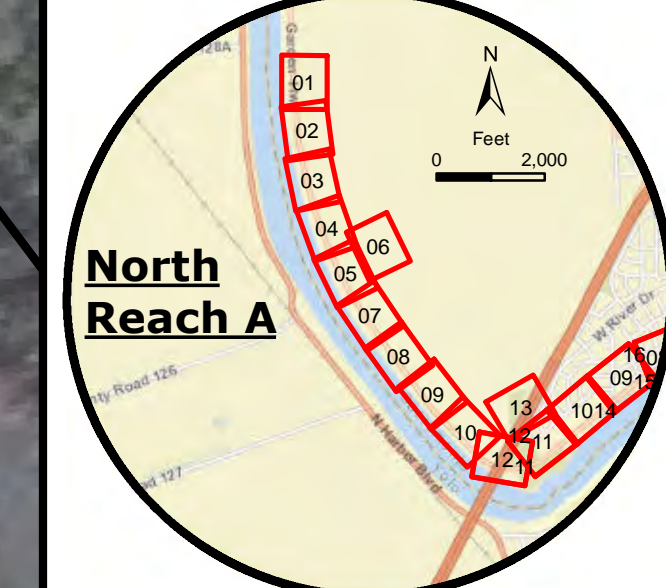
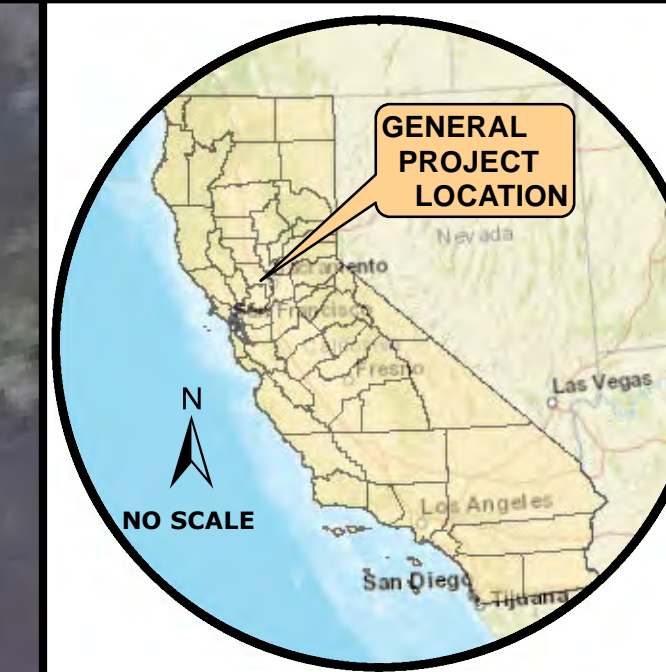
Date Saved: 2/19/2021 2:08:46 PM

SHEET 19 OF 27 DRAWING NO. _____

Special notes:

- 1) This information is NOT intended as a substitute for a field survey by a licensed professional, or an application that requires legal or engineering accuracy.
- 2) Parcel boundary data is only a representation of ground features projected on to the Earth's surface by computer programs from raw data obtained from local government agencies and is not necessarily in whole, or in part, based upon any physical survey, study, or recording, professional or otherwise, of the covered properties.

Path: D:\Online\Edits\Natomas\Reach_A\20210219_Natomas_Reach_A_full_reach.mxd



Final
As Applicable

PROJECT MAP

DEPARTMENT OF THE ARMY
USING SERVICE U.S. ARMY

LOCATION OF PROJECT

STATE CALIFORNIA
COUNTY SACRAMENTO
DIVISION SOUTH PACIFIC DIVISION (SPD)
DISTRICT SACRAMENTO (SPK)
ARMY AREA 4 Miles N. W. OF SACRAMENTO
OF _____

TRANSPORTATION FACILITIES

STATE ROADS US HWY 80
FEDERAL ROADS STATE HWY 50
AIRPORTS SAC INTERNATIONAL AIRPORT

EXCEPT FOR SPECIAL SYMBOLS SHOWN BELOW, MAP SYMBOLS ARE STANDARD IN U.S. ARMY FIELD MANUAL, FM 21-31, TOPOGRAPHIC SYMBOLS, DEC. 1968.

- LEGEND**
- FEE
 - FPLE
 - PRE
 - STAGING
 - HAUL ROUTE
 - BORROW
 - TWAE

CADASTRAL REAL ESTATE MAP (2021)

DEPARTMENT OF THE ARMY
OFFICE OF THE SACRAMENTO DISTRICT ENGINEER
SOUTH PACIFIC DIVISION

CARTOGRAPHER Jim Henriksen SACRAMENTO COUNTY CALIFORNIA
CARTO TECH. _____
CHECKED BY _____
SUBMITTED BY _____
JIM HENRIKSEN
CADASTRAL TEAM
RECOMMENDED BY _____
JAMES M. OLIVER
CHIEF, GEOMATICS SECTION
APPROVED BY _____ DATE _____
ADAM OLSON
CHIEF, REAL ESTATE DIVISION

OFFICE, CHIEF OF ENGINEERS, WASHINGTON 25, D.C.
REMS CODE: _____
REMS UNIQUE ID: _____
PROJECT NUMBER: _____

Geomatics Section, Engineering Division
CADASTRAL TEAM
ARCF - Natomas Basin Project
full Reach "A" RE Maps

Date Saved: 2/19/2021 2:08:46 PM

SHEET 20 OF 27 DRAWING NO. _____

Special notes:

- 1) This information is NOT intended as a substitute for a field survey by a licensed professional, or an application that requires legal or engineering accuracy.
- 2) Parcel boundary data is only a representation of ground features projected on to the Earth's surface by computer programs from raw data obtained from local government agencies and is not necessarily in whole, or in part, based upon any physical survey, study, or recording, professional or otherwise, of the covered properties.

Path: D:\Online\Edits\Natomas\Reach_A\20210219_Natomas_Reach_A_full_reach.mxd

Exhibit A-2



RECLAMATION DISTRICT 1000

DATE: FEBRUARY 11, 2022

AGENDA ITEM NO. 7.1.1

TITLE: Committee Meeting Minutes

SUBJECT: Committee Meeting Minutes since the January Board Meeting

EXECUTIVE SUMMARY:

Executive Committee Meeting – February 3, 2022

A meeting of the Reclamation District No. 1000 Executive Committee was held on Thursday, February 3, 2022, at 8:00 a.m. via GoToMeeting and Conference Call. In attendance were Trustees Gilbert and Lee-Reeder. Staff in attendance were General Manager King and General Counsel Smith. There were no members of the public present, therefore no public comments were received.

General Manager King presented the proposed agenda for the February 11, 2022, Board of Trustees meeting. The Committee reviewed the agenda and approved as presented.

With no further business on the Executive Committee Agenda, meeting adjourned at 8:55 a.m.

STAFF RESPONSIBLE FOR REPORT:

Kevin L. King, General Manager

Date: 02/03/2022