



## **CITY OF ROLLINGWOOD CITY COUNCIL MEETING AGENDA**

**Wednesday, December 20, 2023**

Notice is hereby given that the City Council of the City of Rollingwood, Texas will hold a meeting, open to the public, in the Municipal Building at 403 Nixon Drive in Rollingwood, Texas on December 20, 2023 at 7:00 PM. Members of the public and the City Council may participate in the meeting virtually, as long as a quorum of the City Council and the presiding officer are physically present at the Municipal Building, in accordance with the Texas Open Meetings Act. The public may watch this meeting live and have the opportunity to comment via audio devices at the link below. The public may also participate in this meeting by dialing one of the toll-free numbers below and entering the meeting ID and Passcode.

**Link:** <https://us02web.zoom.us/j/5307372193?pwd=QmNUbmZBQ1lwUINjNmK5RnJreIRFUT09>

**Toll-Free Numbers:** (833) 548-0276 or (833) 548-0282

**Meeting ID:** 530 737 2193

**Password:** 9fryms

The public will be permitted to offer public comments via their audio devices when logged in to the meeting or telephonically by calling in as provided by the agenda and as permitted by the presiding officer during the meeting. If a member of the public is having difficulties accessing the public meeting, they can contact the city at [dadair@rollingwoodtx.gov](mailto:dadair@rollingwoodtx.gov). Written questions or comments may be submitted up to two hours before the meeting. A video recording of the meeting will be made and will be posted to the City's website and available to the public in accordance with the Texas Public Information Act upon written request.

### **CALL REGULAR CITY COUNCIL MEETING TO ORDER**

1. Roll Call

### **PUBLIC COMMENTS**

Citizens wishing to address the City Council for items not on the agenda will be received at this time. Please limit comments to 3 minutes. In accordance with the Open Meetings Act, the City Council is restricted from discussing or taking action on items not listed on the agenda.

Citizens who wish to address the Council with regard to matters on the agenda will be received at the time the item is considered.

### **PUBLIC HEARING**

2. Public hearing, discussion and possible action on a resolution authorizing funding for a park improvement project in Rollingwood Park for retaining wall improvements that will enhance recreational and community facilities, pursuant to Texas Local Gov't Code Section 505.152

### **CONSENT AGENDA**

All Consent Agenda items listed are considered to be routine by the City Council and may be enacted by one (1) motion. There will be no separate discussion of Consent Agenda items unless a City Council Member has requested that the item be discussed, in which case the item will be removed from the Consent Agenda and considered in its normal sequence on the Regular Agenda.

3. Discussion and possible action on the minutes from the November 15, 2023 City Council meeting
4. Discussion and possible action to amend the City's Code of Ordinances in Sections 103-43, 103-86, and 103-88 to include sport courts

### **REGULAR AGENDA**

5. Discussion and possible action on a report from ATS regarding the completed Control Network Survey
6. Discussion and possible action on an agreement with Ameresco for the implementation of a city-wide AMI/meter replacement project and to authorize the City Administrator to execute all documents related thereto on behalf of the City of Rollingwood
7. Discussion and possible action on a resolution regarding a contract for the purpose of financing a water meter project
8. Discussion and possible action regarding conditions of use including noise, parking, and lighting associated with residential tennis, pickleball or other sport courts
9. Discussion and possible action to address pickleball league operations within residential zone
10. Update on the structure fire investigation and fire hydrant reflector placement
11. Appointment of members of City Council and the Mayor to serve as Council liaisons for Police and Courts, Utility Commission, Streets and Roadways, Park Commission, Personnel, Budget, Planning and Zoning Commission, Board of Adjustment, and the Rollingwood Community Development Corporation
12. Discussion and possible action regarding terms of service limitation extensions for board and commission members
13. Discussion and possible action to reappoint board and commission members whose terms are expiring for an additional two year term
14. Discussion and possible action on a resolution approving a budget amendment for the Rollingwood Community Development Corporation, Rollingwood, Texas, for the fiscal year beginning October 1, 2023, and ending September 30, 2024 for future park improvement projects
15. Report from staff on the status of legal action to trademark the Rollingwood logos

- [16.](#) Discussion and possible action on proposed amendments to the City's Code of Ordinances relating to the Park Commission
- [17.](#) Discussion and possible action on a recommendation from the Utility Commission regarding amendments to the Utility Bill Appeals Policy
18. Discussion and possible action regarding improvements to the sound and video quality of on-line and recorded city open meetings
19. Report from staff on the status of the Google Fiber install and coordination with Water Line Project
20. Report from staff regarding the input from Innovative Water Solutions regarding mitigation of runoff from upper park areas and related proposals

## **REPORTS**

All reports are posted to inform the public. No discussion or action will take place on items not on the regular or consent agenda.

- [21.](#) City Administrator's Report
- [22.](#) Chief of Police Report
- [23.](#) Municipal Court Report
- [24.](#) City Financials for November 2023- Fiscal Year 2023-2024
- [25.](#) RCDC Financials for November 2023 - Fiscal Year 2023-2024
- [26.](#) Contract Invoices through November 2023 - Crossroads Utility Services, Water and Wastewater Service, K. Friese + Associates, City Engineer
- [27.](#) Crossroads Utility Services Report on Water and Wastewater for November 2023
- [28.](#) City Engineer Report - K. Friese + Associates
- [29.](#) Texas Central Appraisal District and Tax Assessor - Notices, Letters, Documents
- [30.](#) Texas Gas Services - Notices, Letters, Documents

## **ADJOURNMENT OF MEETING**

### **CERTIFICATION OF POSTING**

I hereby certify that the above Notice of Meeting was posted on the bulletin board at the Rollingwood Municipal Building, in Rollingwood, Texas and to the City website at [www.rollingwoodtx.gov](http://www.rollingwoodtx.gov) at **5:00 PM** on **December 15, 2023**.

*Desiree Adair* \_\_\_\_\_

Desiree Adair, City Secretary

NOTICE -

The City of Rollingwood is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please contact the City Secretary, at (512) 327-1838 for information. Hearing-impaired or speech-disabled persons equipped with telecommunication devices for the deaf may call (512) 272-9116 or may utilize the stateside Relay Texas Program at 1-800-735-2988.

The City Council will announce that it will go into executive session, if necessary, to deliberate any matter listed on this agenda for which an exception to open meetings requirements permits such closed deliberation, including but not limited to consultation with the city's attorney(s) pursuant to Texas Government Code section 551.071, as announced at the time of the closed session.

Consultation with legal counsel pursuant to section 551.071 of the Texas Government Code;  
discussion of personnel matters pursuant to section 551.074 of the Texas Government Code;  
real estate acquisition pursuant to section 551.072 of the Texas Government Code;  
prospective gifts pursuant to section 551.073 of the Texas Government Code;  
security personnel and device pursuant to section 551.076 of the Texas Government Code;  
and/or economic development pursuant to section 551.087 of the Texas Government Code.  
Action, if any, will be taken in open session.

# AGENDA ITEM SUMMARY SHEET

## City of Rollingwood

**Meeting Date: December 20, 2023**

**Submitted By:**

Staff

**Agenda Item:**

Public hearing, discussion and possible action on a resolution authorizing funding for a park improvement project in Rollingwood Park for retaining wall improvements that will enhance recreational and community facilities, pursuant to Texas Local Gov't Code Section 505.152

**Description:**

At the September RCDC Meeting, the RCDC discussed a recommendation from the Park Commission regarding a retaining wall in the upper park near the field house. RCDC discussed their intent to fund this item, and at their November RCDC Meeting, they passed a resolution approving this as a project.

The City Council must approve all expenditures of the RCDC.

**Action Requested:**

Take action on a resolution authorizing funding for a park improvement project in Rollingwood Park for retaining wall improvements that will enhance recreational and community facilities, pursuant to Texas Local Gov't Code Section 505.152

**Fiscal Impacts:**

RCDC has approved funding \$31,000 for this item if the City Council approves the project and moves forward with the construction of the retaining wall.

**Attachments:**

Draft Resolution 2023-12-20-02

**RESOLUTION NO. 2023-12-20-02**

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**A RESOLUTION OF THE CITY COUNCIL OF ROLLINGWOOD, TEXAS AUTHORIZING ELIGIBLE EXPENDITURES OF THE ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION AS A PROJECT PROMOTING OR EXPANDING NEW BUSINESS DEVELOPMENT BY EXHANCING RECREATIONAL AND COMMUNITY FACILITIES UNDER SECTION 505.152 OF THE TEXAS LOCAL GOVERNMENT CODE; MAKING CERTAIN FINDINGS REGARDING ELIGIBLE EXPENDITURES; AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, the Rollingwood Community Development Corporation (RCDC) is a Type B Texas Economic Development Corporation operating under the Chapters 501, 502 and 505 of the Texas Local Government Code and Chapter 22 of the Texas Business Organizations Code; and

**WHEREAS**, the RCDC, after holding a public hearing, considered and approved the expenditure of funds for the Park Improvement project for Rollingwood Park for retaining wall improvements that will enhance the recreational and community facilities available and will enhance the quality of life at their meeting on November 13, 2023; and

**WHEREAS**, the RCDC has determined that the expenditure of those funds are for an eligible project consistent with the definition of “project” as that terms is defined in Chapter 501 and 505 of the Texas Local Government Code, and in particular Section 505.152 of the Texas Local Government Code; and the definition of “cost” as that term is defined by Section 501.152 of the Texas Local Government Code; and

**WHEREAS**, the RCDC requests that the City Council pass a Resolution authorizing the proposed expenditures as required by Tex. Loc. Gov’t Code section 501.073.

**NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROLLINGWOOD:**

**Section 1.** That the foregoing recitals are hereby found to be true and correct findings of the City Council of Rollingwood and are fully incorporated into the body of this Resolution.

**Section 2.** That the City Council of the City of Rollingwood finds and determines that the expenditures of funds in an amount not to exceed Thirty-One Thousand DOLLARS and No/100 Dollars (\$31,000.00) for the Park Improvement Project in Rollingwood Park for retaining wall improvements will enhance recreational and community facilities and will enhance the quality of life in the City, is an authorized project and is consistent with Section 505.152 of the Act, as approved by RCDC in November, 2023.

**Section 3.** That the City Council hereby affirms the RCDC action taken, after holding a public hearing, authorizing the projects and expenditures and authorizes the Mayor to execute this Resolution.

47            **Section 4.**    The City Council affirms, pursuant to Local Government Code Section  
 48 505.160, that the voters of the City of Rollingwood have previously approved the undertaking of  
 49 this general type of project at an election ordered for that purpose.  
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51            **Section 5.**    The City Council affirms that the project should not be undertaken until and  
 52 upon the adoption of this resolution pursuant to Local Government Code Section 501.073.  
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54            **Section 6.**    It is officially found, determined, and declared that the meeting at which  
 55 this Resolution is adopted was open to the public and public notice of the time, place, and subject  
 56 matter of the public business to be considered at such meeting, including this Resolution, was  
 57 given, all as required by Chapter 551, Texas Government Code, as amended.  
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59            **Section 7.**    This Resolution shall be in force and effect from and after its passage and it  
 60 is so resolved.  
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62            **PASSED, APPROVED AND DULY RESOLVED** by the City Council of Rollingwood  
 63 on this the 20<sup>th</sup> day of December, 2023.  
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 Gavin Massingill, Mayor

70 **ATTEST:**

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 74 Desiree Adair, City Secretary  
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**ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION  
RESOLUTION NO. 2023-11-13-04**

**A RESOLUTION OF THE ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION, OF ROLLINGWOOD, TEXAS APPROVING AND AUTHORIZING FUNDING FOR A PARK IMPROVEMENT PROJECT IN ROLLINGWOOD PARK FOR RETAINING WALL IMPROVEMENTS, AND OTHER MATTERS IN CONNECTION THEREWITH**

**WHEREAS**, Rollingwood Community Development Corporation ("RCDC") is a non-profit development corporation duly established under the Development Corporation Act of 1979, as amended (Section 501.001 et seq. Texas Local Government Code, formerly the Development Corporation Act of 1979) (the "Act"); and

**WHEREAS**, according to the Act, the authorizing unit for the RCDC shall mean the City of Rollingwood City Council ("City Council"); and

**WHEREAS**, all of the powers of the RCDC are vested in the RCDC Board of Directors (the "Board") appointed by the City Council; and

**WHEREAS**, Section 501.073 of the Act requires the City Council to approve all programs and expenditures; and

**WHEREAS**, the RCDC, after holding a public hearing, considered and approved the expenditure of funds for a Park Improvement project for Rollingwood Park for retaining wall improvements that will enhance the recreational and community facilities available and will enhance the quality of life; and

**WHEREAS**, the RCDC has determined that the expenditure of those funds are for an eligible project consistent with the definition of "project" as that term is defined in Chapter 501 and 505 of the Texas Local Government Code, and in particular Section 505.152 of the Texas Local Government Code; and the definition of "cost" as that term is defined by Section 501.152 of the Texas Local Government Code.

**NOW, THEREFORE BE IT RESOLVED BY THE BOARD DIRECTORS OF THE ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION THAT:**

**Section 1.** That the foregoing recitals are hereby found to be true and correct findings of the RCDC Board of Directors and are fully incorporated into the body of this Resolution.

**Section 2.** That the RCDC Board of Directors finds and determines that the expenditure of funds in an amount not to exceed **Thirty-One Thousand DOLLARS and No/100 Dollars (\$31,000.00)** for the Park Improvement project in Rollingwood Park for retaining wall improvements will enhance recreational and community facilities and will enhance the quality of life within the City of Rollingwood, Texas, is an authorized project and is consistent with Section



505.152 of the Act.

**Section 3.** That the RCDC Board of Directors authorizes the projects and expenditures, subject to Council approval, and authorizes the President to execute this Resolution.

**Section 4.** The RCDC Board of Directors affirms, pursuant to Local Government Code Section 505.160, that the voters of the City of Rollingwood have previously approved the undertaking of this general type of project at an election ordered for that purpose.

**Section 5.** All resolutions, or parts thereof, which are in conflict or inconsistent with any provision of this Resolution are hereby repealed to the extent of such conflict, and the provisions of this Resolution shall be and remain controlling as to the matters resolved herein.

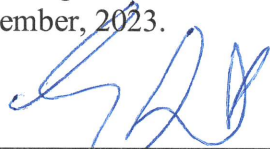
**Section 6.** This Resolution shall be construed and enforced in accordance with the laws of the State of Texas and the United States of America.

**Section 7.** If any provision of this Resolution or the application thereof to any person or circumstance shall be held to be invalid, the remainder of this Resolution and the application of such provision to other persons and circumstances shall nevertheless be valid, and the Board hereby declares that this Resolution would have been enacted without such invalid provision.

**Section 8.** It is officially found, determined, and declared that the meeting at which this Resolution is adopted was open to the public and public notice of the time, place, and subject matter of the public business to be considered at such meeting, including this Resolution, was given, all as required by Chapter 551, Texas Government Code, as amended.

**Section 9.** This Resolution shall be in force and effect from and after its passage, and it is so resolved.

**PASSED AND APPROVED** by the Rollingwood Community Development Corporation Board of Directors on this the 11th day of November, 2023.

  
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Emily Doran, President

**ATTEST:**  
  
  
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Pat Sheehan, RCDC Board Secretary



## **CITY OF ROLLINGWOOD CITY COUNCIL MEETING MINUTES**

**Wednesday, November 15, 2023**

The City Council of the City of Rollingwood, Texas held a meeting, open to the public, in the Municipal Building at 403 Nixon Drive in Rollingwood, Texas on November 15, 2023. Members of the public and the City Council were able to participate in the meeting virtually, as long as a quorum of the City Council and the presiding officer were physically present at the Municipal Building, in accordance with the Texas Open Meetings Act. A video recording of the meeting was made and will be posted to the City's website and available to the public in accordance with the Texas Public Information Act upon written request.

### **CALL REGULAR CITY COUNCIL MEETING TO ORDER**

1. Roll Call

**Mayor Gavin Massingill called the meeting to order at 7:01 p.m.**

**Present Members:** Mayor Gavin Massingill, Council Member Phil McDuffee, Council Member Kevin Glasheen, Council Member Alec Robinson. Council Member Brook Brown and Mayor Pro Tem Sara Hutson (virtually)

**Also Present:** City Administrator Ashley Wayman, City Attorney Charles Zech, City Secretary Desiree Adair, Development Services Manager Nikki Stautzenberger, and Police Chief Kristal Muñoz

### **SWEARING IN CEREMONY OF ELECTED OFFICIALS**

2. Swearing-in ceremony of newly elected officials: Council Member Brook Brown, Council Member Phil McDuffee and Council Member Alec Robinson

Municipal Judge Sarah Teten swore in Alec Robinson, Brook Brown, and Phil McDuffee as Council Members.

Mayor Gavin Massingill thanked Judge Teten for her service as municipal judge.

Shanthi Jayakumar, 3309 Park Hills Drive, discussed the annual tradition of swearing in ceremonies for elected positions of the City. She thanked the council members for their service. She discussed the very first election of the Village of Rollingwood in 1955 when the voters elected the Mayor, five Aldermen, and the Sherriff. Please see attachment A for Ms. Jayakumar's complete comments.

### **PUBLIC COMMENTS**

The following individuals spoke during public comments:

- Amie Rodnick, 3017 Hatley Drive, thanked the council members for serving on the Council and spoke regarding gas powered leaf blowers. She discussed the ability of cities to regulate noise and incentivize electric or battery powered landscaping equipment.

**PUBLIC HEARING**

- 3. Public Hearing, discussion and possible action regarding an amendment to the City’s Code of Ordinances related to sport courts

Mayor Gavin Massingill clarified the difference between agenda items 3 and 15. Item 3 is a definitional change and Item 15 is a regulatory discussion.

**Mayor Gavin Massingill opened the public hearing at 7:17 p.m.**

No individuals spoke during the public hearing.

**Mayor Gavin Massingill closed the public hearing at 7:17 p.m.**

**Council Member Brook Brown moved to adopt ordinance 2023-11-15-03. Council Member Phil McDuffee seconded the motion.**

Council Member Brook Brown discussed the definition of the word “tennis” and other appearances of that term in Sections 103-43, 103-86, and 103-88 of the Code.

Mayor Gavin Massingill stated that we will bring this back.

