



MINUTES

**REGULAR MEETING
OF THE BOARD OF DIRECTORS OF THE
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT**
6425 Main Street, Georgetown, California 95634

**TUESDAY, January 10, 2022
2:00 P.M.**

BOARD OF DIRECTORS

Mitch MacDonald, President
Donna Seaman, Vice President Mike Thornbrough, Treasurer
Michael Saunders, Director Robert Stovall, Director

MISSION STATEMENT

It is the purpose of the Georgetown Divide Public Utility District to:

- Provide reliable water supplies
 - Ensure high quality drinking water
 - Promote stewardship to protect community resources, public health, and quality of life
 - Provide excellent and responsive customer services through dedicated and valued staff
 - Ensure fiscal responsibility and accountability are observed by balancing immediate and long-term needs.
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1. CALL TO ORDER, ROLL CALL, AND PLEDGE OF ALLEGIANCE

President MacDonald called the meeting to order at 2:02 PM.

ROLL CALL:

DIRECTORS PRESENT: Stovall, Seaman, Thornbrough, Saunders, MacDonald

ABSENT: NONE

Director Thornbrough led in the Pledge of Allegiance.

2. ADOPTION OF AGENDA

Director Saunders motioned to approve the agenda; Director Seaman seconded the motion.

General Manager, Nicholas Schneider asked for a portion of Item 6C—Presentation to former Gerry Stewart—to be moved to after Item 4 of the Consent Calendar.

Director Saunders amended his motion to move the presentation to Mr. Stewart to follow Item 4; Director Seaman amended her second.

President MacDonald called for the vote. **MOTION PASSED UNANIMOUSLY**

3. PUBLIC FORUM

President MacDonald read the Public Forum pursuant to the Government Code Section 54954.3 (The Brown Act), then called for Public Comment.

Bonnie Neeley purported the November 8, 2022, election figures contained in the election

documents included in the December Board meeting packet did not agree with the official Election Board figures. The General Manager stated the District received these official documents from the County Registrar of Voters, but would confirm with the Registrar, and adjust the District records if necessary. Ms. Neeley suggested Director Stovall should be appointed to additional committees to represent Garden Valley.

Cherie Carlyon requested we post smaller recording files of meetings on our website. She stated the video recordings are much larger than the audio only files. She requested the MP3 audio files.

4. CONSENT CALENDAR – Any member of the public may contact a Board member prior to the meeting to request an item be pulled from the Consent Calendar

A. Approval of Minutes of Regular Meeting of December 13, 2022.

B. Consider Authorizing the District to Conduct Meetings by Teleconference during the Period February 1 – February 28, 2023 as provided by Assembly Bill 361.

Possible Action: Approve Resolution 2022-XX authorizing the District to continue teleconference meetings during the period February 1—February 28, 2023.

Director Stovall pulled Item 4A to discuss corrections to the minutes.

Director Saunders motioned to adopt Resolution 2022-xx approving the continuation of teleconferencing during the period February 1-28, 2023. Director Thornbrough seconded the motion. President MacDonald called for the vote. MOTION PASSED UNANIMOUSLY.

President MacDonald brought Item 4A for discussion. Director Stovall noted the minutes reflected the next meeting was on February 14, not January 10, 2023.

Director Stovall motioned to approve the minutes as amended; Director Seaman seconded the motion.

Public Comment: Cherie Carlyon stated there were some typos, but could not be specific.

President MacDonald called for the vote to approve the December 13, 2022 minutes with amendments. **MOTION PASSED UNANIMOUSLY.**

Presentation to former Director Gerry Stewart

Following the amended agenda, President Saunders invited former Director Gerry Stewart to receive a presentation.

Former Director Stewart was presented with a certificate of appreciation from the Board, a certificate from the staff, and a plaque for his dedication and service to the District and the community. He stated he was happy to serve on the GDPUD Board for many years, and that the current Board is one of the best he had the privilege to work with. He is confident he is leaving the District in good hands. Director Saunders indicated there will be a certificate coming from Senator Dahle expressing appreciation for his service.

5. FINANCIAL REPORTS — Up to November 30, 2022

- A. Budget to Actuals Report
- B. Pooled Cash Report
- C. Monthly Check Report
- D. Year to Date Vendor Report

Director Stovall again expressed his interest in a tutorial on Socrata when available.

