



RANCHO MURIETA COMMUNITY SERVICES DISTRICT

15160 Jackson Road, Rancho Murieta, CA 95683

Office - 916-354-3700 * Fax - 916-354-2082

IMPROVEMENTS COMMITTEE

(Directors Randy Jenco and Martin Pohl)

Regular Meeting

August 1, 2023 at 8:00 a.m.

All persons present at District meetings will place their cellular devices in silent and/or vibrate mode (no ringing of any kind). During meetings, these devices will be used only for emergency purposes and, if used, the party called/calling will exit the meeting room for conversation. Other electronic and internet enabled devices are to be used in the "silent" mode. Under no circumstances will recording devices or problems associated with them be permitted to interrupt or delay District meetings.

AGENDA

1. **Call to Order**
2. **Improvements Staff Report**
 - A. *Discussion Item* **Integrated Water Master Plan Scope of Services**
 - B. *Discussion Item* **Drainage Ditch Maintenance**
 - C. *Discussion Item* **Calero Fish Stocking**
 - D. *Discussion Item* **Private Backflow Users**
 - E. *Discussion Item* **Contract Update with Lumos & Associates**
 - F. *Discussion Item* **CodeRED Test for Rio Oso Pressure Zone**
 - G. *Discussion Item* **Replace Aerators at Chesbro Reservoir**
 - H. *Discussion Item* **SB170 Project Update**
 - I. *Discussion Item* **Accept Past Infrastructure from Past Developments**
 - J. *Discussion Item* **Access Easement 39 Acres Commercial**
3. **Comments from the Public**

If you wish to speak during Comments from the Public or would like to comment regarding an item appearing on the meeting agenda, please complete a public comment card and submit to the Board Secretary prior to Public Comments. We will hold all comments to the Public Comment section.
4. **Director and Staff Comments/Suggestions**
5. **Adjournment**



"In accordance with California Government Code Section 54957.5, any writing or document that is a public record, relates to an open session agenda item and is distributed less than 24 hours prior to a special meeting, will be made available for public inspection in the District offices during normal business hours. If, however, the document is not distributed until the regular meeting to which it relates, then the document or writing will be made available to the public at the location of the meeting."

In compliance with the Americans with Disabilities Act if you are an individual with a disability and you need a disability-related modification or accommodation to participate in this meeting or need assistance to participate in this teleconference meeting, please contact the District Office at 916-354-3700 or awilder@rmcsd.com. Requests must be made as soon as possible.

Note: This agenda is posted pursuant to the provisions of the Government Code commencing at Section 54950. The date of this posting is July 28, 2023. Posting locations are: 1) District Office; 2) Post Office; 3) Rancho Murieta Association; 4) Murieta Village Association.

Improvements Committee Staff Report

Date: August 1, 2023
To: Improvements Committee
From: Michael Fritschi, P.E. - Director of Operations

A. Integrated Water Master Plan Scope of Services – Staff have met with Adkins/Maddaus to discuss Amendment #2 to the District Integrated Water Master Plan (IWMP). The Consultant is requesting a fee increase of \$33,562 to cover the unforeseen technical costs and the additional public outreach and support efforts. This contract amendment will cover several items that were outside the original scope of services:

Item 1 – The District has requested (3) additional public meetings to cover each phase of the StoryMap:

1. The first public meeting will occur at the August 16th Board meeting where the District water and recycled water systems will be presented along with the corresponding phase 1 of the Story Map outlining the water supply information.
2. The second public meeting is planned as a Townhall style meeting to discuss the second phase of the Story Map which will cover the anticipated water demands. This meeting is tentatively set for Saturday October 14th.
3. The third additional public meeting will be a townhall style meeting that will discuss the alternatives to meet the water demands.

The District is still planning on the following existing meetings:

- Special Board meeting – Scenario Building - TBD after Demand Townhall
- Special Board Meeting – CIP Alternatives - TBD after Alternatives townhall
- Special Board Meeting – Draft Plan Presentation - CIP Alternatives Special Board meeting

Item 2 - The original scope did not include updating the water demand forecasting per the Financial Services Agreements. This would include an assessment of future developments both constructed to date, approved and proposed by each development to ensure that each development is not over-allotted water capacity according to the terms of the FSA.