**The motion carried with 5 in favor and 0 against.**

**CONSENT AGENDA**

- 4. Discussion and possible action on the minutes from the October 18, 2023 City Council meeting
- 5. Discussion and possible action on the minutes from the November 6, 2023 Special City Council meeting
- 6. Discussion and possible action on a resolution approving the Travis County Hazard Mitigation Plan Update

**Council Member Alec Robinson moved to approve the Consent Agenda. Council Member Brook Brown seconded the motion. The motion carried with 5 in favor and 0 against.**

**REGULAR AGENDA**

- 7. Nomination and election of the Mayor Pro Tempore for a term of one year and to perform the duties of the Mayor in the Mayor's absence

**Council Member Brook Brown moved to elect Sara Hutson as Mayor Pro Tem. Council Member Phil McDuffee seconded the motion. The motion carried with 4 in favor and 0 against with 1 abstention (Hutson).**

- 8. Update on Water CIP Packages 1-4 and Drainage Projects

Mayor Gavin Massingill discussed that the City Council selected AO Services as contractor at the Special Council Meeting for the Water CIP and drainage projects.

Greg Blackburn, of K Friese + Associates, explained that AO Services is assembling contract documents, and then the City will execute. There should be a pre-construction meeting in December. K Friese + Associates has been discussing phases with AO Services and they have discussed construction oversight services with Mr. Dial.

- 9. Update and discussion on a memo from K. Friese and Associates regarding how as-builts from the Water CIP Packages 1-4 will be shared with the city for inclusion on the city's GIS map

Mr. Blackburn discussed the memo that includes deliverables owed to the City throughout the project. They have updated plans, submitted contract documents and CAD files. During construction, AO Services will keep track of plan changes in the field (redlines). They will submit these plan changes with each monthly pay application. At the end of construction, K Friese + Associates will submit final record drawings and final CAD drawings as well. The CAD files can be converted to GIS.

- 10. Update, discussion and possible action on the Pickwick Lane Structure Fire and response

Chief Kristal Muñoz reported that Rollingwood Police Department first responded to the scene, then a West Lake Hills officer, and Austin Fire Department and ESD no. 9 also responded. Austin PD and Constable's Unit 3 assisted. Additional emergency services were called in and Rollingwood Police Department provided traffic control and evacuations. Rollingwood Police Department debriefed City officials and Fire Department personnel.

Mayor Gavin Massingill thanked our Rollingwood Police Department and first responders of ESD no. 9. Mr. Massingill also thanked the Public Works Department for their work with water pressure and directing traffic.

Chief Muñoz thanked the residents for cooperating and reported that the fire is still under investigation with the point of contact being the Fire Marshall.

City Administrator Ashley Wayman stated that the response could have been quicker if a fire department response from the City Hall facility could have occurred. This is relevant for our future facilities discussion.

Greg Blackburn discussed the increase of the fire flow ability on Pickwick with the Water CIP project. He discussed issues with the low and high pressure planes. K Friese + Associates is looking at additional connections to nearby water supplies.

Mayor Gavin Massingill stated that K Friese + Associates and Crossroads are currently doing some hydrant flow testing and a 5-year hydrant pressure check has been added to the operations chart.

**Council Member Brook Brown moved to approve giving the Mayor authority to proceed with plans for a fire hydrant flow test in an amount not to exceed \$15,000. Council Member Kevin Glasheen seconded the motion. The motion carried with 5 in favor and 0 against.**

- 11. Report from staff on the status of the Google Fiber install and coordination with Water Line Project

City Administrator Ashley Wayman discussed that Google Fiber has reached out to us regarding our permitting process for their projects, the City has met with K Friese + Associates to obtain answers for the City and Google Fiber. Google Fiber will coordinate with K Friese + associates for the correct phasing with the Water project.

*Mayor Gavin Massingill called up item 15 at this time.*

- 12. Discussion and possible action on a professional services agreement with Univista, LLC for information technology services

City Administrator Ashley Wayman discussed the previously approved proposal from UniVista.

Council Member Brook Brown discussed improving the audio-visual meeting technology.

*Mayor Gavin Massingill pulled up item 17 concurrently.*

City Administrator Ashley Wayman mentioned that currently our audio visual is not supported by our current IT company.

Robert Echols, of UniVista, spoke regarding Council Member Brook Brown’s concerns about the infrastructure. He would like to bring some examples from other cities forward. They will look to improve access and quality.

*Mayor Gavin Massingill closed item 17 at 8:52 p.m.*

Mr. Echols described the reduction in cost from the original proposal by making use of current infrastructure and keeping the equipment scalable and movable. He discussed moving forward with the agreement and getting ready to go, and explained that billing will not start until the infrastructure is in place and running. There will be about 5 phases.

City Administrator Ashley Wayman discussed what is requested from City Council – approval of the onetime migration and equipment cost and authorization to move forward in an agreement with UniVista for information technology services.

The City Council discussed the cost of the equipment and methods of financing.

**Council Member Brook Brown moved to approve authorizing the City Administrator to enter into an agreement with UniVista LLC for (1) PC and network equipment replacements, SharePoint and Azure migration, Microsoft government cloud and telephones on a phase with payment not to exceed \$115,000 billed to the City on a phase basis as those services are provided, and (2) authorize the City Administrator to enter into an agreement with UniVista LLC for comprehensive Information Technology services at a price of \$4,740 a month. Council Member Phil McDuffee seconded the motion. The motion carried with 5 in favor and 0 against.**

- 13. Report from staff on the status of the ATS Control Network Survey project

City Administrator Ashley Wayman discussed the status of the ATS Control Network Survey project and the expectation of bringing this item back at the next City Council meeting.

14. Discussion and possible action to clarify the policy for leasing fields 3,4, and 5 and fields 1 and 2 to I9 Sports

Council Member Kevin Glasheen discussed I9 using fields and the prior notice required.

City Administrator Ashley Wayman explained the clarification needed from City Council.

Council Member Kevin Glasheen spoke regarding the Park Commission and their discussion of the use of fields for I9. They would like accommodation for I9 when using the fields infrequently.

Council Member Phil McDuffee discussed the usage of fields 1 and 2 as opposed to fields 3, 4 and 5 in the past few weeks. He would like to make it clear that fields 1 and 2 are available, and fields 3, 4 and 5 are not.

Council Member Alec Robinson stated that I9 does not use the fields often.

City Council discussed I9’s use of the fields, the Park deed requiring the use of youth sports, and the pricing structure of leasing the fields.

**Council Member Phil McDuffee moved to restrict I9 to fields 1 and 2. The motion failed for lack of a second.**

**Council Member Kevin Glasheen moved to clarify the policy that we adopted last Council meeting by saying that I9 is restricted to fields 1 and 2, but that if they need relief from that restriction for an event that they can ask the Council to give them permission for an event. Council Member Phil McDuffee seconded the motion. The motion carried with 4 in favor and 1 against (Robinson).**

15. Discussion and possible action to make a recommendation that the Planning and Zoning Commission review and recommend conditions of use (including noise, parking, lighting, etc.) associated with residential tennis, pickleball or other sport courts

Council Member Brook Brown discussed how Mr. Harris brought this matter to the last Planning and Zoning Commission meeting. City Council may refer this to Planning and Zoning; however, Ms. Brown thinks the City Council can discuss noise regulation, light regulation, and parking outside of the zoning code.

The City Council discussed what expected residential use should be.

Glen Harris, 3012 Hatley Drive, stated that he is not trying to stop pickleball play in Rollingwood. He is looking to strike a balance between homeowners’ rights and neighbors’ rights not to be annoyed by a nuisance. He would like the City to tackle the pickleball noise, parking, traffic, lighting and private club play at a residence. Mr. Harris requested that a private residence not be used as a member athletic club. He thinks this will fall under the objectionable conditions of the current Code. He thinks that the regulations applied to Park property could be applied to private properties. He stated that lighting, noise, parking, and large group use are a problem at 3016 Hatley.

City Council asked questions of Mr. Harris about the lighting issue. He believes that the current ordinances address the lighting issues including overhead lighting,

Ellin Wilson, 3018 Hatley Drive, discussed her concerns regarding pickleball courts. The one on Hatley was not permitted as a pickleball court. She hears the pickleball outside and it sounds like construction work to her. She suggested that pickleball have to follow hours like regular construction hours.

Christopher Meakin, 310 Nixon Drive, discussed how he hears pickleball regularly starting at 6:30 a.m. He believes that this could easily be remedied by ordinance 18-54(b)(8) that includes no noise above 60 decibels. He supports the Harris family.

Amy Pattillo, 3 Rock Way Cove, suggested that Planning and Zoning could also look at apps where one can rent courts at residential homes in addition to noise, traffic, and lighting.

The City Council discussed applicable ordinances and prohibitions including the noise ordinance, Park ordinances, and zoning code for residential use. Council Member Brook Brown discussed comparable cities and their regulations. She discussed regulations and complaint based processes. Council Member Brook Brown asked what the options are for City Council to address this situation.

City Attorney Charlie Zech discussed the provisions currently in the Code that could be addressed through municipal court. He discussed changes to the zoning code and avenues of enforcement. He stated that lighting options could be addressed differently.

Council Member Kevin Glasheen would like to look at adopting regulations for lighting and on-site parking.