Director Saunders requested a report on the Capital Improvement Plan (CIP) projects that relate to the impact of the Mosquito fire and the associated funding. Mr. Schneider indicated Staff will provide a Budget Review presentation during the next Board meeting and those issues will be addressed at that time.

PUBLIC COMMENTS:

Ms. Carlyon asked about the status of the annual audit. Mr. Schneider finalization is in progress and the staff is finalizing the remaining bits of information requested by the auditors. The CPA is Lance Soll and Lunghard, LLP, and the auditor is Maze and Associates. Cherie Carlyon asked about the status of Tyler and Ms. Buckle reported it is getting cleaned up from its implementation. Ms. Carlyon asked how the auditors can conduct a proper audit if it is not cleaned up. Mr. Schneider replied because the audit is for the last fiscal year, the auditors identified specific categories and accounts to examine. The auditor provided the District with a letter template to send to different vendors requesting specific information. Mr. Schneider further explained that Ms. Buckle has had to go through old files to get information and has done a remarkable job of organizing the information for easier access.

Ms. Carlyon asked specifically about the following checks and Ms. Buckle provided responses:

Check #	Amount	Paid to	Staff Response
34130	\$5,120	Nathan Thomas	Payment for wastewater zone quarterly report.
34150	\$2,275	Infosend, Inc.	Infosend, Inc., is the District's new billing company that will save the District about \$1200 a month.
34220	\$6,732	SearchPros, LLC	Salaries for temporary employees.

Ms. Carlyon asked who Zanjero, Inc., was and Ms. Buckle responded this is the grant writer. She also inquired about missing checks and Ms. Buckle indicated that some of these were voided checks. Ms. Buckle will look to how this can be reported more clearly in future reports.

Ms. Neely asked if Eric Tyler was an employee or a vendor. Ms. Buckle responded he is an employee and explained the Tyler accounting system requires that employees receiving reimbursements must be listed as vendors.

6. INFORMATIONAL ITEMS

A. Board Reports

Director Thornbrough reported that the El Dorado County Water Agency meeting last month was cancelled; they meet again on January 11, 2023.

B. Legislative Liaison Report

Director Saunders reported the legislative session opened on January 4, 2023. During the last week of December, he met with newly elected Senator Marie Alvarado-Gil and the Chief of Staff for Assemblyman Joe Patterson. He stated our representatives are interested in visiting and touring the District and will be setting up a meeting.

Additionally, Director Saunders reported the Regional Water Association (RWA) Executive Committee met on December 21 and authorized the RWA to sponsor legislation to improve groundwater storage.

Bills/Propositions to Watch:

- ACA 2 (Alanis R- Modesto) would require 3% of the state General fund to be appropriated to address wildfire and water supply.
- AB 62 (Mathis R- Visalia) would establish a statewide goal to achieve 4 million acre-feet of above and below ground storage as laid out in the Administration's August 2022 Water Supply Strategy

C. General Manager's Report

Mr. Schneider summarized his written report, indicating the District is continuing with the Fire

Response and monitoring any movement of debris from the area. The rains and flooding have impacted our ditches, we are ensuring the District is prepared, and doing all we can is our top priority.

Mr. Schneider added the following to his report:

- An email (attached) was received from Western Hydrologics indicating the District's refill obligation related to the water transfer sale of 2020 has been fulfilled. Mr. Schneider indicated he had reached out to the consultant for this information as Director Seaman had requested.
- During the last board meeting, Director Seaman asked about the failed notifications for the Automatic Meter Readers (AMR). Mr. Schneider reported that the District has received a 5% reduction in the project management fee (see attached) which amounts to a credit of \$9,390.30 for the contractor's failure to notify customers or send out flyers.

Director Saunders asked if the grant for the drone included training and certification. Mr. Schneider stated it may not be covered because it is an FAA certification, but this can be included in the grant application.

PUBLIC COMMENTS:

Ms. Carlyon asked what percentage of equipment costs can be covered by the grant. Mr. Schneider replied that he is not certain, but generally 75% is covered by the grant with 25% as the District's share. The District is applying for a grant amount of approximately \$650,000.

Ms. Neeley commented that the lack of notification about the new meter installations is often due to the difficulty in locating the house associated with the meter. Mr. Schneider said the contractor acknowledged their error and did what they could to correct it.