Item 3 - The original scope did not include further assessment of demand factors beyond the billing consumption data trends to refine the outdoor water demand by lot size given development changes (e.g. updates to the 2022 Tentative Map for Murieta North).

Item 4 - The original scope did not contain assessment of specific estimated demand for individual commercial lots (versus relying on past Water Supply assessment information).

Item 5 - Additional effort has been required to support additional Story Map information to assist the District with updating the water alternatives in the following ways:

- Further investigation of water rights associated with reservoir volumes
- Review of daily operational data for allowable storage carryover volumes based on pumping history and water rights
- Revisions to modeling approaches to include recent water rights information

Item 6 - Additional budget was required for public outreach, as the public outreach consultant was expected to develop most narrative elements and content, with Adkins/Maddaus support for data elements only. Adkins/Maddaus instead led development of all elements/content in addition to GIS elements, which required substantial additional time. Additionally, the focus of the StoryMap shifted towards a detailed look at RMCS D water rights and supplies and required multiple builds to refine content per District direction. Future StoryMap Phases should be limited to 3 total builds per Phase based on RMCS D review/edits without a scope amendment.

Resolution: This item is requested to be added to the future Board agenda.

B. Drainage Ditch Maintenance – Staff was unsuccessful in contracting with the Cal Fire crew and is investigating the use of additional goat/sheep resources, the California Conservation Core (CCC), and other private contractors to complete the weed removal prior to the rainy season.

Resolution: This item is for information

C. Calero Fish Stocking - The Rancho Murieta fishing club is looking into stocking more forage fish into Lake Calero. The club is interested in stocking adult spawning Sacramento Blackfish and possibly adult spawning bluegill to provide a more diverse forage base for the bass in Lake Calero. They are also considering red eye sunfish as well as shad. The club has discussed these plans with Department of Fish and Wildlife and have received a supportive response. The time frame for the stocking would occur starting in late February/early March. The club is looking to getting an approval from CSD for the next stocking event. They are starting this effort early this year to be able to be prepared.

Resolution: This item would be added to the future Board agenda.

D. Private Backflow Users – There are a total of 138 registered backflow prevention assemblies within the District water system. Of the 138 registered assemblies, approximately (20) assemblies are under the responsibility of the CSD, the remaining (118) assemblies are the responsibility commercial and private residences. All owners of these assemblies are required to have them tested on an annual basis by a licensed Sacramento County Backflow Prevention Assembly Tester. Often the District will receive a courtesy notice that there is a private backflow assembly that is out of compliance for testing. This notice is provided by the Sacramento County Environmental Management Department.

To protect the District water system, utility staff plan to continue to notice private owners that are out of compliance and provide them with instruction on how to complete testing and report the test results. Should private owners not comply with this direction within a 30-day window, the District would direct the testing of the back flow by an outside vendor and place this charge on the next bill or potentially provide a 48-hour notice to disconnect the water service depending on the severity of the risk to the system.