City Attorney Charlie Zech discussed attempting to achieve compliance and reminded City Council that municipal court doesn't achieve compliance.

**Council Member Kevin Glasheen moved to ask our City Attorney to send an enforcement letter seeking compliance based on the lighting and the noise issue, the lighting being in violation of existing code and the noise being a nuisance in violation of our noise ordinances, and then secondly that we ask the City Attorney to come up with some proposed ordinances modeled after Park City or Centennial, including but not limited to these cities, specifically suggesting ones that might be effective here such as the on-site parking requirement or prohibiting pickleball within certain hours of the day.**

**Mayor Gavin Massingill restated the motion to instruct the City Attorney to work with staff to send a letter to seek compliance with the existing codes and a separate Memo from the City Attorney to offer suggestions based on what we discussed. Council Member Brook Brown seconded the motion.**

Ellin Wilson discussed ways that people can avoid the parking rules.

Mr. Meakin asked that the police show up tomorrow morning with a decibel meter because it violates number 18-54 (b) (8).

Mr. Harris, 3012 Hatley, explained that the court being discussed is still a tennis court.

Council Member Brook Brown discussed the safety of school buses traveling down these roads with this additional parking as a safety issue.

**The motion carried with 5 in favor and 0 against.**

*Mayor Gavin Massingill moved back to item 12 at 8:43 p.m.*

16. Discussion and possible action on the CRCRC survey results and process for making results available to the public

Council Member Phil McDuffee discussed how to release the results to the public of the CRCRC survey.

Dave Bench, 1 Randolph Place, discussed the results of the CRCRC survey. City Administrator Ashley Wayman mentioned that the CRCRC webpage would be the best place to post the survey results.

Mr. Bench asked what level of detail City Council is looking for in the recommendations from CRCRC. Council Member Brook Brown discussed the difference between the comprehensive plan survey and the CRCRC survey. She would like to see recommendations matching the level of detail in the survey.

City Council and City Administrator Ashley Wayman discussed the helpfulness of having a professional present when developing recommendations that could assist with the drafting of the code.

Council Member Kevin Glasheen asked for a proposal from the City Attorney's firm to provide a consultant to assist with the recommendations and drafting of code.

Council Member Phil McDuffee recommended posting of topic discussion on CRCRC webpage.

Mr. Bench thanked Shanthi Jayakumar for helping with the door hangers.

17. Discussion and possible action regarding improvements to the sound and video quality of on-line and recorded city open meetings

*This item was heard concurrently with item 12.*

18. Report from staff on the status of legal action to trademark the Rollingwood logos

City Administrator Ashley Wayman discussed the trademark applications that have been submitted to the state. The City Council asked about the length of time it takes to process through the state. Council Member Brook Brown asked that this item come back to future meetings.

Shanthi Jayakumar discussed the cost of the graphic design and her frustration with nonofficial use of the logos.

19. Discussion and possible action regarding the role of the Park Commission

Council Member Kevin Glasheen brought up the role of the Park Commission for initial discussion and would like the Park Commission to have a chance to discuss this as well. He envisioned this item as the beginning of a series of discussions. He discussed the frustration of the members of the Park Commission with a perceived lack of Council support, and the proper process of communication with the City Administrator to direct staff for maintenance.



Council Member Kevin Glasheen discussed the purpose of the Park Commission as defined in the Code, the Park master plan, and how they could fundraise for Park purposes. He discussed revising the Park Master Plan and redefining the responsibility and role of the Park Commission.

Mr. Glasheen presented a picture and discussed the erosion problem at the Park Pavilion in the lower park. He discussed the difference between maintenance and capital projects.

Council Member Brook Brown discussed the meeting with Innovative Water Tank solutions with Mayor Gavin Massingill and Mary Elizabeth Cofer. She likes the language in the ordinance about the Park Commission identifying issues, researching, and then presenting solutions to City Council. Ms. Brown suggested having workshops and making priorities and would like to see that at the Council level as well.

Council Member Kevin Glasheen discussed giving tools to the Park Commission and working with City Staff on maintenance issues. The Park Commission needs to have more clear authority and solve issues.

Don Hudson, 4902 Rollingwood Drive, discussed his membership on the Park Commission and the lack of priority and base of skills. He would like to work in directions that City Council would support. He discussed his recent park walk through and the maintenance issues discovered.

Shanthi Jayakumar, 3309 Park Hills Drive, thanked Don Hudson for his drawing of the park that he created with Vicky. She passed out handouts to the City Council.

Council Member Phil McDuffee recommended the Park Commission make a list of priorities and work with the City Administrator to solve maintenance issues.

Council Member Brook Brown brought up fundraising activities including having fun in the park as a community builder. Council Member Phil McDuffee requested to tie fundraising to projects in the park.

Amy Pattillo, 3 Rock Way Cove, appreciated the wording of this agenda item and spoke regarding her previous membership on the Park Commission. She stated that previously, the Chair of the Park Commission would come to each City Council meeting with a report on the Park. Most importantly, the Chair would come and present projects at the Budget meetings. The liaison would present the report if the Chair was unavailable. She believes the tools are in the Code.

20. Discussion and possible action regarding an exception to the curfew for a star gazing night

Council Member Kevin Glasheen discussed a request from a resident to be able to star gaze after curfew in the Park.

Mayor Gavin Massingill will discuss with Chief Muñoz specific exceptions allowed. Chief Muñoz suggested that stargazers notify Rollingwood Police Department that they will be out in the park star gazing.

**ADJOURNMENT OF MEETING**

**Mayor Gavin Massingill adjourned the meeting at 10:28 p.m.**

**Minutes Adopted on the \_\_\_\_\_ day of \_\_\_\_\_, 2023.**

\_\_\_\_\_  
**Gavin Massingill, Mayor**

**ATTEST:**

\_\_\_\_\_  
**Desiree Adair, City Secretary**

Attachment A  
Shanthi Jayakumar's Public Comments  
November 15, 2023

### Citizen Comments 11.15.2023

Mayor, Council members,

Today, we celebrate an annual tradition of confirming the election of three candidates who have just taken the oath of office to serve our community for another two years. The city of Rollingwood elects a mayor and two council members every even number year and three council members every odd number year. In the absence of an contested election this year, the three incumbent council members continue to serve our community. CONGRATULATIONS to Brook Brown, Phil McDuffee and Alec Robinson. THANK YOU for your past service to our city and for continuing to serve us for another two years.

Some of you have expressed a desire to know more about Rollingwood and its early days. I thought I would share a few highlights of the very first election in August 1955, the year Rollingwood became incorporated as The Village of Rollingwood and at an election in October 1955 when the citizens elected a mayor, 5 aldermen and a sheriff the appropriate number of candidates for the positions needed to operate the newly Incorporated Village of Rollingwood.

Thanks to the generosity of Frank Scofield, son of Frank L. Scofield the very first mayor of Rollingwood, I have a copy of the document(s) that describe the process used to conduct an election.

1. **On July 22, 1955** George B. Hatley and 20 other “persons” filed a petition accompanied by a copy of the plat showing the corporate limits of the proposed village with the Travis County Judge
2. **On August 8, 1955.** an election was held **at 3105 Rogers Avenue (does not exist anymore) “to determine whether or not the qualified voters residing within the proposed corporate limits of the Village of Rollingwood desire to incorporate said Village of Rollingwood into a body corporate for municipal purposes under the provisions of Chapter 11, Title 28, Revised Civil Statutes of Texas 1925.**
3. The judge signs a copy of the results certifying that **“at said election there were 47 votes cast of which number there were cast for “Corporation : 44 and No Corporation : 3”**. The document is signed by the Presiding Officer

and two judges. The geographical boundary is described by metes and bounds and is part of the Deed Records of Travis County.

4. So, who voted in this election? **“Every person who has attained the age of 21 years and who has resided within the limits of the proposed village of Rollingwood for 6 months preceding, is a qualified elector under the laws of the State of Texas and shall be entitled to vote at the election.”**
5. **The sheriff of the County shall give notice of the election by posting a notice at 3 public places in the village of Rollingwood 10 days prior to the date of the said election.**
6. **On October 1, 1955 an election was held for the purpose of filling municipal offices of the Village of Rollingwood, Travis County, Texas pursuant to the election held to incorporate held on August 8, 1955. This was an uncontested election with just the appropriate number of candidates for the positions needed to operate as the Incorporated Village of Rollingwood.**

**Frank L. Scofield was elected mayor together with 5 aldermen and one Sheriff. This was the very FIRST election held to elect the very first Mayor and Aldermen for the Village of Rollingwood in 1955. This is the story of our humble beginnings. That was 68 years ago!**

**-Shanthi Jayakumar**

**AGENDA ITEM SUMMARY SHEET**  
**City of Rollingwood**  
**Meeting Date: December 20, 2023**

**Submitted By:**

Staff

**Agenda Item:**

Discussion and possible action to amend the City's Code of Ordinances, Sections 103-43, 103-86, and 103-88 to include sport courts

**Description:**

At the November City Council Meeting, and after a recommendation by the Planning and Zoning Commission, action was taken to amend Section 107-35 to replace references to "tennis courts" with "sport courts." Council Member Brown pointed out that there were still other sections of the code that referenced tennis courts.

