

Durham Irrigation District Board of Directors - Meeting Agenda

November 17, 2020 - 5:30 PM
Remote Meeting via Zoom (see below)

Special Notice: Pursuant to California Governor Gavin Newsom's Executive Order N-29-20 issued on March 17, 2020, relating to the convening of public meetings in response to the COVID-19 pandemic, Durham Irrigation District will be closing the Board of Directors Meetings to members of the public and non-essential District staff.

The public may listen to and/or participate in this meeting via landline or mobile telephone or via computer, with video and audio enabled or audio only. If you wish to comment on an item, but do not wish to participate during the meeting, the public may submit comments prior to the meeting via email to info@didwater.org before 5:00 p.m. on the day of the Board Meeting and they will be read into the record.

ACCESSING THE ONLINE MEETING:

We recommend logging-in **15 minutes early (at 5:15 pm)** to get set up and address any technical issues before the meeting starts. When you access the meeting, **you will be placed into a waiting room and admitted** into the meeting by the meeting hosts. There are four methods for joining the meeting:

1 - From Computer - One Click to Join

<https://us02web.zoom.us/j/495193613?pwd=QTduKzhTc0cxMThrOXFMVWdMYVM2QT09>

2 - From Computer Web Browser

<https://zoom.us/join>

When prompted, use Meeting ID: 495 193 613

Passcode: 646356

3 - From your Mobile Phone: One-Tap Mobile

+16699006833,,495193613#,,,,,0#,,646356#

4 - Dial-in using your Mobile Phone or Landline:

+1 669 900 6833

When prompted, use Meeting ID: 495 193 613

**If you are having any issues connecting to the meeting, please call
Durham Irrigation District at (530) 343-1594 for assistance.**

Please note that when you access the meeting, you will be placed into a waiting room and admitted into the meeting by the meeting host.

- The Board of Directors is committed to making its meetings accessible to all citizens. If you need a special accommodation to participate in the meeting, please contact the District Administrative Office at (530) 343-1594 or info@didwater.org at least 24 hours in advance of the meeting.
- The Board of Directors or its President pursuant to Government Code section 54954.3 reserves the right to impose reasonable rules governing public participation on agenda and non-agenda items, including limiting the total amount of time allocated to public testimony on particular issues and for each individual speaker.

**Durham Irrigation District
Board of Directors
MEETING AGENDA
November 17, 2020 - 5:30 PM**

COPIES OF THIS AGENDA AVAILABLE FROM:
Durham Irrigation District Office or Online at www.didwater.org

Posted: 5:00p.m., November 12, 2020 at 9418-C Midway, Durham, CA 95938 and Online at www.didwater.org

Board of Directors:

Matt Doyle, Chair
Raymond Cooper
Kevin Phillips

District Staff:

Kamie Loeser, General Manager
Jeff Carter, District Counsel
Rex Munroe and Mike Butler, Water Operator

AGENDA ITEMS:

1. CALL TO ORDER

- 1.1. Roll Call/Establishment of Quorum
- 1.2. Introduction of Guests

2. ADJUSTMENTS AND APPROVAL OF AGENDA

- 3. PUBLIC COMMENT - public members wishing to address the Board on items not listed on the Agenda.**
The Durham Irrigation District Board of Directors may take official action only on items included in the posted agenda for a specific scheduled meeting. Items addressed during the Public Comment section are generally matters not included on the agenda and therefore, the Board will not take action at this scheduled meeting. However, such items may be put on the agenda for a future meeting. The public shall have the opportunity to address items that are on the posted agenda. Speakers shall be limited to three minutes each.

4. PRESENTATIONS *(All Items Informational/Possible Action)*

None.

5. CONSENT AGENDA

All items listed under the Consent Agenda are considered to be routine and will be enacted by one motion unless an item is removed. Resolutions will be read by title only. There will be no separate discussion of these items unless members of the Board, or persons in the audience, request specific items to be removed from the Consent Agenda to the Regular Agenda for separate discussion, prior to

the time the Board votes on the motion to adopt the Consent Agenda. If any item(s) are removed from the Consent Agenda, the item(s) will be considered immediately following action on the Consent Agenda.

- 5.1. Minutes for Regular Meeting held on October 20, 2020
- 5.2. Monthly Financial Report for October 2020, including the Balance Sheet, Profit & Loss Statement January through October, and the General Ledger.

Action Requested: that the Board of Directors approve the Consent Agenda.

6. REGULAR AGENDA

- 6.1. Items Removed from Consent Agenda
- 6.2. Payment of monthly bills and approve the warrant sheet and refund register October 20, 2020, through November 15, 2020. Action Requested: that the Board of Directors authorize payment of the monthly bills and approve the warrant sheet, deposit, and refund registers.

1. GENERAL ADMINISTRATION BUSINESS (All Items Informational/Possible Action)

1.1. CORRESPONDENCE: (All Items Informational/Possible Action)

- a. Butte County Special Districts Association (BCSDA) Request for Nominations. Letter from Secretary/Treasurer Executive Board, Ms. Ann Willmann requesting 4 nominations for the BCSDA Executive Board of Directors, 2 for non-enterprise districts and 2 for enterprise districts. Nominations are due by November 20, 2020. Possible Action: Nominate Executive Board Member(s).
- b. State Water Resources Control Board. 2020 Inspection Report. Letter from the Water Boards summarizing the annual inspection conducted with the District Water Operator on September 16, 2020. Provided System Deficiency Record. Noted one deficiency: The District needs to develop and maintain a record keeping system for testing and repairing or replacing backflow devices. Proff of record keeping system must be submitted to the Division by December 1, 2020. Informational Purposes Only, No Action Requested.
- c. Butte County LAFCo. Election results for the Special District Alternate "Enterprise" Member, provided pursuant to California Government Code Section §56332.

- 1.2. Policies and Procedures Document: Chapter 7 – Water Rates, Operating Fees, and Billing Procedure. Possible Action: Review and approval of Appendix A.1 Miscellaneous Utility Billing/Customer Fees.

2. WATER OPERATIONS BUSINESS (All Items Informational/Possible Action)

- 2.1. Daily Log for October 2020 - (Operator Rex Munroe/Mike Butler):
 - a. Response to questions/comments regarding customer service calls, meter installs etc.

2.2. Other Water System Improvements, Needs and Updates:

- a. New Meters Installations
- b. Fire Hydrant Testing Program

3. **ATTORNEY REPORT** *(All Items Informational/Possible Action)*

3.1. Attorney's Update

4. **MANAGER REPORT** *(All Items Informational/Possible Action)*

4.1. Manager's Report/Updates *(All Items Informational/Possible Action)*

- a. Office Procedures Manual preparation. Manager Loeser is preparing a daily office procedures manual detailing the procedures for processing correspondence, emails, water payments, banking procedures, work orders, and other similar record keeping activities.
- b. CSDA Board Secretary/Clerk Virtual Conference. Manager Loeser attended the virtual conference on October 26-28, 2020.

5. **VINA GSA**

5.1. Vina GSA Report *(District Manager Loeser, Legal Counsel Carter)*

a. Next Meeting Dates:

- Stakeholder Advisory Committee Meeting, 11/17/20, 9:00am-12:00pm
- Vina GSA Board Meeting, 11/18/20, 5:30-7:00pm

6. **DIRECTORS' COMMENTS:** Opportunity for Board comments on items not listed on the agenda.

7. **CLOSED SESSION**

Pursuant to Government Code Section 54956.9(d)(4), Conference with Legal Counsel - Initiation of litigation: Based on existing facts and circumstances, the Board of Directors is deciding whether to initiate litigation. One case.

OPEN SESSION

8. **ADJOURNMENT**

- The Board of Directors is committed to making its meetings accessible to all citizens. If you need a special accommodation to participate in the meeting, please contact the District Administrative Office at (530) 343-1594 or info@didwater.org at least 24 hours in advance of the meeting.
- The Board of Directors or its President pursuant to Government Code section 54954.3 reserves the right to impose reasonable rules governing public participation on agenda and non-agenda items, including limiting the total amount of time allocated to public testimony on particular issues and for each individual speaker.