D. Operation Manager's Report

Operations Manager Adam Brown reiterated that Stumpy Meadows at capacity and currently spilling.

Mr. Brown summarized his written report with the following points

- Though there are no major issues, the gross water production for the month was down to 102 Million Gallons Per Day (MGD) from the average for this time of the year.
- Most automatic meter readers have been installed and the remaining will soon be completed.
- District crews continue to respond to impacts of the Mosquito Fire and the recent rain events as listed below. These impacts to the District's system are being closely monitored and mitigated as best as possible.
 - did some work to clear around Greenwood Lake and the Taylor Mine ditch.
 - making sure waste gates are open to allow the storm water to flow as ditches are quickly inundated during these heavy rain events.
 - repairing and monitoring landslides into canals and erosion.
 - responding to slides into the canal in different areas.
 - work at the entrance into the tunnel is successful as it is now allowing debris to flow over the top. There is considerable amount of silt in Structure 2 in the burned area.
 - responded to a landslide near Structure 5 and taking measures to limit any further erosion. Once the storms subside, the District Engineer will assess how the erosion issues can be further mitigated.

- The crew responded to a treated water line break in the middle of the night near Northside School. The crew worked hard in the cold rain at 3 AM to fix the break to keep the school open the next day.

Mr. Brown reported on the status of some of the Capital Improvement Plan (CIP) Projects:

- Work on the Auburn Lake Trails (ALT) paving project will be done during the paving season.
- The Asset Management/Work Order Software has been in the training and test phase with full implementation scheduled for January. A short demonstration of the Asset Management system is planned for a future Board meeting.

Mr. Brown provided the Water Demand Assessment Report indicating that there was a 10% reduction in gross water use over all residential areas. The District will need to continue to work on water conservation to meet the goals of the State to be eligible for state funding.

Director Seaman asked if there could be notification when there is a break in the line that there may temporarily be muddy water going to customers. Mr. Brown stated when we have a WaterSmart notification we need to include a link to a page on the website indicating the location of the break and what customers should do. However, if the customer contact information is not good, they are not going to get notification.

Director Thornbrough pointed out a low percentage of people have signed up to receive notifications. If we post it on Facebook, the customer will have to look for the information.

Director Saunders asked for reports regarding state loan payments on the automated meter report. He also noted from the Water Demand Assessment, we are going up in water usage and even though it is raining, we need to continue our water conservation efforts.

Director Saunders asked if there were any updates on the Department of Water Resources (DWR)—i.e., precipitation, snowpack surveys, etc. Nicholas Schneider said they are online; however, February is when those reports are typically passed.

Director Seaman asked if we were getting anything back for recycling the meters. Adam Brown said yes, we are guaranteed a price per pound for the brass. They should be picked up in the next couple of weeks.

PUBLIC COMMENTS:

Stephen Dowd asked about the capacity of Stumpy Meadows changing from 20,000 acre feet to 21,000. Mr. Schneider explained we did not really gain additional storage; it is the result of better technology for a more accurate calculation to 21,206-acre feet. Mr. Dowd suggested with the amount of rainfall, we should be able to use more water. Mr. Schneider explained, we are under the direction of the State, and are obligated to follow their water conservation policy.

Ms. Carlyon asked if WaterSmart segregates areas to send out messages. Mr. Brown replied yes, we can send text, email, and voice mail, and the staff asks for updated contact information. Every time Tyler is updated, it automatically updates WaterSmart.

Ms. Carlyon asked about residential lead and copper sampling. Mr. Schneider said it is a state requirement. We sample tested the water in a percentage of customer houses.

E. Water Resources Manager's Report

Water Resources Manager Alexis Elliott summarized her written report highlighting the following:

- 26 Routine Inspections
- The monthly Sanitary Sewer Overflow (SSO) – No Spill Certification was submitted

electronically to California Regional Water Quality Control Board on California Integrated Water Quality System (CIWQS) on December 1, 2022.

- This month with all the rain, we have had two spill events at Station 16 one of which required sampling.
- Our calculation is 24.12" of rainfall
- Met with Bennett Engineering to discuss Additional Dwelling Units (ADU) and possibly splitting the Wastewater Discharge Requirement (WDR) permit into two—one for the Community Disposal System (CDS) homes; and the other for non-CDS homes. We are looking at changing the existing permit to modify or possibly eliminate testing of non-CDS homes; this would involve the County with the non-CDS homes. We will not know what GDPUD's role will be until the WDR study is complete.