The attached ordinance changes the remaining code references to tennis courts to sport courts. Because these sections are not in the zoning code, they are not required to go through the Planning and Zoning Commission public hearing process.

**Action Requested:**

Take action on a resolution amending Sections 103-43, 103-86, and 103-88 of the City's Code of Ordinances to include sport courts

**Fiscal Impacts:**

No fiscal impact.

**Attachments:**

Draft Resolution 2023-12-20-04

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**ORDINANCE NO. 2023-12-20-04**

**AN ORDINANCE OF THE CITY OF ROLLINGWOOD, TEXAS, AMENDING THE CITY’S CODE OF ORDINANCES SECTIONS 103-43, 103-86 AND 103-88 TO INCLUDE SPORT COURTS; REPEALING PROVISIONS IN CONFLICT WITH THIS ORDINANCE; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, the City of Rollingwood is a General Law Type A City under the statutes of the State of Texas; and

**WHEREAS**, the City Council may from time to time choose to amend, supplement, change or modify the Code of Ordinances; and

**WHEREAS**, the City has given proper notice, as necessary, pertaining to the amendment of the Code of Ordinances; and

**WHEREAS**, the City Council finds and determines that Sections 103-43 Performance measures, 103-86 Definitions, and 103-88 Use restrictions during drought response stages, of City’s code of ordinances should be amended to include sport courts.

**NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROLLINGWOOD, TEXAS, THAT:**

**SECTION 1.** All the above premises are hereby found to be true and correct legislative and factual findings of the City Council and are hereby approved and incorporated into the body of this Ordinance as if copied in their entirety.

**SECTION 2.** Part II of the City’s Code of Ordinances, Chapter 103, Article II, Division 2, Sections 103-43; and Part II of the City’s Code of Ordinances, Chapter 103, Article II, Division 3, Sections 103-86 and 103-88 be amended as follows with strikethroughs being deletions and underlines being additions:

Sec. 103-43. – Performance measures.

(e) Irrigation of landscaped areas is permitted at any time by means of a handheld hose with a positive cutoff device, a faucet-filled bucket or watering can of five gallons or less, or a drip irrigation system.

(1) The following uses of water are defined as "waste of water" and are prohibited at all times:

- a. Allowing water to run off into a gutter, ditch, or drain;
- b. Failing to repair a controllable leak; and

43 c. Washing sidewalks, driveways, parking areas, ~~tennis-sport~~ courts, or  
44 other impervious hardscapes, except to alleviate immediate health or  
45 fire hazards.

46 Sec. 103-86. – Definitions.

47 *Nonessential water use* means water uses that are not required for the protection of public health,  
48 safety, and welfare, including:

- 49 (1) Irrigation of landscape areas, including parks, athletic fields, and golf courses, except as  
50 otherwise provided under this plan;
- 51 (2) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other  
52 vehicle, except this restriction does not apply to the washing of vehicles or mobile  
53 equipment when conducted on the immediate premises of a commercial carwash or a  
54 commercial service station or to the washing of automobiles, trucks, trailers, boats,  
55 airplanes, and other types of mobile equipment (such as garbage trucks and vehicles to  
56 transport food and perishables) when the washing is necessary on a more regular and  
57 frequent basis in order to protect the health, safety, and welfare of the public;
- 58 (3) Use of water to wash down any sidewalks, walkways, driveways, parking lots, ~~tennis~~  
59 sport courts, or other hard-surfaced areas;
- 60 (4) Use of water to wash down buildings or structures for purposes other than immediate fire  
61 protection;
- 62 (5) Flushing gutters or permitting water to run or accumulate in any gutter or street;
- 63 (6) Use of water to fill, refill, or add to any indoor or outdoor swimming pools or jacuzzi-  
64 type pools;
- 65 (7) Use of water in a fountain or pond for aesthetic or scenic purposes except where  
66 necessary to support aquatic life;
- 67 (8) Failure to repair any controllable leak within a reasonable period after being given notice  
68 to repair the leak; and
- 69 (9) Use of water from hydrants for construction purposes or any other purposes other than  
70 firefighting.

71 103-88. - Use restrictions during drought response stages

72

73 (2) Stage 2: Moderate water shortage conditions.

74

75 c. Water use restrictions. The water use and waste restrictions in subsection (1) of this  
76 section and the following water use restrictions will apply to all customers during  
77 Stage 2:

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79 1. Outdoor irrigation is permitted at any time if it is by means of a handheld  
80 hose, a faucet-filled bucket or a watering can of five gallons or less.



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2. Outdoor irrigation is permitted by a hose-end sprinkler, a soaker hose, or drip irrigation, from 12:00 midnight to 10:00 a.m. and 7:00 p.m. to 12:00 midnight on an outdoor water use day as designated by the city administrator.
  3. Outdoor irrigation is permitted by a permanently installed automatic irrigation system from 12:00 midnight to 10:00 a.m. on an outdoor water use day as designated by the city administrator.
  4. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 7:00 p.m. and 10:00 a.m. Such washing, when allowed, must be done with a handheld bucket or a handheld hose equipped with a positive shutoff nozzle. This restriction does not apply to a commercial carwash or a commercial service station or if washing is necessary to protect the health, safety, and welfare of the public. Charity carwashes are prohibited.
  5. Watering the ground around a foundation to prevent foundation cracking is prohibited except on a designated outdoor water use day from 12:00 midnight to 10:00 a.m.
  6. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools is prohibited. This prohibition does not apply to a public swimming or wading pool if the water is taken from the city's water distribution system and the pool is equipped with a gutter drain system and it does not leak.
  7. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited, except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
  8. Use of water from hydrants will be limited to firefighting and related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the city.
  9. Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours of 7:00 p.m. and 10:00 a.m.
  10. All restaurants are prohibited from serving water to their customers except upon the customer's request.
  11. The following uses of water are nonessential and prohibited except to alleviate an immediate health or safety hazard:
    - (i). Wash-down of any sidewalks, walkways, driveways, parking lots, ~~tennis~~ sport courts, patios or other hard-surfaced areas;
    - (ii). Use of water to wash down buildings or structures for purposes other than immediate fire protection.
    - (iii). Use of water for dust control;
    - (iv). Flushing gutters or permitting water to run or accumulate in any gutter or street; and
    - (v). Failure to repair a controllable leak within a reasonable period after being given notice to repair such leak.

126 **SECTION 3.** All provisions of the ordinances of the City of Rollingwood in conflict with the  
127 provisions of this ordinance are hereby repealed to the extent of such conflict, and all other  
128 provisions of the ordinances of the City of Rollingwood not in conflict with the provisions of this  
129 ordinance shall remain in full force and effect.

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131 **SECTION 4.** Should any sentence, paragraph, clause, phrase or section of this ordinance be  
132 adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of  
133 this ordinance as a whole, or any part or provision thereof other than the part so decided to be  
134 invalid, illegal or unconstitutional, and shall not affect the validity of the Code of Ordinances as a  
135 whole.

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137 **SECTION 5.** This ordinance shall take effect immediately from and after its passage and the  
138 publication of the caption as the law provides.

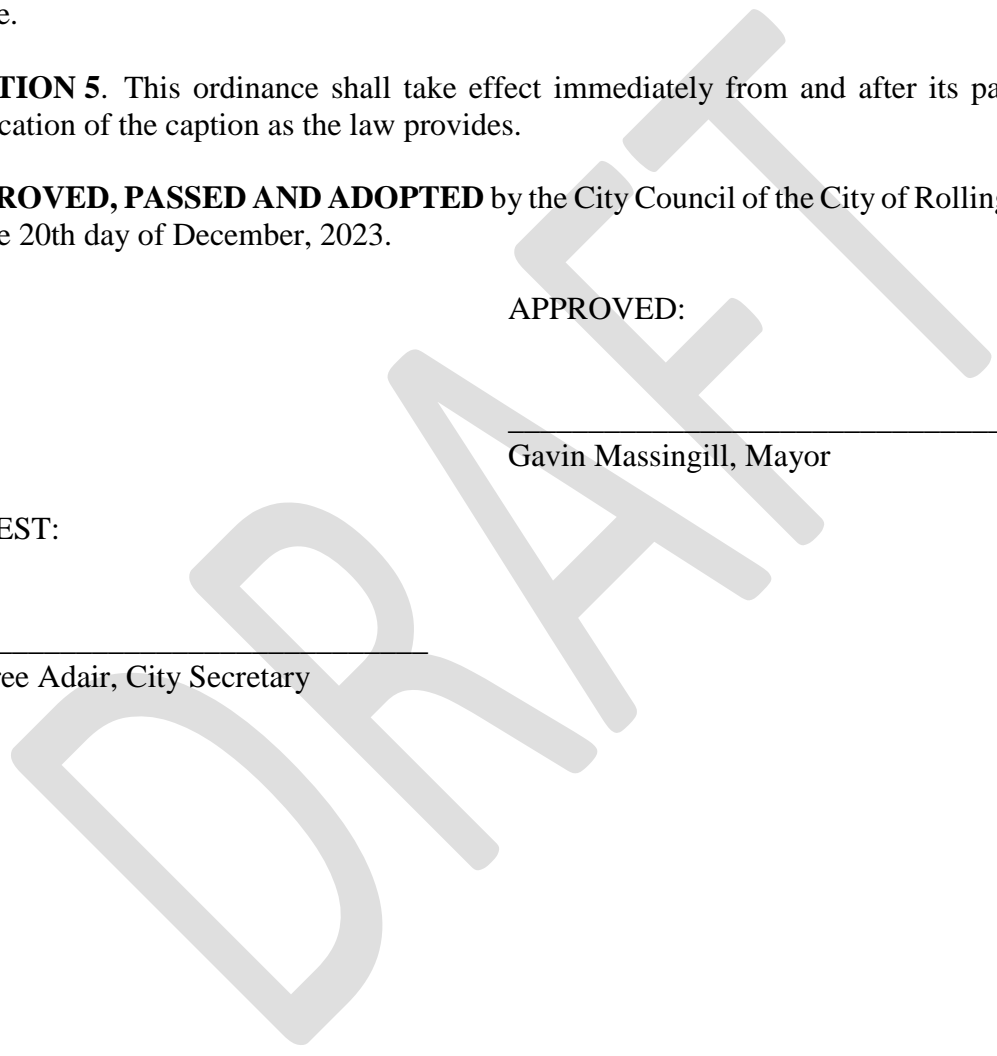
139  
140 **APPROVED, PASSED AND ADOPTED** by the City Council of the City of Rollingwood, Texas,  
141 on the 20th day of December, 2023.