Item 5.1

**Durham Irrigation District
Board of Directors
DRAFT Meeting Minutes**
October 20, 2020 - 5:30 PM

Board of Directors:

Matt Doyle, Chair – in attendance/remote
Raymond Cooper – in attendance/remote
Kevin Phillips – in attendance/remote

District Staff:

Kamie Loeser, General Manager – in attendance/in office
Jeff Carter, District Counsel – in attendance/in office
Mike Butler, Water Operator – in attendance/remote

AGENDA ITEMS:

This meeting was recorded. A video recording is available at www.didwater.org

1. CALL TO ORDER

- 1.1. Roll Call/Establishment of Quorum – The meeting was called to order at 5:32PM by Chair Doyle. Roll Call was taken as noted “in attendance” above. Attendees participated via Zoom; with the exception of those noted as “in office” above.
- 1.2. Introduction of Guests

Guests participated via zoom.
 - Mr. Pat Button
 - Ms. Sara Lukes Pyle, 2338 Brown Street
 - Travis Avila, Regional Sales Manager, Metron Farnier

2. ADJUSTMENTS AND APPROVAL OF AGENDA

None.

3. PUBLIC COMMENT

- Mr. Button discussed the applicability of Proposition 218. He also asked if it is still the policy of the District to install meters when sell a home, noting that there had been some home sales and a new meter had not been installed.

4. PRESENTATIONS *(All Items Informational/Possible Action)*

Metron Farnier: Smart Water Meters & Systems (www.metronfarnier.com). Mr. Travis Avila provided an overview presentation on the smart meters and water usage monitoring software that Metron Farnier provides. The purpose of the presentation was to provide the Board with potential options for consideration as the District moves forward with meter installations as part of the implementation of the USBR Grant for the Water System Infrastructure Efficiency Project, Phase 1.

5. CONSENT AGENDA

- 5.1. Minutes for Regular Meeting held on September 8, 2020
- 5.2. Monthly Financial Report for September 2020
- 5.3. Payment of monthly bills and approve the warrant sheet and refund register September 8, through October 15, 2020.

Action Requested: *that the Board of Directors approve the Consent Agenda.*

Action Taken:

On a motion made by Director Phillips, seconded by Director Cooper, the Board of Directors approved the Consent Agenda.

The vote was as follows: Ayes carried.

Roll call vote:

Ayes: Phillips, Cooper, Doyle

Abstained: None

Noes: None

Absent: None

6. REGULAR AGENDA

- 6.1. Items Removed from Consent Agenda

None.

7. GENERAL ADMINISTRATION BUSINESS *(All Items Informational/Possible Action)*

Note: Item 8. Water Operations Business was discussed prior to 7.1 to accommodate Ms. Sara Lukes Pyle, landowner, who was waiting to speak specifically on item 8.1.a, 2338 Brown Street meter repair.

7.1. CORRESPONDENCE: *(All Items Informational/Possible Action)*

- a. Email correspondence from Mr. Pat Button. *Informational Purposes Only, No Action Requested.*

- Wednesday, September 16, 2020, RE: Vina Membership Dues
- Wednesday, September 16, 2020, RE: Closed Session Handbook
- Monday, September 21, 2020, RE: Proposition 218

The email correspondence was included in the Agenda Packet for the Board's review. General Manager Loeser provided an overview summary of the three emails that had been sent to the District.

No Action Taken.

- 7.2. Policies and Procedures Document: Chapter 7 – Water Rates, Operating Fees, and Billing Procedure. Action Requested: Review and approve Chapter 7 of the District Policies and Procedures Document.

The Board specifically discussed Appendix A.1, Miscellaneous Utility Billing/Customer Fees, which would expand the Schedule of Fees and Charges that were adopted November, 12, 2015 and went into effect January 1, 2016. The Board directed that the General Manager prepare a Draft Schedule of Fees for consideration at the next meeting; and if deemed necessary to schedule an ad hoc Administrative Fees Committee meeting with Director Phillips.

Mr. Button asked if annexation fees and such would be included in the list. General Manager Loeser responded that those types of fees would be covered in the Will Serve Application Process & Standard Conditions of Approval, Item 7.3.

Action Taken:

On a motion made by Director Phillips, seconded by Director Cooper, the Board of Directors tabled the item to the November 17, 2020 meeting with direction given to the General Manager.

The vote was as follows: Ayes carried.

Roll call vote:

Ayes: Phillips, Cooper, Doyle

Abstained: None

Noes: None

Absent: None

- 7.3. Will Serve Application Process & Standard Conditions of Approval. Action Requested: Review and approve the Draft Will Serve Application Process & Standard Conditions of Approval.

General Manager Loeser provided an overview of the Will Serve Application Process & Standard Conditions of Approval; identifying each of the redline edits/additions provided by Legal Counsel, Carter.

Action Taken:

On a motion made by Director Phillips, seconded by Director Cooper, the Board of Directors moved to accept Will Serve Application Process & Standard Conditions of Approval as amended.

The vote was as follows: Ayes carried.

Roll call vote:

Ayes: Phillips, Cooper, Doyle

Abstained: None

Noes: None

Absent: None

8. WATER OPERATIONS BUSINESS (All Items Informational/Possible Action)

- 8.1. Daily Log for September 2020 - (Operator Rex Munroe/Mike Butler):

- a. Update on 2338 Brown Street meter/leak repair. Informational Purposes, Possible Action. The meter for 2338 Brown Street is in the alley behind the gas station at the corner of Midway and Brown Street. The leak was caused by a Recology truck driving over and damaging the meter box.

General Manager Loeser and Water Operator Butler provided an overview of the meter damage and repair at 2338 Brown Street. The discussion included the damage caused by the Recology dump truck that drove over the meter box in order to access the dumpsters that belong to the adjacent commercial land use. Ms. Sara Lukes Pyle provided a history of the issue. Mr. Button provided comments regarding this issue.

The Board gave direction to Operator Butler to have a concrete apron slab installed around the meter so it would be protected from vehicles driving over the meter box. The Board directed General Manager Loeser to compile the receipts for the costs of the repair and submit them to Recology for reimbursement.

- b. Response to questions/comments regarding customer service calls, meter installs etc.

Operator Butler noted that he and Operator Munroe conducted a sanitary survey inspection with the State Water Boards. General Manager Loeser referenced the State's Inspection Report. The Report noted only one deficiency and will require proof of a record keeping system for testing and repairing or replacing backflow devices.

In reviewing the daily log, Chair Doyle asked about a low-pressure service call that was received. Operator Butler indicated that it may have resulted from a power outage and a transfer switch that may not have triggered shifting power from the generator back to PG&E power. Director Phillips recommended that the switch be tested.

8.2. Other Water System Improvements, Needs and Updates:

- a. Needed Meter Installations: New Meters, Broken Meters

No specific report was made.

- b. Fire Hydrant Testing Program

Operator Butler provided an estimated cost per hydrant to conduct a testing program, which would include flow test, painting hydrants, and marking caps. The Board requested a written estimate. General Manager Loeser is to provide the number of hydrants to Butler.

Mr. Button provided comments that the District could charge for backflow testing.

9. **ATTORNEY REPORT** *(All Items Informational/Possible Action)*

9.1. Attorney's Update

Legal Counsel presented correspondence from the Butte County Local Agency Formation Commission (LAFCo) requesting nominees for an Enterprise member for the Commission. The Board did not have any nominees.

10. **MANAGER REPORT** *(All Items Informational/Possible Action)*

10.1. Manager's Report/Updates *(All Items Informational/Possible Action)*

- a. USBR Grant Extension Request. The District has requested a one-year time extension for the Water System Infrastructure Efficiency Project, Phase 1.

General Manager Loeser provided a summary of the reasoning for the extension request.

- b. CSDA Board Secretary/Clerk Virtual Conference. The District has received a scholarship for General Manager, Kamie Loeser to participate in the conference, October 26-28, 2020.

General Manager Loeser noted that the District had received a scholarship for her attendance at the conference, which is an online virtual conference format.