7. COMMITTEES

A. Finance Committee – Steve Miller, Chairman

The Committee welcomed a new member who allows for a quorum. We are still looking for additional members. The Committee reviewed the financial reports. Budget to Actuals look good for the year thus far. Mr. Miller suggested listing a "hotline" on the customer bill for them to call regarding breaks, etc. Nicholas Schneider noted we are sending out a press release to recruit Finance Committee members.

B. Irrigation Committee – Ray Griffiths, Chairman

The Committee will not meet again until February. At the last meeting in November, the committee reviewed the Irrigation Ordinance. A final review will be conducted in February to develop recommendations to the Board.

Director Seaman stated the committee needs information for the next Committee meeting to develop a recommendation to the Board about changing the irrigation season.

C. Ad Hoc Grant Writing Committee – Director Saunders

Director Saunders reported they will set up a meeting and have the grant writers present. They will set a schedule for regular meetings. Since it is an ad-hoc committee, the meetings will be by Zoom.

D. Ad Hoc Committee for Policy Manual – Director Saunders, Director Seaman

Director Saunders will schedule a meeting this month to establish a checklist and what policies we have.

E. Ad Hoc Committee for the Audit Committee – Director Saunders, Director Thornbrough.

Director Saunders stated the audit is on-going.

F. Ad Hoc Labor Negotiation Committee – Director Saunders, Director Thornbrough

8. ACTION ITEMS

A. Review Urban Water Management Plan

Possible Action: Staff Direction

Mr. Brown provided background on the Urban Water Management Plan (UWMP). Urban water suppliers are required to submit a UWMP every five years to the Department of Water Resources (DWR). The 2020 UWMP was adopted on May 11, 2021, by the Board and submitted to DWR. The District received comments from the State to correct sections of the 2020 UWMP.

Mr. Brown presented the corrections to the Board and described the public comment process prior to the submittal of the updated plan. He indicated the following revisions to the plan was necessitated by 2022 events, including drought conditions and the Mosquito Fire:

- The Stumpy Meadows Reservoir capacity was increased to 21,206 acre-feet.
- The “persons per household” was revised to 2.53 based on the 2020 Census.
- The Water Shortage Contingency Plan – Fire Mitigation addresses the Georgetown Divide fire severity and use of Board’s discretion.

As a result, the following sections of the UWMP will be revised: Sections 3.1.3, 3.4.2, 5.2, 7.0, 8.5, and 8.5.1.2.

A notification on a Public Hearing on the UWMP will be issued for the March Board meeting. A 60-day notice has already been submitted to the County. Mr. Brown stated that an approved UWMP is a requirement to receive any state funding,

Mr. Schneider indicated the State will provide the District with a new water budget target which is a different metrics. It will not be 20% as in previous years.

Director Saunders commented that the language used in the Irrigation Ordinance must match the language in the UWMP.

B. Mountain Counties Resources Association (MCWRA) Election Letter and Ballot

Possible Action: Adopt Resolution 2023-XX to Vote for Candidates

GDPUD is an Executive member of Mountain Counties Water Resources Association (MCWRA) and is entitled to vote for the MCWRA Board of Directors. There are five Director positions up for election. GDPUD must vote for five (5) MCWRA Board members.

Director Stovall motioned to adopt the resolution voting for all five candidates; Director Seaman seconded the motion. President MacDonald called for the vote. MOTION PASSED UNANIMOUSLY.

C. Sweetwater Treatment Plant (STP) Valve Mitigation Surging Issues.

Possible Action: Adopt Resolution 2023-XX approving additional CIP cost

Mr. Brown reported that the Sweetwater Treatment Plant utilizes three lift pumps to pump treated water approximately 1.2 miles to Angel Camp Tank at an elevation difference of 250 feet. The pumping operation and elevation change cause pressure swings ranging from 40 to 60 pounds per square inch (psi) resulting in stress on District facilities. To mitigate these pressure fluctuations District staff has made operational changes, however, the existing equipment does not allow for additional adjustment.

The solution is to install pump control valves to open and close the pumps slowly to mitigate the pressure fluctuations. It is a two-step process: 1) install the valves; 2) have Variable Frequency Drive (VFD) motors installed. Budget constraints prohibited installation originally. Working with Bennett Engineering for the best solution, Staff recommended installing the valves now and every year installing one of the motors.