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143 APPROVED:

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147 Gavin Massingill, Mayor

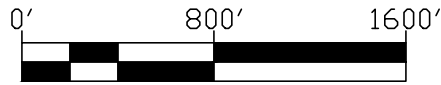
148  
149 ATTEST:

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153 Desiree Adair, City Secretary



# CITY OF ROLLINGWOOD SEWER MANHOLE REFERENCE NETWORK SURVEY

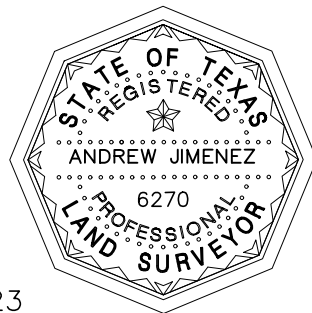
## REFERENCE POINTS LOCATION MAP



Graphic Scale: 1" = 800'

### LEGEND

●	1/2" IRON ROD FOUND CAPPED
Ⓢ	SANITARY SEWER MANHOLE
Ⓜ	STORM DRAIN MANHOLE
- · - · -	APPOXIMATE CITY LIMIT LINE



*Andrew Jimenez*  
ANDREW JIMENEZ

11/14/2023

Date

Registered Professional Land Surveyor

No. 6270 - State of Texas

Client: City of Rollingwood

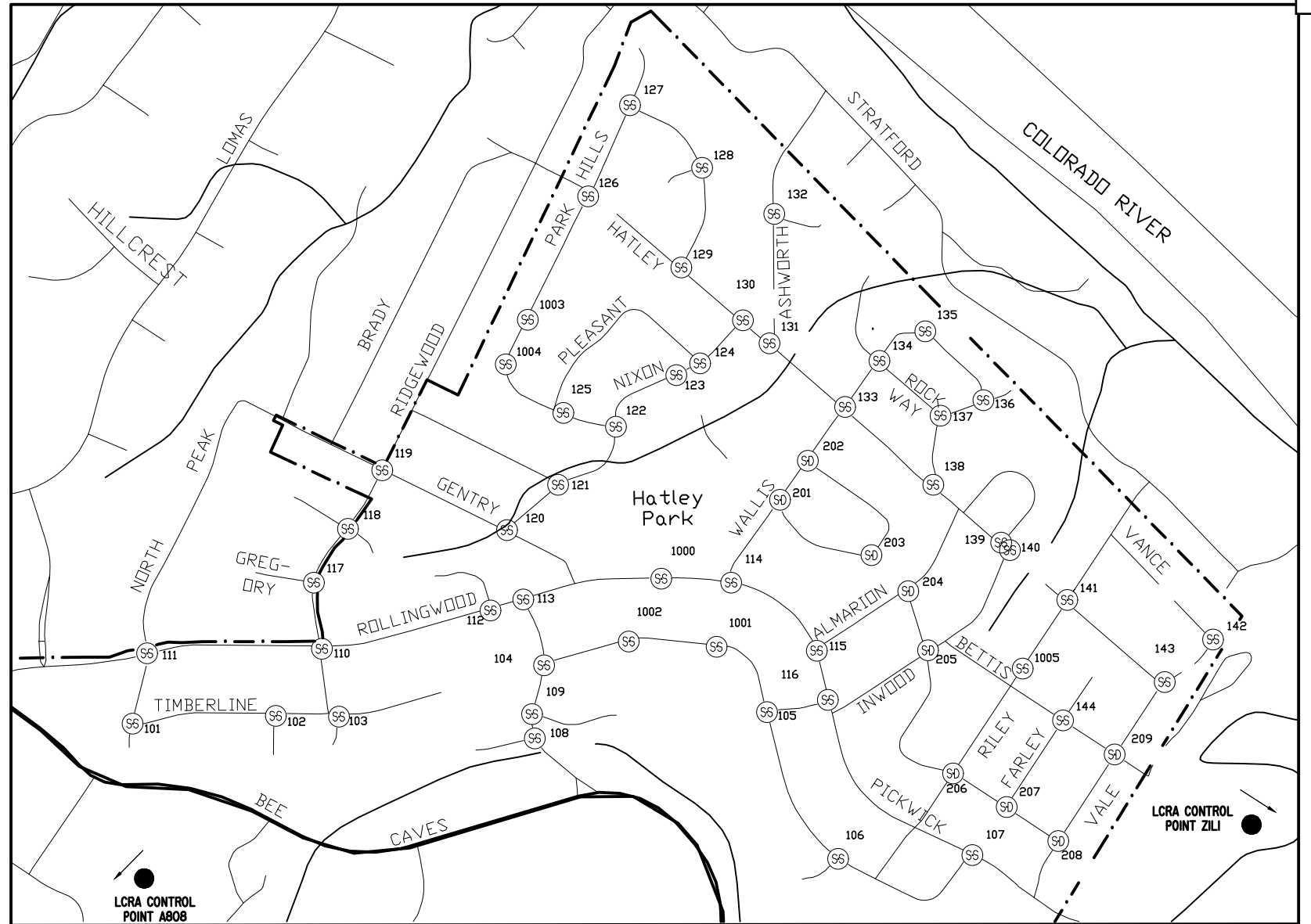
Date of Field Work: 10/26/23, 10/27/23, 10/30/23, 10/31/23 &

Field: ECarlson 12/11/23

Tech: AJimenez, SThomas, & CCarter

Date Drawn: 11/10/23, 11/11/23, 11/12/23, 11/14/23 & 12/13/23

Path: S:\Projects\\_\_\_ BULK\GPS\City\_of\_Rollingwood\Network\_Survey\Production\Dwgs\RW-MH-NetworkSurvey.dwg



#### Note:

- 1) THE LCRA POINTS SHOWN ON THIS MAP ARE NOT ACCURATELY DEPICTED. THEY HAVE BEEN ADJUSTED TO FIT THIS MAP. FOR THE PRECISE LOCATION USE THE COORDINATES SHOWN HEREON.
- 2) COORDINATES SHOWN ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, NAD 83, CENTRAL ZONE (4203), GEOID 2012A. ELEVATIONS ARE BASED OFF OF (NAVD 88).
- 3) CONTROL FOR REFERENCE NETWORK IS BASED ON LCRA MONUMENTS "A808" AND ZIL1. SEE TABLE FOR HORIZONTAL AND VERTICAL INFORMATION.
- 4) ALL SURVEY NETWORK POINTS ARE PUNCH HOLE MARKS IN THE CENTER OF EXISTING MANHOLES AS SHOWN IN THE MAP.

**ATS Engineers Inspectors & Surveyors**  
[www.ats-engineers.com](http://www.ats-engineers.com)  
 TBPLS FIRM REG. #10128000  
 4910 West Hwy 290  
 AUSTIN, TEXAS 78735  
 (512) 328-6995  
 FAX: (512) 328-6996