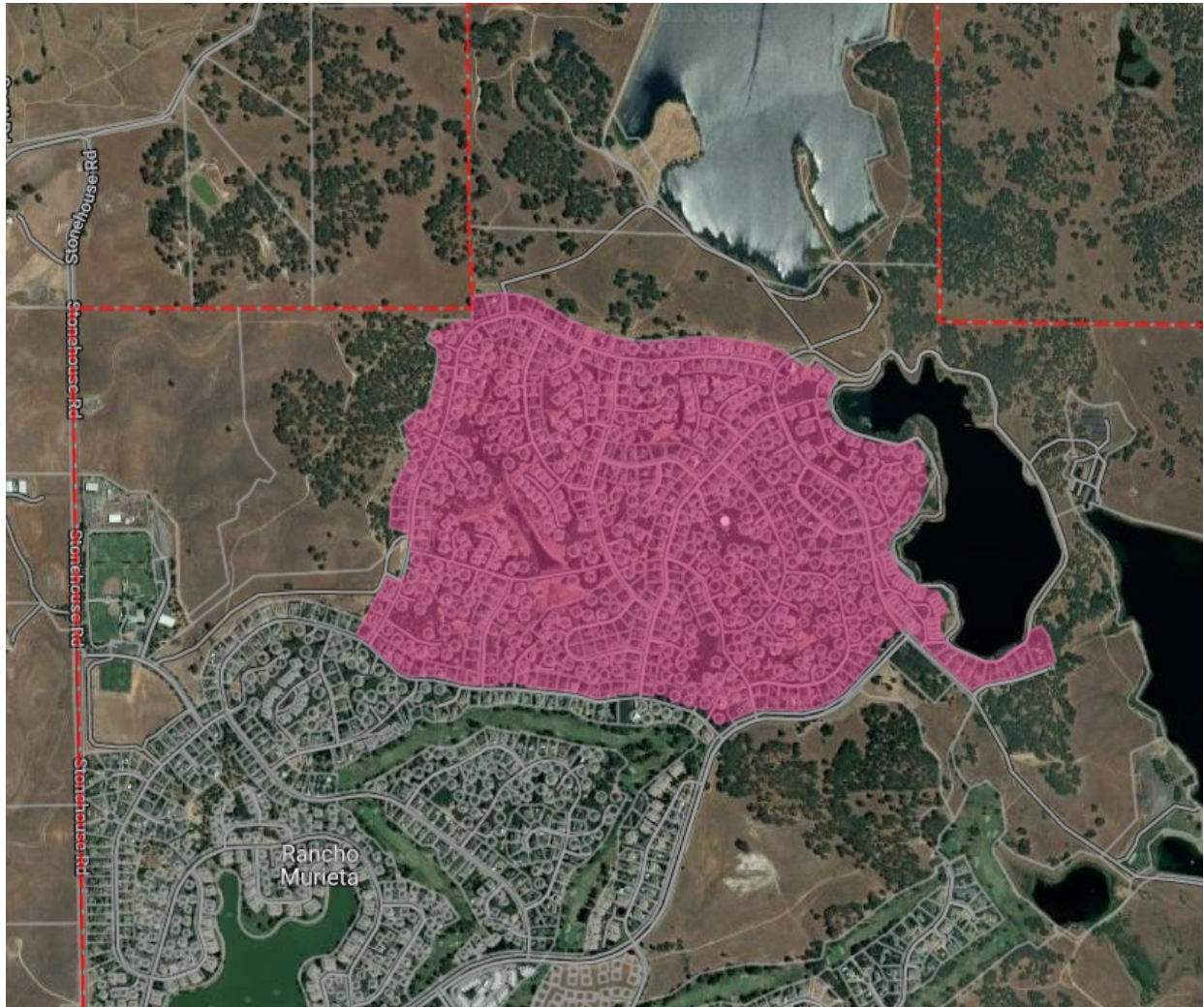
Resolution: This item is for information

- E. Contract update with Lumos & Associates** – Staff will meet with Lumos & Associates to discuss contracting and a possible accelerated scope of services.

Resolution: This item is for information

- F. CodeRED Test for Rio Oso Pressure Zone** – The District has created a new GIS layer for the Rio Oso pressure zone for use in the District CodeRED system. This layer can be used as a shapefile (in CodeRED) to alert users discretely in this pressure zone should there be a water emergency that just affects the pressure zone.

The District plans on testing this capability with a “this is a test of the emergency CodeRED system, I repeat, this is only a test”. The CodeRED program will collect data on completed phone calls, text alerts, and email alerts. This test of the system will likely take place the first week of August.



Resolution: This item is for information

G. Replace Aerators at Chesbro Reservoir – Staff propose to replace some failed aerators in the Chesbro Water Treatment Facility intake area. Staff believe the aerators form a barrier to naturally occurring concentrations of manganese from entering the treatment facility, this is likely being accomplished by the aeration causing the minerals to precipitate out of solution.

The failed aerators are the (older) rubber-style aeration diffusers. Staff have replaced sections of the older style diffusers in the past with newer membrane style aeration pods with good results. Staff desire to replace a portion of the old failed system with two newer style independent systems of compressor and diffuser pods. The replacement cost to accomplish has been quoted at \$10,529.

Resolution: This item is for information

H. SB170 Project Update – The District have provided the draft annual report to the State for the \$1.3M in SB170 provided to the District. All projects are slated to be completed in the next fiscal year.

- A. Granlees Forebay Safety Improvements are currently in the design phase.
- B. Water Facility Chlorine Gas to NaOCl Improvements have reached the 100% design level. The updated Engineers Estimate was brought before the Board for approval prior to sending the project out to bid. The Board has directed this project to be discussed at the improvements committee level.
- C. The Wastewater Facility Chlorine Gas to NaOCl and Contact Tank Improvements are at the preliminary design level.