11. VINA GSA

11.1. Vina GSA Report (*District Manager Loeser, Legal Counsel Carter*)

General Manager Loeser noted that the Vina GSA Board Meeting that was held on October 14, 2020. Director Cooper was in attendance as the DID representative. The Vina GSA SHAC meeting was held on the morning of October 20, 2020. Manager Loeser noted that the SHAC is making progress on various elements of the GSP.

12. DIRECTORS' COMMENTS: Opportunity for Board comments on items not listed on the agenda.

Director Cooper noted a CalOES Request for Proposal (RFP) for a grant that could be a source of funding for a generator for well site 3; however, we would need to verify if the District meets the minimum qualifications to apply. The Board directed General Manager Loeser to continue to look for grant opportunities for back-up power generation.

13. CLOSED SESSION

Pursuant to Government Code Section 54956.9(d)(4), Conference with Legal Counsel - Initiation of litigation: Based on existing facts and circumstances, the Board of Directors is deciding whether to initiate litigation. One case.

OPEN SESSION

At 7:33PM the Board returned to Open Session and summarized the Closed Session as follows:

No Action was taken; the matter was continued to the next regular meeting of the Board in Closed Session.

14. ADJOURNMENT

Durham Irrigation District**Balance Sheet****As of October 31, 2020****Oct 31, 20**

Item 5.2

ASSETS**Current Assets****Checking/Savings****Current Assets****Cash** 156,039.39**Cash on Hand** 100.00**Development Fees** 26,193.24**Savings** 14,377.22**Total Current Assets** 196,709.85**Total Checking/Savings** 196,709.85**Total Current Assets** 196,709.85**Fixed Assets****CAPITAL ASSETS****Depreciable Assets****Equipment** 43,002.14**Mains** 623,540.00**Pumps** 172,575.00**Structures** 16,084.00**Wells** 127,486.00**Less Accum. Dep'n** -434,456.00**Total Depreciable Assets** 548,231.14**Total CAPITAL ASSETS** 548,231.14**Non-Depreciable Assets****Land** 20,331.00**Total Non-Depreciable Assets** 20,331.00**Total Fixed Assets** 568,562.14**TOTAL ASSETS** 765,271.99**LIABILITIES & EQUITY****Liabilities****Current Liabilities****Other Current Liabilities****Uncleared Checks** 100.00**Total Other Current Liabilities** 100.00**Total Current Liabilities** 100.00**Total Liabilities** 100.00**Equity****NET POSITION****Net Investment in Capital Asset** 566,549.00**Total NET POSITION** 566,549.00**Unrestricted Net Assets** 137,166.07**Net Income** 61,456.92**Total Equity** 765,171.99**TOTAL LIABILITIES & EQUITY** 765,271.99

Durham Irrigation District
Profit & Loss

January through October 2020

	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	TOTAL
Ordinary Income/Expense											
Income											
Water Sales Income											
OPERATING REVENUES											
Meter Sales	0.00	0.00	0.00	0.00	650.00	650.00	0.00	0.00	0.00	0.00	1,300.00
Water Sales	25,785.27	18,335.59	30,977.08	26,817.86	26,325.68	31,497.51	34,259.95	36,297.33	35,878.85	34,510.56	300,685.68
Total OPERATING REVENUES	25,785.27	18,335.59	30,977.08	26,817.86	26,975.68	32,147.51	34,259.95	36,297.33	35,878.85	34,510.56	301,985.68
Total Water Sales Income	25,785.27	18,335.59	30,977.08	26,817.86	26,975.68	32,147.51	34,259.95	36,297.33	35,878.85	34,510.56	301,985.68
Total Income	25,785.27	18,335.59	30,977.08	26,817.86	26,975.68	32,147.51	34,259.95	36,297.33	35,878.85	34,510.56	301,985.68
Expense											
Contract Services											
Accounting Fees	606.00	693.75	431.25	393.75	256.50	281.25	318.75	337.50	393.75	337.50	4,050.00
Engineering Support	0.00	0.00	0.00	1,065.00	0.00	0.00	1,715.00	1,775.00	210.00	0.00	4,765.00
Legal Fees	2,925.00	2,700.00	2,700.00	4,199.65	2,363.51	2,205.00	2,047.50	1,897.10	2,677.50	1,935.00	25,650.26
Management & Administration	7,125.00	4,407.50	4,135.00	5,073.75	4,083.00	4,015.16	5,183.75	5,266.25	5,115.00	5,183.75	49,588.16
Water Operations Mgmt.	2,500.00	6,012.50	5,437.50	4,762.50	1,200.00	0.00	0.00	0.00	0.00	0.00	19,912.50
Total Contract Services	13,156.00	13,813.75	12,703.75	15,494.65	7,903.01	6,501.41	9,265.00	9,275.85	8,396.25	7,456.25	103,965.92
OPERATING EXPENSES											
Administration											
Board Stipends	300.00	300.00	300.00	600.00	300.00	300.00	600.00	300.00	500.00	600.00	4,100.00
District Wages, Taxes, Insur.											
Insurance	503.72	0.00	0.00	0.00	0.00	564.46	5,674.55	0.00	0.00	0.00	6,742.73
Payroll Service Fees	0.00	185.25	58.00	58.00	70.00	58.00	58.00	70.00	58.00	58.00	673.25
Payroll Tax Expense	0.00	-44.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-44.53
Property Taxes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	11.60
Total District Wages, Taxes, Insur.	503.72	140.72	58.00	58.00	70.00	622.46	5,732.55	70.00	58.00	69.60	7,383.05
Fees, Dues, Memberships	4,051.20	1,015.00	1,828.00	431.95	12.50	7.08	1,265.08	1,000.00	1,481.45	1,000.00	12,092.26
Office Expense											
Meals	0.00	0.00	0.00	0.00	24.64	0.00	0.00	0.00	0.00	0.00	24.64
Postage	300.00	150.00	150.00	150.00	150.00	450.00	150.00	300.00	0.00	150.00	1,950.00
Software	0.00	0.00	0.00	0.00	0.00	54.99	182.51	0.00	0.00	0.00	237.50
Supplies	147.96	0.00	0.00	186.04	0.00	411.93	136.96	161.52	60.03	394.98	1,499.42
Website Hosting	75.00	75.00	75.00	150.00	75.00	75.00	75.00	75.00	75.00	150.00	900.00
Office Expense - Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	659.96	659.96
Total Office Expense	522.96	225.00	225.00	486.04	249.64	991.92	544.47	536.52	135.03	1,354.94	5,271.52
Rent	556.02	450.00	450.00	450.00	556.02	450.00	530.00	556.02	450.00	556.02	5,004.08
Software Fees	100.00	100.00	220.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	1,120.00
Supplies	17.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.25
Utilities											
Garbage	105.56	108.43	108.43	108.43	108.43	108.43	108.43	108.43	108.43	108.43	1,081.43
Gas & Electric	3,230.13	2,902.08	3,327.49	3,591.78	3,666.81	4,890.20	6,074.54	6,616.46	7,718.22	5,905.33	47,923.04
Telephone/Internet	227.57	226.66	236.92	226.92	253.00	253.14	243.14	265.33	254.49	254.49	2,441.66
Total Utilities	3,563.26	3,237.17	3,672.84	3,927.13	4,028.24	5,251.77	6,426.11	6,990.22	8,081.14	6,268.25	51,446.13
Water System Maint,Repair,Repl											
Regular Operations & Maint											
O & M Supplies	223.07	218.51	282.33	375.62	960.00	498.26	2,962.23	1,937.88	1,517.18	4,562.54	13,537.62
Water Testing Fees	1,510.80	206.40	67.20	67.20	206.40	134.40	0.00	457.20	269.20	374.60	3,293.40
Weed Management	0.00	0.00	0.00	0.00	680.00	800.00	800.00	0.00	0.00	1,800.00	4,080.00
Regular Operations & Maint - Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	0.00	1,000.00
Total Regular Operations & Maint	1,733.87	424.91	349.53	442.82	1,846.40	1,432.66	3,762.23	2,395.08	2,786.38	6,737.14	21,911.02
Water System Repair & Repl.+											
Repairs	1,194.78	0.00	0.00	93.31	95.99	0.00	1,799.77	-1,126.00	6,759.30	125.00	8,942.15
Repair Supplies	0.00	0.00	0.00	0.00	0.00	390.35	0.00	0.00	0.00	0.00	390.35
Contractor	2,061.00	0.00	0.00	0.00	3,054.12	0.00	6,246.50	0.00	0.00	0.00	11,361.62
Water Operator	0.00	0.00	0.00	0.00	0.00	7,425.00	2,500.00	2,500.00	2,500.00	2,500.00	17,425.00
Total Water System Repair & Repl.+	3,255.78	0.00	0.00	93.31	3,150.11	7,815.35	10,546.27	1,374.00	9,259.30	2,625.00	38,119.12
Total Water System Maint,Repair,Repl	4,989.65	424.91	349.53	536.13	4,996.51	9,248.01	14,308.50	3,769.08	12,045.68	9,362.14	60,030.14
Total Administration	14,604.06	5,892.80	7,103.37	6,589.25	10,312.91	16,971.24	29,506.71	13,321.84	22,851.30	19,310.95	146,464.43
Bank Service Charges	0.00	10.00	118.00	0.00	0.00	0.00	0.00	50.85	206.25	189.07	574.17
Total OPERATING EXPENSES	14,604.06	5,902.80	7,221.37	6,589.25	10,312.91	16,971.24	29,506.71	13,372.69	23,057.55	19,500.02	147,038.60
Total Expense	27,760.06	19,716.55	19,925.12	22,083.90	18,215.92	23,472.65	38,771.71	22,648.54	31,453.80	26,956.27	251,004.52
Net Ordinary Income	-1,974.79	-1,380.96	11,051.96	4,733.96	8,759.76	8,674.86	-4,511.76	13,648.79	4,425.05	7,554.29	50,981.16
Other Income/Expense											
Other Income											
NON-OPERATING REVENUE											
Interest Income	0.18	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.25
Total NON-OPERATING REVENUE	0.18	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	1.25
SPECIAL PROJECTS											
Development Projects Income											
Payments Received	0.00	0.00	0.00	0.00	6,889.24	0.00	9,617.00	0.00	0.00	0.00	16,506.24
Total Development Projects Income	0.00	0.00	0.00	0.00	6,889.24	0.00	9,617.00	0.00	0.00	0.00	16,506.24
Total SPECIAL PROJECTS	0.00	0.00	0.00	0.00	6,889.24	0.00	9,617.00	0.00	0.00	0.00	16,506.24
Total Other Income	0.18	0.11	0.12	0.12	6,889.36	0.12	9,617.12	0.12	0.12	0.12	16,507.49
Other Expense											
Special District Projects											
Expenses											
Agency Fees	3,109.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,109.06
Development Project Fees	1,560.17	340.00	0.00	0.00	0.00	662.50	315.00	45.00	0.00	0.00	2,922.67
Total Expenses	4,669.23	340.00	0.00	0.00	0.00	662.50	315.00	45.00	0.00	0.00	6,031.73
Total Special District Projects	4,669.23	340.00	0.00	0.00	0.00	662.50	315.00	45.00	0.00	0.00	6,031.73
Total Other Expense	4,669.23	340.00	0.00	0.00	0.00	662.50	315.00	45.00	0.00	0.00	6,031.73
Net Other Income	-4,669.05	-339.89	0.12	0.12	6,889.36	-662.38	9,302.12	-44.88	0.12	0.12	10,475.76
Net Income	-6,643.84	-1,720.85	11,052.08	4,734.08	15,649.12	8,012.48	4,790.36	13,603.91	4,425.17	7,554.41	61,456.92