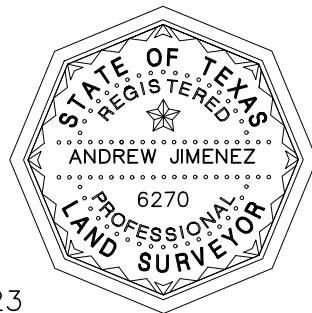
# THE CITY OF ROLLINGWOOD SEWER MANHOLE REFERENCE NETWORK SURVEY

## REFERENCE POINTS

<u>101-SAN/SEW MANHOLE</u> N=10072018.93' E=3097512.965' ELEVATION=639.31'	<u>111-SAN/SEW MANHOLE</u> N=10072392.95' E=3099776.653' ELEVATION=646.02'	<u>121-SAN/SEW MANHOLE</u> N=10073290.52' E=3100976.653' ELEVATION=591.15'	<u>131-SAN/SEW MANHOLE</u> N=10074043.73' E=3100901.006' ELEVATION=560.69'	<u>141-SAN/SEW MANHOLE</u> N=10072678.15' E=3102487.367' ELEVATION=556.01'	<u>207-STORM DRAIN MANHOLE</u> N=10071575.74' E=3102163.539' ELEVATION=553.15'	<u>A808-LCRA CONTROL POINT</u> N=10066964.04' E=3093020.785' ELEVATION=729.26'
<u>102-SAN/SEW MANHOLE</u> N=10072059.97' E=3098273.928' ELEVATION=636.49'	<u>112-SAN/SEW MANHOLE</u> N=10072621.70' E=3100946.886' ELEVATION=621.2'	<u>122-SAN/SEW MANHOLE</u> N=10073599.40' E=3100083.898' ELEVATION=587.85'	<u>132-SAN/SEW MANHOLE</u> N=10074732.47' E=3100925.933' ELEVATION=574.85'	<u>142-SAN/SEW MANHOLE</u> N=10072467.33' E=3103261.942' ELEVATION=532.45'	<u>208-STORM DRAIN MANHOLE</u> N=10071393.89' E=3102437.767' ELEVATION=555.29'	<u>Z101-LCRA CONTROL POINT</u> N=10070633.17' E=3104645.018' ELEVATION=515.05'
<u>103-SAN/SEW MANHOLE</u> N=10072056.07' E=3098609.596' ELEVATION=632.8'	<u>113-SAN/SEW MANHOLE</u> N=10072680.14' E=3099591.069' ELEVATION=616.49'	<u>123-SAN/SEW MANHOLE</u> N=10073874.84' E=3100405.956' ELEVATION=582.69'	<u>133-SAN/SEW MANHOLE</u> N=10073704.49' E=3101304.072' ELEVATION=578.00'	<u>143-SAN/SEW MANHOLE</u> N=10072240.24' E=3103003.773' ELEVATION=549.43'	<u>209-STORM DRAIN MANHOLE</u> N=10071854.63' E=3102737.821' ELEVATION=554.88'	
<u>104-SAN/SEW MANHOLE</u> N=10072329.84' E=3099701.417' ELEVATION=584.82'	<u>114-SAN/SEW MANHOLE</u> N=10072768.59' E=3100698.92' ELEVATION=637.21'	<u>124-SAN/SEW MANHOLE</u> N=10073936.57' E=3100531.587' ELEVATION=567.43'	<u>134-SAN/SEW MANHOLE</u> N=10073950.25' E=3101486.567' ELEVATION=563.96'	<u>144-SAN/SEW MANHOLE</u> N=10072035.19' E=3102461.935' ELEVATION=571.17'	<u>1000-SAN/SEW MANHOLE</u> N=10072790.53' E=3100324.909' ELEVATION=627.76'	
<u>105-SAN/SEW MANHOLE</u> N=10072080.37' E=3100887.139' ELEVATION=571.4'	<u>115-SAN/SEW MANHOLE</u> N=10072409.73' E=3101154.899' ELEVATION=630.23'	<u>125-SAN/SEW MANHOLE</u> N=10073673.47' E=3099803.67' ELEVATION=619.46'	<u>135-SAN/SEW MANHOLE</u> N=10074107.02' E=3101730.048' ELEVATION=563.60'	<u>201-STORM DRAIN MANHOLE</u> N=10073210.52' E=3100957.71' ELEVATION=623.17'	<u>1001-SAN/SEW MANHOLE</u> N=10072430.06' E=3100621.489' ELEVATION=634.06'	
<u>106-SAN/SEW MANHOLE</u> N=10071299.28' E=3101266.718' ELEVATION=581.83'	<u>116-SAN/SEW MANHOLE</u> N=10072145.50' E=3101212.095' ELEVATION=613.96'	<u>126-SAN/SEW MANHOLE</u> N=10074825.36' E=3099936.716' ELEVATION=629.58'	<u>136-SAN/SEW MANHOLE</u> N=10073741.06' E=3102038.857' ELEVATION=570.84'	<u>202-STORM DRAIN MANHOLE</u> N=10073418.57' E=3101104.816' ELEVATION=605.74'	<u>1002-SAN/SEW MANHOLE</u> N=10072458.69' E=3100154.519' ELEVATION=621.88'	
<u>107-SAN/SEW MANHOLE</u> N=10071318.72' E=3101980.776' ELEVATION=548.35'	<u>117-SAN/SEW MANHOLE</u> N=10072769.63' E=3098476.387' ELEVATION=643.12'	<u>127-SAN/SEW MANHOLE</u> N=10075312.24' E=3100158.251' ELEVATION=619.49'	<u>137-SAN/SEW MANHOLE</u> N=10073658.98' E=3101811.975' ELEVATION=578.77'	<u>203-STORM DRAIN MANHOLE</u> N=10072915.60' E=3101443.66' ELEVATION=615.80'	<u>1003-SAN/SEW MANHOLE</u> N=10072915.60' E=3099613.352' ELEVATION=623.93'	
<u>108-SAN/SEW MANHOLE</u> N=10071940.82' E=3099652.632' ELEVATION=560.99'	<u>118-SAN/SEW MANHOLE</u> N=10073055.53' E=3098657.978' ELEVATION=643.18'	<u>128-SAN/SEW MANHOLE</u> N=10074978.28' E=3100543.027' ELEVATION=607.92'	<u>138-SAN/SEW MANHOLE</u> N=10073290.71' E=3101772.145' ELEVATION=585.33'	<u>204-STORM DRAIN MANHOLE</u> N=10072724.69' E=3101639.043' ELEVATION=611.01'	<u>1004-SAN/SEW MANHOLE</u> N=10073932.08' E=3099496.369' ELEVATION=623.04'	
<u>109-SAN/SEW MANHOLE</u> N=10072069.97' E=3099637.503' ELEVATION=570.16'	<u>119-SAN/SEW MANHOLE</u> N=10073367.60' E=3098840.44' ELEVATION=645.33'	<u>129-SAN/SEW MANHOLE</u> N=10074447.16' E=3100432.37' ELEVATION=609.25'	<u>139-SAN/SEW MANHOLE</u> N=10072982.81' E=3102134.106' ELEVATION=581.99'	<u>205-STORM DRAIN MANHOLE</u> N=10072409.06' E=3101745.183' ELEVATION=589.61'	<u>1005-SAN/SEW MANHOLE</u> N=10072314.03' E=3102251.082' ELEVATION=581.54'	
<u>110-SAN/SEW MANHOLE</u> N=10072417.22' E=3098520.025' ELEVATION=638.16'	<u>120-SAN/SEW MANHOLE</u> N=10073049.11' E=3099504.038' ELEVATION=602.25'	<u>130-SAN/SEW MANHOLE</u> N=10074165.93' E=3100759.67' ELEVATION=573.93'	<u>140-SAN/SEW MANHOLE</u> N=10072942.18' E=3102181.188' ELEVATION=577.99'	<u>206-STORM DRAIN MANHOLE</u> N=10071753.88' E=3101878.184' ELEVATION=586.32'		

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*Andrew Jimenez*  
ANDREW JIMENEZ

11/14/2023

Date

Registered Professional Land Surveyor

No. 6270 - State of Texas

Client: City of Rollingwood

Date of Field Work: 10/26/23, 10/27/23, 10/30/23, & 10/31/23

Field: ECarlson

Tech: AJimenez, SThomas, & CCarter

Date Drawn: 11/10/23, 11/11/23, 11/12/23 & 11/14/23

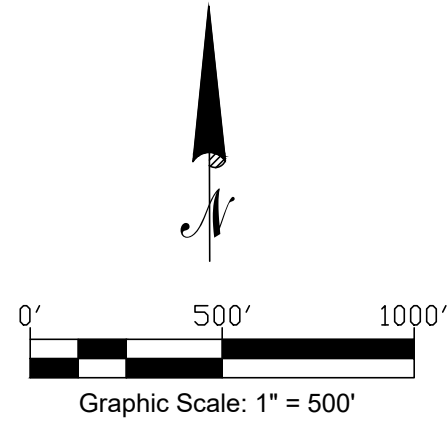
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**ATS Engineers Inspectors & Surveyors**  
[www.ats-engineers.com](http://www.ats-engineers.com)  
 TBPLS FIRM REG. #10128000  
 4910 West Hwy 290  
 AUSTIN, TEXAS 78735  
 (512) 328-6995  
 FAX: (512) 328-6996