Dave Harden from Bennett Engineering noted the VFD would help extend the life of the motors and give operational flexibility.

Director Saunders motioned to adopt the resolution approving the additional CIP costs; Director Seaman seconded the motion. President MacDonald called for a vote. MOTION PASSED UNANIMOUSLY.

D. Review Options for Kelsey School Seasonal Water Use

Possible Action: Staff Direction

Mr. Schneider reported that Karen Bartholomew, on behalf of Kelsey School, appeared before the Board at the last meeting. Unfortunately, he stated, there is not much the District can do. However, Staff has discussed the following potential options for rate reduction for the Kelsey school:

Option A — As a 501(c)3 Nonprofit the District would allow Kelsey School qualification for the Low-income Rate Assistance Program (LIRA) which allows a 25% discount on the Base Service Charge for a single facility.

Option B – The Kelsey Community Association could apply for the Low Income Household Water Assistance Program (LIHWAP) program through El Dorado County, this would provide payment of the bill for a limited time.

Option C — The District would pull the Kelsey School meter for the non-use months and re-install it during the operational season.

President MacDonald asked if Option A was setting a precedence. The general manager affirmed this, adding the language in the District policy for the LIHWAP does not provide for associations or groups.

Director Seaman noted it would set a precedence for any non-profit. Another option, they could apply for assistance from the El Dorado County Community Foundation.

Director Thornbrough questioned the \$285 re-installation fee. He understood it to be \$125 or \$150 to re-install a meter. Replacing a meter does not reflect how much the meter costs, it is how much it costs to put the meter in. The customer is not paying for the meter.

Ms. Buckle stated she recently attended a meeting updating the LIHWA and learned the program has been changed to include an arrearage program as well as a “paid for” program.

Mr. Schneider indicated he checked the cost of re-installation according to our June meeting; the new charge is \$285. To make a new meter it would be the installation fee of \$285, plus the new meter. Director Thornbrough requested further verification.

Mr. Schneider suggested tabling the discussion until the fee charges could be clarified.

Director Thornbrough motioned to table the discussion; Director Stovall seconded the motion. President MacDonald called for the vote with Director Seaman voting no. MOTIONED PASSED 4 to 1.

Public Comments: Ms. Carlyon noted the Board would need to change the policy for the LIRA program if they approved Option A for a non-profit.

9. PUBLIC HEARING

Second Reading of Ordinance 2023-01, Amending and Replacing Ordinance 2015-02, Theft of Water and Tampering with District Facilities.

Possible Action: Adopt Ordinance 2023-01

Nicholas Schneider reported the first reading was at the last Board meeting. He waived the public reading as it is a lengthy document. Major changes are related to fees as a result of California Senate Bill 427 passed in the 2021-2022 legislative cycle allowing the fees to be raised. It is to discourage water theft.

The major changes come Section 3, sub-section B 1, 2, and 3 change the fee structure to increase in fines involving water theft. The first offense for tampering with the meter would be a \$130 fine; second offense within a twelve-month period is a \$700 fine; third and any

subsequent tampering offense within a twelve-month period would be \$1,300 and every violation thereafter.

Section 3C is for meter tampering. For a water theft portion that does not involve meter tampering. The first offense \$1,000; second offense \$2,000, for a third and subsequent offense the fine is \$3,000 and every violation there after within a twelve-month period. These numbers are directly out of the Senate bill.

Director Stovall asked if we had a fine for meter tampering now. Mr. Schneider said yes, this ordinance brings our fine schedule in line with SB427. It is not retroactive and will not go into effect for 30 days after today.

The Public Hearing was opened at 4:44PM

Public Comments:

Mr. Dowd asked if anyone could bypass a meter.

Ms. Carlyon asked if the District could determine if a meter had been tampered with. Mr. Schneider stated it would show in the bills, and WaterSmart could do spot checks.

The Public Hearing was closed at 4:45PM

Director Saunders motioned to adopt Ordinance 2023-01; Director Thornbrough seconded the motion.

Roll Call Vote:

Ayes: Stovall, Seaman, Thornbrough, Saunders, MacDonald

Nays: None

Absent/Abstain: None

MOTION PASSED UNANMOUSLY.