Resolution: This item is for information and discussion

- I. Accept Past Infrastructure from Past Developments** – It has come to the District’s attention that there is a possibility that infrastructure was never formally accepted from the Murieta Gardens commercial and residential developments as well as Retreats West in more recent developments.

Resolution: Staff will be looking into this to verify and potentially discuss this endeavor with Finance and District Counsel on a way forward to accept this infrastructure and capitalize the assets, if not previously accepted.

- J. Access Easement 39 Acres Commercial** – Rancho North owners are requesting an access easement through District property located just west of the District Office to gain legal access to the existing traffic signal at highway E16. Please see the attached letter and map.

Resolution: This item is for discussion

July 26, 2023

Michael Fritschi
Director of Operations
Rancho Murieta CSD
15160 Jackson Road
Rancho Murieta, California 95683

SUBJECT: Rancho North – 39 AC parcel access
Our file no 11-08-036

Michael,

As we discussed in our meeting, we are requesting that the 39-ac parcel that is west of the RMCSO WWTP site gain legal access to the existing traffic signal at HWY 16.

Enclosed is a plan depicting a possible alignment for the intended access.

Please present this concept to the improvement committee. Let me know of any comments so we can prepare easement documents for your review.

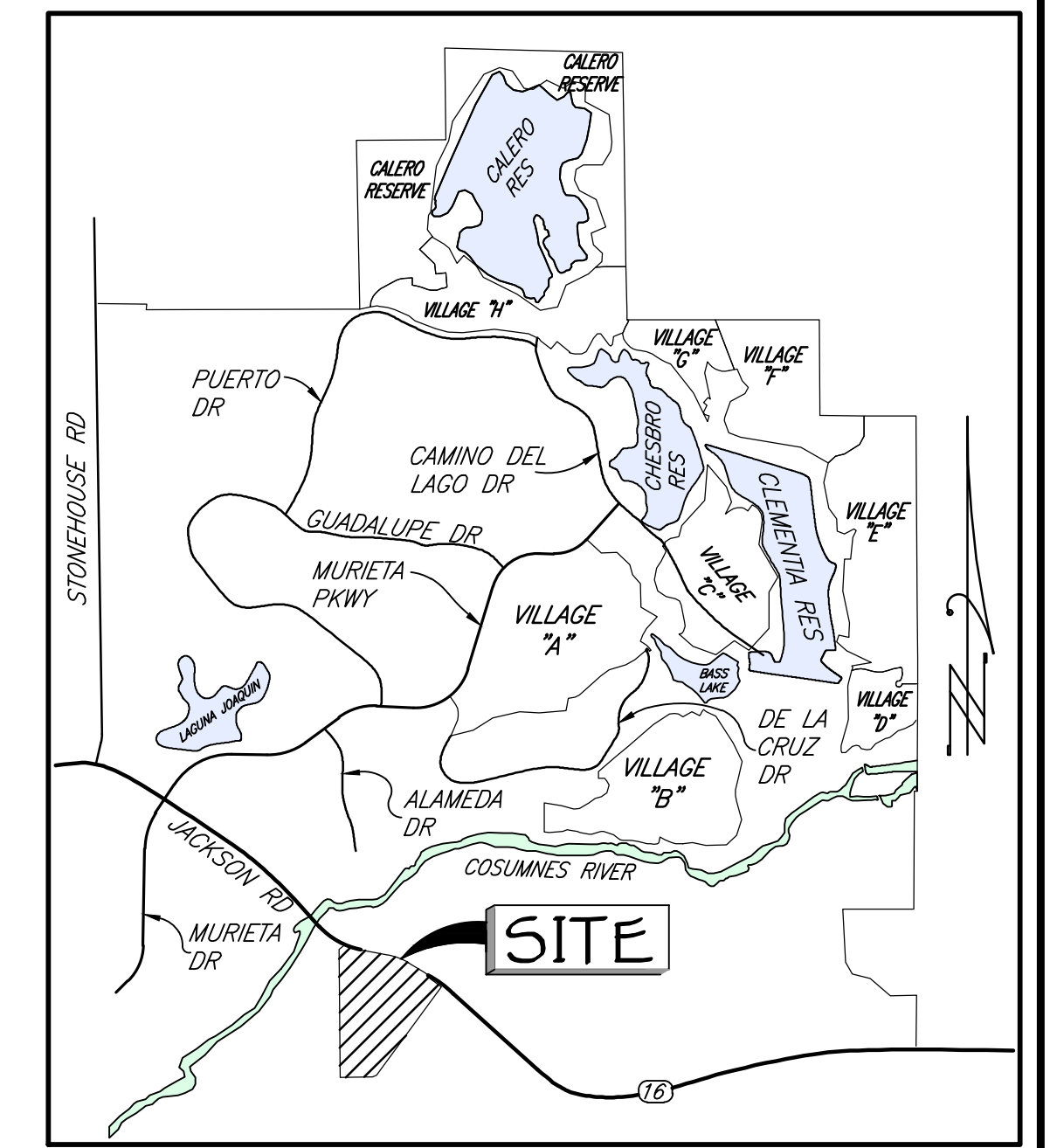
If you have any questions or need additional information please call me direct at 916-891-2031 or email at miker@bwengineers.com.