Durham Irrigation District
General Ledger
As of October 31, 2020

Date	Num	Name	Memo	Paid Amount	Balance
Current Assets					189,155.44
Cash					148,485.10
10/01/2020		Deposit	Deposit	242.96	148,728.06
10/02/2020		Deposit	Deposit	178.57	148,906.63
10/02/2020		Postalia		-150.00	148,756.63
10/02/2020		Bank Charge		-189.07	148,567.56
10/02/2020		Deposit	Deposit	955.45	149,523.01
10/05/2020		Deposit	Deposit	352.48	149,875.49
10/06/2020		Deposit	Deposit	93.35	149,968.84
10/07/2020		Deposit	Deposit	312.18	150,281.02
10/08/2020		Deposit	Deposit	289.75	150,570.77
10/09/2020		Deposit	Deposit	337.88	150,908.65
10/13/2020		Deposit	Deposit	328.34	151,236.99
10/13/2020		Deposit	Deposit	133.28	151,370.27
10/13/2020		Deposit	Deposit	58.41	151,428.68
10/13/2020		Paychex		-58.00	151,370.68
10/14/2020		Deposit	Deposit	206.98	151,577.66
10/15/2020		Deposit	Deposit	248.98	151,826.64
10/16/2020		Deposit	Deposit	504.45	152,331.09
10/19/2020	9197	Kevin Phillips	Sept 2020	-100.00	152,231.09
10/19/2020	9198	Matt Doyle	Sept 2020	-200.00	152,031.09
10/19/2020	9199	Raymond Cooper	Sept 2020	-300.00	151,731.09
10/19/2020	9200	Tozier's True Value ...	supplies	-182.19	151,548.90
10/19/2020	9201	Basic Laboratory	colilert test/perchlorate by EPA	-374.60	151,174.30
10/19/2020	9202	JC Hernandez		-1,800.00	149,374.30
10/19/2020	9203	Sierra Water Utility		-4,505.35	144,868.95
10/19/2020	9204	Camp & McLaughlin	Oct rent	-450.00	144,418.95
10/19/2020	9205	AT & T		-254.49	144,164.46
10/19/2020	9206	PG & E		-5,905.33	138,259.13
10/19/2020	9207	Recology		-108.43	138,150.70
10/19/2020	9208	Sequoyah		-100.00	138,050.70
10/19/2020	9209	Streamline		-150.00	137,900.70
10/19/2020	9210	FP Mailing Solutions	equipment rent	-106.02	137,794.68
10/19/2020	9211	Moore Printing Com...		-394.98	137,399.70
10/19/2020	9212	Sheryl Bosman	Bookkeeping	-337.50	137,062.20
10/19/2020	9213	Carter Law Office		-1,935.00	135,127.20
10/19/2020	9214	Kamie Loeser Cons...	clerical & mgmt services	-5,183.75	129,943.45
10/19/2020	9215	Culligan of Chico		-2,500.00	127,443.45
10/19/2020	9216	Vina GSA		-1,000.00	126,443.45
10/19/2020	9217	Butte County Tax C...		-11.60	126,431.85
10/19/2020		Deposit	Deposit	475.13	126,906.98
10/19/2020		Deposit	Deposit	165.92	127,072.90
10/19/2020		Deposit	Deposit	51.68	127,124.58
10/19/2020	9218	Kamie Loeser Cons...	reimb. office	-659.96	126,464.62
10/21/2020		Deposit	Deposit	29.42	126,494.04
10/23/2020		Deposit	Deposit	19,550.54	146,044.58
10/23/2020		Deposit	Deposit	41.61	146,086.19
10/26/2020		Deposit	Deposit	164.08	146,250.27
10/26/2020		Deposit	Deposit	80.00	146,330.27
10/26/2020		Deposit	Deposit	39.55	146,369.82
10/29/2020		Deposit	Deposit	6,323.89	152,693.71
10/29/2020		Deposit	Deposit	3,259.07	155,952.78
10/29/2020		Deposit	Deposit	86.61	156,039.39
Total Cash				7,554.29	156,039.39
Cash on Hand					100.00
Total Cash on Hand					100.00
Development Fees					26,193.24
Total Development Fees					26,193.24
Savings					14,377.10
10/30/2020		Deposit	Deposit	0.12	14,377.22
Total Savings				0.12	14,377.22
Total Current Assets				7,554.41	196,709.85