10. BOARD MEMBER REQUESTS FOR ADDITIONS TO FUTURE MEETING AGENDAS AND REQUESTS FOR INFORMATION OR RESEARCH TO BE COMPLETED BY STAFF

Opportunity for Board members to discuss matters of interest to them and provide input for future meetings as well as report on their District-related meeting attendance.

Director Stovall recommended revising the leakage consideration policy. His recommendations were referred to the Policy Committee.

Director Saunders continuing the drought water conservation efforts to go to the schools with a competition to name the mascot.

President MacDonald adjourned the meeting to closed session.

11. CLOSED SESSION – Potential Litigation

GOV. Code § 54956.9(a) Pending Litigation regarding Mosquito Fire.

GOV. Code § 54956.9(a) Pending Litigation Craig v. GDPUD

President MacDonald called the meeting back to open session at 5:15 PM, and indicated there was no report out of closed session.

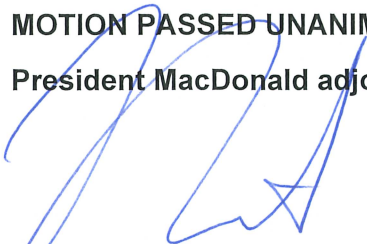
12. NEXT MEETING DATE AND ADJOURNMENT

The next Regular Meeting will be February 14, 2023, at 2:00 P.M., at the Georgetown Divide Public Utility District, 6425 Main Street, Georgetown, California 95634.

Director Thornbrough motioned the Board meeting be adjourned, Director Seaman seconded the motion, President MacDonald called for the vote.

MOTION PASSED UNANIMOUSLY.

President MacDonald adjourned the meeting at 5:16 PM.



Nicholas Schneider, General Manager



Date

Nicholas Schneider

Sent: Tuesday, January 10, 2023 11:37 AM
Subject: Corrected GDPUD Refill Accounting - Stumpy Meadows
Attachments: RE: CORRECTION - December 2022 Refill Accounting Data

Date	Delta Condition on OCO Report¹	Delta Condition per Refill Agreement²	Excess American River Releases
12/1/2022	B	B	N
12/2/2022	B	B	N
12/3/2022	B	B	N
12/4/2022	B	B	N
12/5/2022	B	B	N
12/6/2022	B	B	N
12/7/2022	B	B	N
12/8/2022	B	B	N
12/9/2022	B	B	N
12/10/2022	B	B	N
12/11/2022	B	B	N
12/12/2022	B	B	N
12/13/2022	B	B	N
12/14/2022	B	B	N
12/15/2022	B	B	N
12/16/2022	B	B	N
12/17/2022	B	B	N
12/18/2022	B	B	N
12/19/2022	B	B	N
12/20/2022	B	B	N

12/21/2022	B	B	N
12/22/2022	B	B	N
12/23/2022	B	B	N
12/24/2022	B	B	N
12/25/2022	B	B	N
12/26/2022	B	B	N
12/27/2022	R (E/1)	E	N
12/28/2022	R (E/1)	E	N
12/29/2022	R (E/1)	E	y
12/30/2022	R (E/1)	E	y
12/31/2022	R (E/1)	E	y

1: As found on Delta OCO website: <https://cwc.ca.gov/-/media/DWR-Website/Web-Pages/Programs/State-Water-Project/Operations-And-Maintenance/Files/Operations-Control-Office/Delta-Status-And-Operations/Delta-Hydrologic-Conditions-Daily-Summary.pdf>

2: Restricted conditions for fish concerns are considered Excess for the agreement.

Since January 1, Stumpy Meadows has been spilling, the American River has been in excess, and the Delta has been in excess. Stumpy Meadows has been refilled without impact and the refill obligation has been satisfied.

Jeffrey K. Meyer, P.E.
Western Hydrologics

Nicholas Schneider

From: Adam Brown
Sent: Tuesday, January 10, 2023 11:39 AM
To: Nicholas Schneider
Subject: FW: Notification Deduct change

FYI...

Per our conversation we will deduct 5% from the Management fee for the accounts that did not receive their Notification.

	Percentage	Management Fee	Deduction
Notifications Deduct (5% Management)	5.00%	\$187,806.00	\$9,390.30
Total			\$9,390.30

I will work with Russell to process a revision to deduct this amount from the Contract.

Wes Hughes P.E.
Western Region Installation Manager
Ferguson Meter and Automation
Ferguson Waterworks