Sincerely,
BAKER-WILLIAMS ENGINEERING GROUP

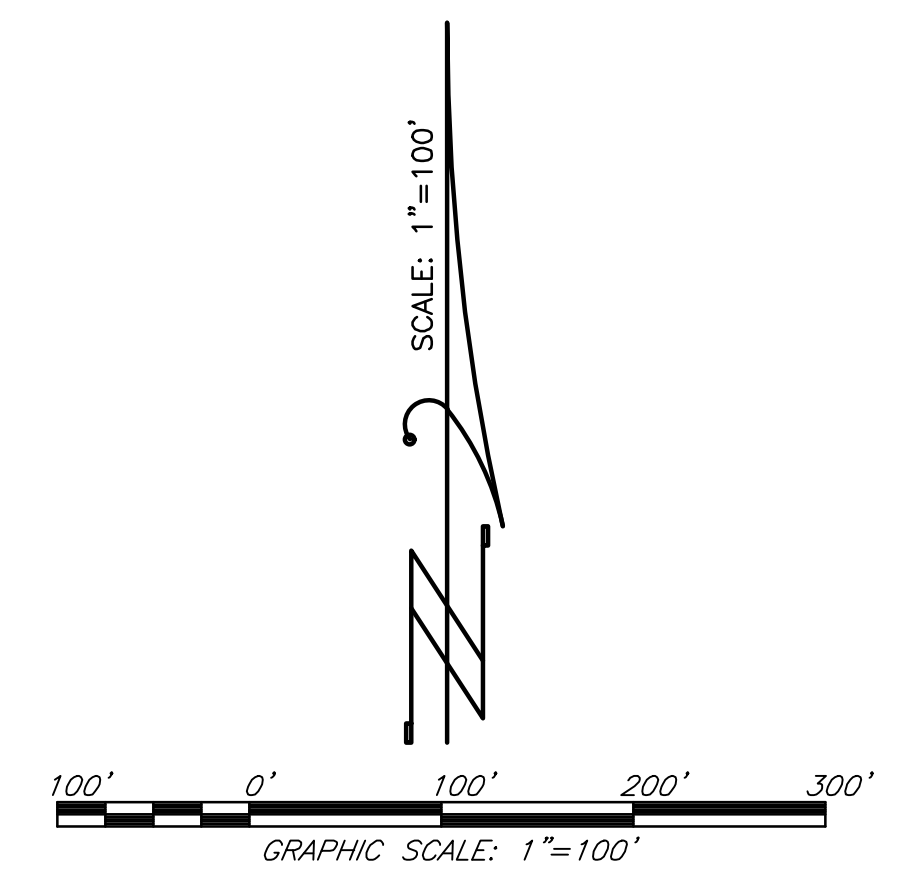


MICHAEL T. ROBERTSON
President

cc: Tony Velez



RANCHO MURIETA
NO SCALE



RANCHO MURIETA NORTH
39 ACRES GENERAL
COMMERCIAL LOTS
PROPOSED ACCESS EXHIBIT
A.P.N. 073-0180-029
RANCHO MURIETA
SACRAMENTO COUNTY, CALIFORNIA
JULY 2023

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