Durham Irrigation District
General Ledger
As of October 31, 2020

Date	Num	Name	Memo	Paid Amount	Balance
CAPITAL ASSETS					548,231.14
Depreciable Assets					548,231.14
Equipment					43,002.14
Total Equipment					43,002.14
Mains					623,540.00
Total Mains					623,540.00
Pumps					172,575.00
Total Pumps					172,575.00
Structures					16,084.00
Total Structures					16,084.00
Wells					127,486.00
Total Wells					127,486.00
Less Accum. Dep'n					-434,456.00
Total Less Accum. Dep'n					-434,456.00
Total Depreciable Assets					548,231.14
Total CAPITAL ASSETS					548,231.14
Non-Depreciable Assets					20,331.00
Land					20,331.00
Total Land					20,331.00
Total Non-Depreciable Assets					20,331.00
Uncleared Checks					-100.00
Total Uncleared Checks					-100.00
NET POSITION					-566,549.00
Net Investment in Capital Asset					-566,549.00
Total Net Investment in Capital Asset					-566,549.00
Total NET POSITION					-566,549.00
Unrestricted Net Assets					-137,166.07
Total Unrestricted Net Assets					-137,166.07
Water Sales Income					-267,475.12
OPERATING REVENUES					-267,475.12
Meter Sales					-1,300.00
Total Meter Sales					-1,300.00
Water Sales					-266,175.12
10/01/2020		Deposit	Deposit	-242.96	-266,418.08
10/02/2020		Deposit	Deposit	-178.57	-266,596.65
10/02/2020		Deposit	Deposit	-955.45	-267,552.10
10/05/2020		Deposit	Deposit	-352.48	-267,904.58
10/06/2020		Deposit	Deposit	-93.35	-267,997.93
10/07/2020		Deposit	Deposit	-312.18	-268,310.11
10/08/2020		Deposit	Deposit	-289.75	-268,599.86
10/09/2020		Deposit	Deposit	-337.88	-268,937.74
10/13/2020		Deposit	Deposit	-328.34	-269,266.08
10/13/2020		Deposit	Deposit	-133.28	-269,399.36
10/13/2020		Deposit	Deposit	-58.41	-269,457.77
10/14/2020		Deposit	Deposit	-206.98	-269,664.75
10/15/2020		Deposit	Deposit	-248.98	-269,913.73
10/16/2020		Deposit	Deposit	-504.45	-270,418.18
10/19/2020		Deposit	Deposit	-475.13	-270,893.31
10/19/2020		Deposit	Deposit	-165.92	-271,059.23
10/19/2020		Deposit	Deposit	-51.68	-271,110.91
10/21/2020		Deposit	Deposit	-29.42	-271,140.33
10/23/2020		Deposit	Deposit	-19,550.54	-290,690.87
10/23/2020		Deposit	Deposit	-41.61	-290,732.48
10/26/2020		Deposit	Deposit	-164.08	-290,896.56
10/26/2020		Deposit	Deposit	-80.00	-290,976.56
10/26/2020		Deposit	Deposit	-39.55	-291,016.11

Durham Irrigation District
General Ledger
As of October 31, 2020

Date	Num	Name	Memo	Paid Amount	Balance
10/29/2020		Deposit	Deposit	-6,323.89	-297,340.00
10/29/2020		Deposit	Deposit	-3,259.07	-300,599.07
10/29/2020		Deposit	Deposit	-86.61	-300,685.68
Total Water Sales				-34,510.56	-300,685.68
Total OPERATING REVENUES				-34,510.56	-301,985.68
Total Water Sales Income				-34,510.56	-301,985.68
Contract Services					96,509.67
Accounting Fees					3,712.50
10/19/2020	9212	Sheryl Bosman	Bookkeeping	337.50	4,050.00
Total Accounting Fees				337.50	4,050.00
Engineering Support					4,765.00
Total Engineering Support					4,765.00
Legal Fees					23,715.26
10/19/2020	9213	Carter Law Office	legal fees	1,935.00	25,650.26
Total Legal Fees				1,935.00	25,650.26
Management & Administration					44,404.41
10/19/2020	9214	Kamie Loeser Cons...	clerical & mgmt services	5,183.75	49,588.16
Total Management & Administration				5,183.75	49,588.16
Water Operations Mgmt.					19,912.50
Total Water Operations Mgmt.					19,912.50
Total Contract Services				7,456.25	103,965.92
OPERATING EXPENSES					127,538.58
Administration					127,153.48
Board Stipends					3,500.00
10/19/2020	9197	Kevin Phillips	Sept 2020	100.00	3,600.00
10/19/2020	9198	Matt Doyle	Sept 2020	200.00	3,800.00
10/19/2020	9199	Raymond Cooper	Sept 2020	300.00	4,100.00
Total Board Stipends				600.00	4,100.00
District Wages, Taxes, Insur.					7,313.45
Insurance					6,742.73
Total Insurance					6,742.73
Payroll Service Fees					615.25
10/13/2020		Paychex		58.00	673.25
Total Payroll Service Fees				58.00	673.25
Payroll Tax Expense					-44.53
Total Payroll Tax Expense					-44.53
Property Taxes					0.00
10/19/2020	9217	Butte County Tax C...		11.60	11.60
Total Property Taxes				11.60	11.60
Total District Wages, Taxes, Insur.				69.60	7,383.05
Fees, Dues, Memberships					11,092.26
10/19/2020	9216	Vina GSA		1,000.00	12,092.26
Total Fees, Dues, Memberships				1,000.00	12,092.26
Office Expense					3,916.58
Meals					24.64
Total Meals					24.64

Durham Irrigation District
General Ledger
As of October 31, 2020

Date	Num	Name	Memo	Paid Amount	Balance
Postage					1,800.00
10/02/2020		Postalia		150.00	1,950.00
		Total Postage		150.00	1,950.00
Software					237.50
		Total Software			237.50
Supplies					1,104.44
10/19/2020	9211	Moore Printing Com...		394.98	1,499.42
		Total Supplies		394.98	1,499.42
Website Hosting					750.00
10/19/2020	9209	Streamline		150.00	900.00
		Total Website Hosting		150.00	900.00
Office Expense - Other					0.00
10/19/2020	9218	Kamie Loeser Cons...	Staples reimb.	659.96	659.96
		Total Office Expense - Other		659.96	659.96
		Total Office Expense		1,354.94	5,271.52
Rent					4,448.06
10/19/2020	9204	Camp & McLaughlin	Oct rent	450.00	4,898.06
10/19/2020	9210	FP Mailing Solutions	equipment rent	106.02	5,004.08
		Total Rent		556.02	5,004.08
Software Fees					1,020.00
10/19/2020	9208	Sequoyah		100.00	1,120.00
		Total Software Fees		100.00	1,120.00
Supplies					17.25
		Total Supplies			17.25
Utilities					45,177.88
Garbage					973.00
10/19/2020	9207	Recology		108.43	1,081.43
		Total Garbage		108.43	1,081.43
Gas & Electric					42,017.71
10/19/2020	9206	PG & E		5,905.33	47,923.04
		Total Gas & Electric		5,905.33	47,923.04
Telephone/Internet					2,187.17
10/19/2020	9205	AT & T		254.49	2,441.66
		Total Telephone/Internet		254.49	2,441.66
		Total Utilities		6,268.25	51,446.13
Water System Maint,Repair,Repl					50,668.00
Regular Operations & Maint					15,173.88
O & M Supplies					8,975.08
10/19/2020	9200	Tozier's True Value ...	supplies	182.19	9,157.27
10/19/2020	9203	Sierra Water Utility	chlorine	1,485.98	10,643.25
10/19/2020	9203	Sierra Water Utility	Holland Pump maintenance	2,894.37	13,537.62
		Total O & M Supplies		4,562.54	13,537.62
Water Testing Fees					2,918.80
10/19/2020	9201	Basic Laboratory	colilert test/perchlorate by EPA	374.60	3,293.40
		Total Water Testing Fees		374.60	3,293.40

Durham Irrigation District
General Ledger
As of October 31, 2020

Date	Num	Name	Memo	Paid Amount	Balance
		Weed Management			2,280.00
10/19/2020	9202	JC Hernandez		1,800.00	4,080.00
		Total Weed Management		1,800.00	4,080.00
		Regular Operations & Maint - Other			1,000.00
		Total Regular Operations & Maint - Other			1,000.00
		Total Regular Operations & Maint		6,737.14	21,911.02
		Water System Repair & Repl.+			35,494.12
		Repairs			8,817.15
10/19/2020	9203	Sierra Water Utility	after hours call	125.00	8,942.15
		Total Repairs		125.00	8,942.15
		Repair Supplies			390.35
		Total Repair Supplies			390.35
		Contractor			11,361.62
		Total Contractor			11,361.62
		Water Operator			14,925.00
10/19/2020	9215	Culligan of Chico		2,500.00	17,425.00
		Total Water Operator		2,500.00	17,425.00
		Total Water System Repair & Repl.+		2,625.00	38,119.12
		Total Water System Maint,Repair,Repl		9,362.14	60,030.14
		Total Administration		19,310.95	146,464.43
		Bank Service Charges			385.10
10/02/2020		Bank Charge		189.07	574.17
		Total Bank Service Charges		189.07	574.17
		Total OPERATING EXPENSES		19,500.02	147,038.60
		NON-OPERATING REVENUE			-1.13
		Interest Income			-1.13
10/30/2020		Deposit	Deposit	-0.12	-1.25
		Total Interest Income		-0.12	-1.25
		Total NON-OPERATING REVENUE		-0.12	-1.25
		SPECIAL PROJECTS			-16,506.24
		Development Projects Income			-16,506.24
		Payments Received			-16,506.24
		Total Payments Received			-16,506.24
		Total Development Projects Income			-16,506.24
		Total SPECIAL PROJECTS			-16,506.24
		Special District Projects			6,031.73
		Expenses			6,031.73
		Agency Fees			3,109.06
		Total Agency Fees			3,109.06
		Development Project Fees			2,922.67
		Total Development Project Fees			2,922.67
		Total Expenses			6,031.73
		Total Special District Projects			6,031.73
TOTAL				0.00	0.00

Butte County

Special Districts Association

Item 1.1.a.

October 25, 2020

Durham Irrigation District
Post Office Box 98
Durham, California 95938

Dear BCSDA Member,

As we prepare the membership letter for 2020, we of course start with the letter from last year and edit as needed. This was the opening paragraph from October of 2019 "As we near the end of 2019 I think we can all agree, 2019 has been quite a year for Butte County. It has been a quiet year for the Butte County Special Districts Association as many of our members were severely impacted by the Camp Fire as well as the other challenging emergencies we have had to respond to." Well, little did we know that 2020 would top 2019! Throw in a global pandemic, a local shut down of businesses and another large area fire that devastated many of our citizens. It think it is safe to say that Butte County has weathered many storms lately.

As a Special District in Butte County, we are responsible for daily service to our communities. Water, Sewage, Fire Protection, Mosquito Abatement, Cemetery Services, Land Stewardship, and Recreation. We are essential to our Community and the support we can provide to one another is extremely valuable.

Our goal for 2020 was to hold two General Meetings of the membership. We were able to host our first in February, where we hosted Senator Nielsen who was named Special Districts Legislator of the Year. The remainder of the year has been quiet as we all juggle the constantly changing landscape that COVID has presented. Some of our agencies more affected than others. We will once again make it a goal to hold two General Meetings in the hopes that we will be able to gather soon. If you have a topic for a future general meeting, please take a few minutes to include ideas with your membership renewal.

Lastly, you will also find a ballot for nominations for the Executive Board of Directors. We meet 4 times per year and help determine content for the General Meetings and stay connected with our California Special Districts Association Liaison so we can receive consistent updates from the decision makers in Sacramento. Please take a few minutes to consider nominating someone for the board. Should we have more nominations than positions, we will send out a vote by mail ballot. Nominations are due Friday, November 20, 2020.

So long 2020!!!! We look forward to finding new ways for Special Districts in Butte County to connect and support each other as we make our way through these unprecedented times.

Sincerely,



Ann Willmann

Secretary/Treasurer Executive Board

Butte County

Special Districts Association

REQUEST FOR NOMINATIONS

Non-Enterprise Executive Board Member (2 positions)

Nominee term: January 2021 to December 2022

Name

District

Name

District

Enterprise Executive Board Member (2 positions)

Nominee term: January 2021 to December 2022

Name

District

Name

District

Signature of Chairman or District Designated Representative

Date

**Nominations must be received via U.S. Mail, Fax or email absolutely no later than
Friday, November 20, 2020**

Mail to Kelly Parsons, Durham Recreation and Park District 9447 Midway, Durham, CA. 95938

Email: kelly@durhamrec.com

Cemetery | Drainage & Sewer | Fire | Mosquito Abatement | Reclamation | Recreation | Water



GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Rec'd 10/20/20
kl

Item 1.1.b.

State Water Resources Control Board
Division of Drinking Water

OCT 08 2020

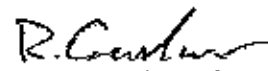
Durham Irrigation District
P.O. Box 98
Durham, CA 95938

Attention: Matt Doyle, Board President

SUBJECT: 2020 Inspection Report, Durham Irrigation District – System No. 0410003

On September 16, 2020, Paul Rowe of my staff met with Rex Munroe and Michael Butler to conduct a sanitary survey inspection of the Durham Irrigation District water system. The system appears to be capable of producing quality water for Durham community. According to the enclosed inspection report, the water system appears to be in overall good condition and well maintained. One deficiency was noted in the report and attached System Deficiency Record.

If you have any questions, please contact Paul Rowe at (530) 224-4866. You may also contact me at (530) 224-4861.


Reese B. Crenshaw, P.E.
Valley District Engineer
DRINKING WATER FIELD
OPERATIONS BRANCH

Enclosures

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

364 Knollcrest Drive, Suite 101, Redding, CA 96002 | www.waterboards.ca.gov

State Water Resources Control Board
Division of Drinking Water - Northern California FOB
Inspection Report

Purveyor Durham Irrigation District System Number 0410003
 Person(s) Contacted/Position Contract Operator, Rex Munroe, and assistant Michael Butler.
 Date of Inspection September 16, 2020 Reviewing Engineer Paul J Rowe, P.E.
 Previous Inspection May 16, 2017, by James Reade, P.E. District Engineer Reese B. Crenshaw, P.E.

A. INTRODUCTION

1. Permit Status (Date Issued/Amendment Purpose)

Full A permit was issued September 12, 1977 for the following:

Well 1 (destroyed)

Well 2 (disconnected handed over to the Dept. of Water Resources)

Well 3

Amendment(s) A permit amendment was issued December 3, 1990 for the addition of Well 4.

Another permit amendment was issued on January 18, 2001, for the addition of Well 5. A permit amendment for chlorination facilities was issued on October 24, 2012. The most recent permit amendment was issued on December 20, 2016, for lead sampling in schools.

Are the permit provisions complied with? Yes. Only the 2012 permit contains provisions.

Is the permit up to date? Yes.

List data sheets on file (permit, files, etc.) Data sheets are in the permit file.

2. Changes in System

Since last annual inspection Backflow protection was installed at Durham High School to protect from the school's irrigation well. The 30 HP pump at Well 3 was replaced with a 50 HP pump.

Planned future changes The Durham Villas subdivision (140 senior living units) will be connecting in the future, but this could be several years out.

3. Consumer and Production Data (from 2019 Annual Report)

Number of service connections 477 Number with meters 335

Approximate population served 1,561

Water produced during recent 12-month period 170.6 MG

Maximum month 26.6 MG (2020) Maximum day not reported

4. Past Water Production

Table 1 – Water Use Data

Year	Max Month MG	Max Day x1.5 gpm	Report Max Day MG	Max Day gpm	M or D	GPM PDPC	Total Conn	Meter Conn	Flat Conn	Source Capacity	Max Pop
2004	19.3	649	0.94	653	D	1.45	446	251	195	2,670	1,472
2005	21.2	712	1.18	819	M	1.54	464	290	174	2,670	1,531
2006	22.6	759	---	---	M	1.64	464	290	174	2,670	1,531
2007	22.9	769	---	---	M	1.63	473	306	167	2,670	1,561
2008	25.4	853	---	---	M	1.81	472	306	166	2,670	1,558
2009	22.5	756	---	---	M	1.60	472	---	---	2,100	1,471
2010	14.4*	484	---	---	M	1.03	472	248	223	1,900	1,471

Year	Max Month MG	Max Day x1.5 gpm	Report Max Day MG	Max Day gpm	M or D	GPM PDPC	Total Conn	Meter Conn	Flat Conn	Source Capacity	Max Pop
2011	26.2	880	1.14	792	M	1.87	471	248	243	1,900	1,558
2012	29.5	991	1.68	1,167	D	2.18	455	295	160	1,900	1,558
2013	30.4	1,022	---	---	M	2.16	473	319	154	1,900	1,561
2014	26.3	915	---	---	M	1.89	483	335	148	1,900	1,594
2015	19.6	659	---	---	M	1.36	483	340	143	2,150	1,558
2016	24.7	833	---	---	M	1.76	474	331	143	2,150	1,558
2017	27.6	929	---	---	M	1.95	476	333	143	2,150	1,558
2018	27.0	909	---	---	M	1.91	477	335	142	2,150	1,561
2019	26.6	895	---	---	M	1.88	477	335	142	2,150	1,561
5-year average =						1.77					

* The 14.4 MG value is for October 2010 as reported in the 2010 annual report. This value is probably not representative.

"—" means not reported.

Discussion and appraisal Based on data in Table 1, maximum day demand (MDD) is 1.47 MG (1,022 gpm (2013)). Because the reported source capacity is 2,150 gpm (Table 2), the requirement for source capacity to meet system demand is being met (Title 22 CCR, Section 64554(a)).

In addition to having source capacity sufficient to meet MDD, per CCR Section 64554(a)(2), Durham Irrigation District (hereinafter, District) must have storage of at least one MDD, unless the water system can demonstrate it can meet the additional MDD requirement through a combination of storage, an additional source of supply, and/or an emergency source connection. The additional MDD requirement is met via the source capacity of Wells 3, 4, & 5.

SOURCE DATA

Table 2 – Source Data

Sources	Status	Capacity	Comments
Groundwater			
Well 3	Active	600 gpm	VFD, 50 HP vertical turbine pump, water lubed. The District plans to replace all pumping components (pump, motor, discharge assembly) within the next year. According to the operator, well capacity may increase by as much as a third, or more, when pump is replaced.
Well 4	Active	450 gpm	VFD, 50 HP vertical turbine pump, oil lubed pump. Diesel fired auto start generator.
Well 5	Active	1,100 gpm	VFD, 75 HP vertical turbine pump, oil lubed. Electrical power with natural gas variable speed engine provides mechanical backup (natural gas was formerly the primary means of power).
Total		2,150 gpm	

Discussion and Appraisal: (i.e. Does source capacity comply with Waterworks Standards?)

Yes, the redundant source capacity to meet MDD is currently being met. If the larger Well 5 were to go down, Wells 3 & 4 are still able to meet the District's MDD. See discussion under Section A.4, above.

C. TREATMENT

1. Surface Water Sources None

2. Groundwater Sources

Is continuous disinfection provided? Yes; 12.5% sodium hypochlorite.

Describe facilities Blue-White peristaltic dosing pumps at all wells.

If disinfection is not provided, are provisions and connections for emergency chlorination provided per DDWEM guidelines? Not applicable.

Discussion and appraisal The Blue-White pumps have a 500-hour warning for tube change-out. A tube will occasionally rupture, in which case the chlorine solution spilling into the tube housing will sound an alarm at the pump. The chlorine pumps are inspected by an operator on a daily basis.

3. Other Treatment or Blending Facilities

Describe facilities and parameters treated/blended (i.e., iron, and manganese, fluoridation, nitrate, corrosion control, organics, etc.) There is no other treatment.

4. Describe Records Maintained of Treatment

The operator maintains regular chlorination records at each well site. Although not indicated in the onsite records, chlorine residuals are measured at both routine sample sites on a monthly basis. Chlorine residual ranged between 0.39 – 1.25 mg/L in 2019. Chlorine residuals were not measured in September, November, and December of 2019.

D. STORAGE DATA

Does storage capacity comply with Waterworks Standards? There is no storage.

Are all data sheets completed and on file? There is a data sheet on file for the 5,000-gallon pressure tank at Well 3.

Are DDWEM coating procedures adhered to? The 5,000-gallon pressure tank at Well 3 has not been recoated since it was installed in the system.

Discussion and appraisal (i.e., were reservoirs coated, cleaned and/or inspected last year? Plans for re-coatings, cleanings and/or inspections? None

E. TRANSMISSION FACILITIES

Describe transmission facilities The District's distribution system is a grid type system with no major transmission mains.

Are there low head lines? N/A

Discussion and appraisal N/A

F. DISTRIBUTION SYSTEM

1. Pressure Zones

Table 3 – Pressure Zone Data

Pressure Zone Name	Pressure Range	Water Sources	Storage Capacity	No. of Conn.
Main	45 – 60 psi	Wells 3, 4, and 5	none	All

Discussion and appraisal The water system has one pressure zone maintained by at least one pumping well. VFDs are programmed so that each pump is the lead pump at a given time each day.

2. Mains

Table 4 – Distribution System Data

Material	Amount (%)	Size	Condition	Comments
Steel	~44	4" - 6"	Poor/Fair	Old distribution system (spiral wound steel)
Cast Iron	~5	4"	Fair	Around source and storage facilities
AC	~20	4" - 6"	Good	
PVC	~31	8"	Good	New construction

3. **Discuss leak history during past 12 months (mains and connections)**
There were 4 service connection breaks/leaks in 2019. All four were repaired.
4. **Are Distribution facilities constructed in accordance with Waterworks Standards?**
The distribution system is said to be built in accordance with the California Waterworks Standards. C900 pipe is used for all new water mains.
5. **Describe water main and sewer line separation practices**
The entire community is currently served by individual septic and leach field systems, there are no sewer lines. Many water mains in the older part of town run down alleyways (behind the houses). The proximity of water mains and sewage facilities may be an issue in some areas.
6. **Extent of lead pipes, joints, and/or lead solder used in distribution system and present policy**
The water main under Florida Street has lead-oakum seals at the joints; however, the lead is not in contact with water. (Note: Oakum is a plant fiber used for packing joints.)
7. **Discussion and appraisal** Durham ID plans to eventually replace old steel mains with PVC.

G. WATER QUALITY AND MONITORING

1. **Bacteriological Monitoring**
Description of program In keeping with the Total Coliform Rule, the water system collects two routine bacteriological samples per month. Samples are rotated between 3 dedicated sampling stations.
Sampling plan approved and current (do we have a copy?) The most current sampling plan on file with the Division is dated January 2018.
Controlling factor is population or service connections? Both population and the number of service connections require 2 samples per month.
MCL violations? No. There were no routine coliform detections in the 2019.
Discussion and appraisal Raw water samples are collected quarterly from all wells. Quarterly raw water samples were all negative in 2019 except one total coliform positive in April at Well 3.
2. **Chemical Monitoring**
Description of program The District has access to chemical monitoring schedules through the Public Drinking Water Watch website.
Who collects samples? The operator.
What laboratory performs the analyses? Basic Laboratories (Redding, Chico).
Discussion and appraisal: All chemical monitoring is up to date.
3. **Other Organics**
Description of program All wells were monitored for four quarters in 2018 for 1,2,3-TCP
Discussion and appraisal 1,2,3-TCP was non-detect in all 3 wells.

4. Disinfection By-Products (DBP)

Description of program The water system has submitted a Stage 2 DBPR compliance monitoring plan dated 2015. One dual sample set is to be collected from 9490 Van Ness Way in August annually.

A dual sample set was collected from 9490 Van Ness Way on August 20, 2019.
The results were ND for both TTHM and HAA5.

Discussion and appraisal The water system ID has very low potential for creating DBPs.

5. Additional Monitoring

Description of program (Physical quality of distribution system, corrosion, lead monitoring, etc.) The water system failed to collect lead and copper samples in 2012. The Division consequently issued a citation, dated 3/2/15, requiring lead and copper sampling in 2015, 2016, and 2018, and every 3 years thereafter. Lead and copper monitoring was last performed in September 2018. The 90th percentile of 10 samples collected, resulted in no detection for lead and 247 ppb for copper.

6. Is an approved water quality monitoring plan on file? (i.e., briefly summarize plan and needed additions) Not required; number of service connections is less than 10,000.

H. OPERATION AND MAINTENANCE

1. Planning and Personnel

Are system improvements made in accordance with the Waterworks Standards?

System improvements are said to be done in accordance with the Waterworks Standards.

Does the utility have up-to-date distribution system maps? Yes. The original maps were prepared by West Yost Associates in the mid-2000s. They are currently maintained by NorthStar Engineering of Chico.

Is up-to-date copy of system map on file? Yes.

What is the minimum grade requirement? D2.

List or tabulate certified personnel Rex Munroe (D2)

2. Cross-Connection Control Program

Name of cross-connection control inspector(s) Trites Backflow Service.

Is there a copy of the cross-connection control ordinance on file? Yes, it is located in the permit file.

Discussion and appraisal The District contracts with Trites Backflow Service.

Per the electronic Annual Report (eAR), in January 2020, 20 devices were tested and four failed. The eAR never indicated whether the failed devices were repaired or replaced, nor were the District's operators able to show how these failures were addressed in 2019. Per Title 17 of the CCR, Section 7584 (e & f), the District needs to develop and maintain a record keeping system for testing and replacing or repairing backflow devices.

3. Complaints

Describe complaint program Complainants telephone the water system's office and a secretary takes the complaint and passes it on to the operators. The water system maintains records of complaints in a paper log, which is compiled once a year for the Annual Report.

Table 5 – Complaints Summary for Calendar Year 2019

Type	Number	Comments
Taste and Odor	0	
Color	0	
Turbidity	0	
Worms and Larger Organisms	0	
Pressure (High or Low)	0	
Illnesses (Waterborne)	0	
Other	0	
Total	0	

Discussion and appraisal The complaint program appears satisfactory.

4. Emergency Response

Is an up-to-date emergency notification plan on file? The most recent Emergency Notification Plan on file with the Division is dated April 2019, and is up to date.

Emergency response plan None required by the Bioterrorism Act since less than 3,300 people.

Notification of DDWEM of significant system problems The water system does not hesitate to contact DDW to discuss system problems, or if the operator has questions.

Discussion and appraisal ENP looks satisfactory

5. Main Disinfection Program

Describe main disinfection program (i.e., method, contact time, chlorine residual, bacteriological tests, records) for new and repaired mains All main repairs are said to be disinfected per the AWWA Specifications using the hypochlorite method.

Does the main disinfection program comply with AWWA specifications? Yes.

Discussion and appraisal The main disinfection program appears satisfactory.

6. Valve Maintenance Program

Describe program: Most of the valves are exercised regularly, except for a few of the old ones, which are scheduled to be replaced in the near future.

Are number and location of valves satisfactory? (i.e., mainline, ARVR, blow off valves, etc.) Reportedly, yes.

Discussion and appraisal (i.e., are valves recorded on maps available to field crews? Are all valves located with valve covers raised to grade?) All valve locations are known. More valves will be added when older system piping is replaced.

7. Flushing

Describe flushing program (i.e. dead ends, records, etc.) Flush as need.

Approximate number of dead ends 17 Percent with flushing valves All %

Discussion and appraisal The water system would like to implement an annual flushing program.

I. CLIMATE CHANGE VULNERABILITY ASSESSMENT

1. Fire

Is a Defensible Space of 100 feet (California Public Resources Code, 4291) maintained around all structures managed by this CWS?

Comment: Yes

2. Flooding

Are any of the drinking water facilities vulnerable to flooding?

Comment: Per FEMA flood maps, the system is outside of any flood zones

3. Drought

Is system prepared for drought related shortages or outages? (interties, backup supply, increased storage)

Comment: Yes, the System has redundant groundwater sources.

4. Backup Power

Is backup power available via portable generators or permanent generators?

Comment: Two out of the three wells have generators to run the well pumps.

If liquid fuel is used is it properly contained and stored away from source?

Comment: Yes

Discussion: Per the 2019 Annual Report, the system has a medium sensitivity to drought related issues, and peak demand volume surges during extreme heat.

J. OVERALL SYSTEM APPRAISAL

The water system appears to be functioning in a satisfactory manner and the operators seem to be knowledgeable and competent.

K. APPENDIX

System Deficiency Record

Report updated by: Paul J. Rowe, P.E.

Paul Rowe 9-28-2020

Signature

Date

SYSTEM DEFICIENCY RECORD

Name of System Durham Irrigation District System Number 0410003

Date Noted	Description of Defect or Hazard	Priority No.	Reported Corrected	Confirmed Corrected
2-5-15	Water system is not currently providing an MDD of storage capacity, additional source of supply, or intertie, or combination thereof. See discussion in Section A.4.			5-17-17
2-5-15	Failure to test for lead and copper.			2015
2-5-15	The water system is missing an Emergency Notification Plan, including an explanation of how customers would be notified in an emergency.			
2-5-15	Stage 2 DBPR compliance monitoring plan is not in keeping with the regulations.			2015
2-5-15	Failed to test backflow devices in 2014 (they were tested in January 2015).		Violation. Not correctable.	2016
2-5-15	Missing a copy of cross-connection control ordinance and system schematic (or map).			9-18-2015
5-16-17	Submit an updated Bacteriological Sample Siting Plan that includes all sampling sites and the sampling rotation. (DUE BY: June 30, 2017)	3		9-16-2020
5-16-17	Submit an updated Emergency Notification Plan. (DUE BY: June 30, 2017) A blank form was emailed to Kevin O'Shea.	3		9-16-2020
5-16-17	Have your laboratory EDT missing arsenic samples for Wells 4 & 5. (DUE BY: June 30, 2017)	3		9-16-2020
5-16-17	Well 03: screen AVR valve vent and submit a photo of the correction. (DUE BY: June 30, 2017)	3		9-16-2020
8-16-2020	The District needs to develop and maintain a record keeping system for testing and repairing or replacing backflow devices. Proof of record keeping system must be submitted to the Division by December 1, 2020.	2		

Priority Number

1. Serious health hazard; corrective action must be taken immediately.
2. Critical system or operational defect and/or potential health hazard; must be corrected as soon as possible.
3. System or operational defect and/or potential contamination hazards of lesser public health significance. Must be corrected as workload permits.
4. System or operational defect and/or potential health hazard - costly to correct - to be included in any long-range water improvement project.



BUTTE LOCAL AGENCY FORMATION COMMISSION

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TO: Butte County Special Districts
Butte County Special District Association

FROM: Jill Broderson, Management Analyst

SUBJECT: Election Results for Special District *Regular* "Enterprise" Member

DATE: November 10, 2020

On September 8, 2020, the Butte Local Agency Formation Commission called for nominations for a Special District *Regular* "Enterprise" Member to serve on the Commission, as the seat was most recently held by Jack Kiely from the Lake Oroville Area Public Utility District. However, Mr. Kiely resigned his position earlier this year with the District; therefore, his seat on LAFCO was vacated mid-term, with a remaining term to expire May 31, 2023.

The nomination period closed on Monday, November 9, 2020 which resulted in one nomination for Bill Sharman from the Lake Oroville Area Public Utility District. Pursuant to Government Code Section 56332(d), the candidate nominated shall be deemed selected, with no further proceedings. Mr. Sharman's new term will commence December 3, 2020 and expire in May of 2023.

Should you have any questions, please feel free to contact me at 538-7784.

cc: Butte Local Agency Formation Commission