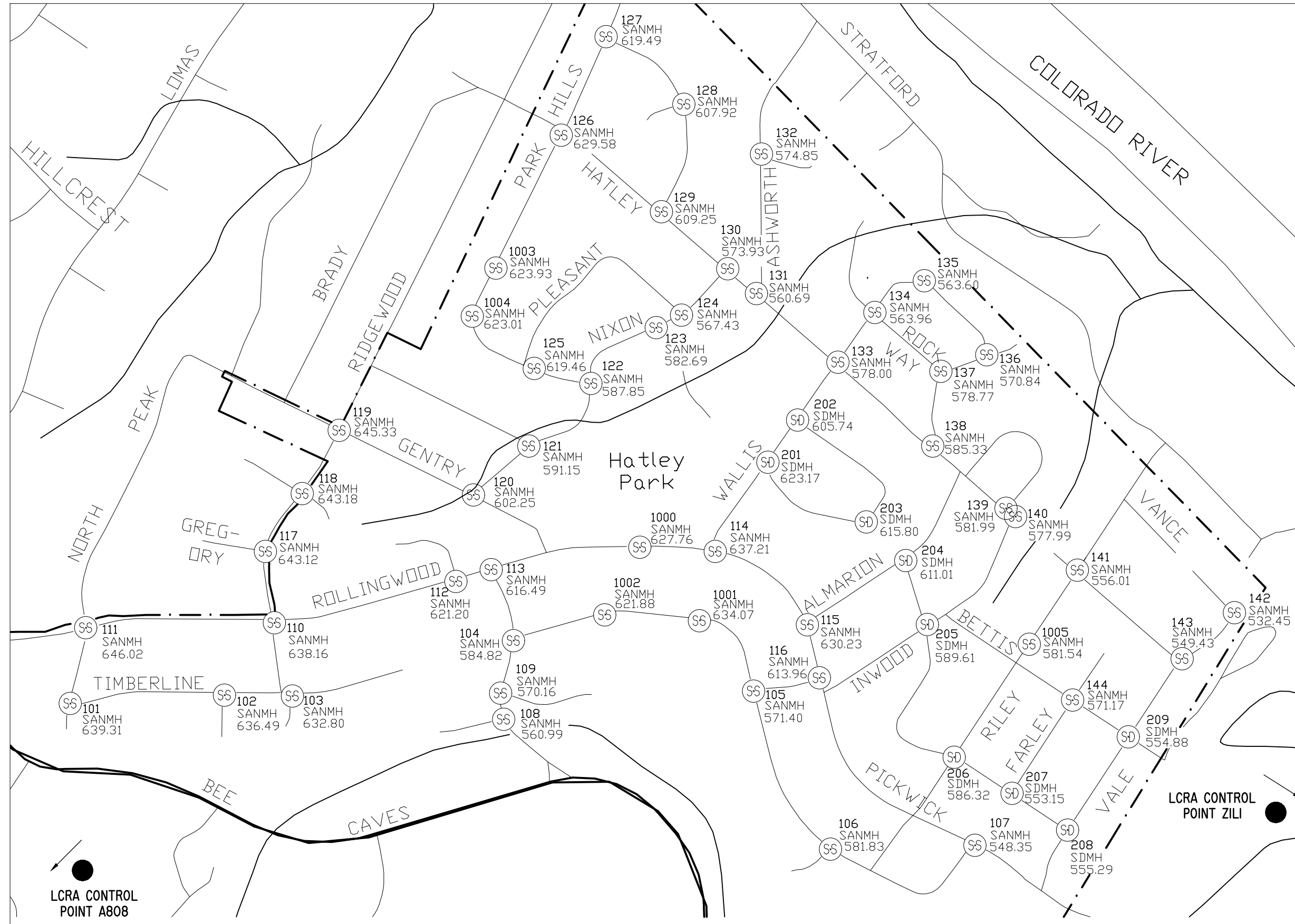
# THE CITY OF ROLLINGWOOD SEWER MANHOLE REFERENCE NETWORK SURVEY

## REFERENCE POINTS

101-SAN/SEW MANHOLE N=10072018.93' E=3097502.965' ELEVATION=639.31'	102-SAN/SEW MANHOLE N=10072059.97' E=3098273.928' ELEVATION=636.49'	103-SAN/SEW MANHOLE N=10072056.07' E=3098609.596' ELEVATION=632.8'	104-SAN/SEW MANHOLE N=10072329.84' E=3099701.417' ELEVATION=584.82'	105-SAN/SEW MANHOLE N=10072080.37' E=3100887.139' ELEVATION=571.4'	106-SAN/SEW MANHOLE N=10071299.28' E=3101266.718' ELEVATION=581.83'	107-SAN/SEW MANHOLE N=10071318.72' E=3101980.776' ELEVATION=548.35'	108-SAN/SEW MANHOLE N=10071940.82' E=3099652.632' ELEVATION=560.99'	109-SAN/SEW MANHOLE N=10072069.97' E=3099637.503' ELEVATION=570.16'	110-SAN/SEW MANHOLE N=10072417.22' E=3098520.029' ELEVATION=638.16'	111-SAN/SEW MANHOLE N=10072392.95' E=3097588.943' ELEVATION=646.02'	112-SAN/SEW MANHOLE N=10072621.70' E=3099416.886' ELEVATION=621.2'	113-SAN/SEW MANHOLE N=10072680.14' E=3099591.069' ELEVATION=616.49'	114-SAN/SEW MANHOLE N=10072768.59' E=3100698.92' ELEVATION=637.21'	115-SAN/SEW MANHOLE N=10072409.73' E=3101154.899' ELEVATION=630.23'	116-SAN/SEW MANHOLE N=10072145.50' E=3101212.095' ELEVATION=613.96'	117-SAN/SEW MANHOLE N=10072769.63' E=3098476.387' ELEVATION=643.12'	118-SAN/SEW MANHOLE N=10073055.53' E=3098657.978' ELEVATION=643.18'	119-SAN/SEW MANHOLE N=10073367.60' E=3098840.44' ELEVATION=645.33'	120-SAN/SEW MANHOLE N=10073049.11' E=3098504.038' ELEVATION=602.25'	121-SAN/SEW MANHOLE N=10073290.52' E=3099776.653' ELEVATION=579.15'	122-SAN/SEW MANHOLE N=10073599.40' E=3100083.898' ELEVATION=587.85'	123-SAN/SEW MANHOLE N=10073874.84' E=3100405.956' ELEVATION=582.69'	124-SAN/SEW MANHOLE N=10073936.25' E=3100531.587' ELEVATION=567.43'	125-SAN/SEW MANHOLE N=10073673.47' E=3099803.67' ELEVATION=619.46'	126-SAN/SEW MANHOLE N=10074825.36' E=3099936.716' ELEVATION=629.58'	127-SAN/SEW MANHOLE N=10075312.24' E=3100158.251' ELEVATION=619.49'	128-SAN/SEW MANHOLE N=10074975.28' E=3100543.027' ELEVATION=607.92'	129-SAN/SEW MANHOLE N=10074447.16' E=3100432.37' ELEVATION=609.25'	130-SAN/SEW MANHOLE N=10074163.93' E=3100759.67' ELEVATION=573.93'	131-SAN/SEW MANHOLE N=10074043.73' E=3100901.006' ELEVATION=560.69'	132-SAN/SEW MANHOLE N=10074732.47' E=3100925.933' ELEVATION=574.85'	133-SAN/SEW MANHOLE N=10073704.49' E=3100304.072' ELEVATION=578.00'	134-SAN/SEW MANHOLE N=10073950.25' E=3101486.567' ELEVATION=563.96'	135-SAN/SEW MANHOLE N=10074107.02' E=3101730.048' ELEVATION=563.60'	136-SAN/SEW MANHOLE N=10073741.06' E=3102038.857' ELEVATION=570.84'	137-SAN/SEW MANHOLE N=10073658.98' E=3101819.975' ELEVATION=578.77'	138-SAN/SEW MANHOLE N=10073290.71' E=3101772.148' ELEVATION=585.33'	139-SAN/SEW MANHOLE N=10072982.81' E=310234.106' ELEVATION=581.99'	140-SAN/SEW MANHOLE N=10072942.18' E=3102181.189' ELEVATION=577.99'	141-SAN/SEW MANHOLE N=10072678.15' E=3102487.367' ELEVATION=556.01'	142-SAN/SEW MANHOLE N=10072467.33' E=3103261.942' ELEVATION=532.45'	143-SAN/SEW MANHOLE N=10072240.24' E=3103003.773' ELEVATION=549.43'	144-SAN/SEW MANHOLE N=10072035.19' E=3102461.935' ELEVATION=571.17'	145-SAN/SEW MANHOLE N=10072035.19' E=3102461.935' ELEVATION=571.17'	207-STORM DRAIN MANHOLE N=1007575.74' E=310263.539' ELEVATION=553.15'	208-STORM DRAIN MANHOLE N=1007393.89' E=3102437.767' ELEVATION=555.29'	209-STORM DRAIN MANHOLE N=10071854.63' E=3102737.821' ELEVATION=554.88'	1000-SAN/SEW MANHOLE N=10072790.53' E=3100324.909' ELEVATION=627.76'	1001-SAN/SEW MANHOLE N=10072430.06' E=3100621.489' ELEVATION=634.06'	1002-SAN/SEW MANHOLE N=10072458.69' E=310054.519' ELEVATION=621.88'	1003-SAN/SEW MANHOLE N=10074169.84' E=3099613.352' ELEVATION=623.93'	1004-SAN/SEW MANHOLE N=10073932.08' E=3099496.369' ELEVATION=623.04'	1005-SAN/SEW MANHOLE N=10072314.03' E=3102251.082' ELEVATION=581.54'	A808-LCRA CONTROL POINT N=10066964.04' E=3093020.785' ELEVATION=729.26'	ZL01-LCRA CONTROL POINT N=10070633.17' E=3104645.018' ELEVATION=515.05'
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## REFERENCE POINTS LOCATION MAP



LEGEND	
●	1/2" IRON ROD FOUND CAPPED
⊙	SANITARY SEWER MANHOLE
⊙	STORM DRAIN MANHOLE
- - -	APPROXIMATE CITY LIMIT LINE

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*Andrew Jimenez*  
 ANDREW JIMENEZ  
 Registered Professional Land Surveyor  
 No. 6270 - State of Texas  
 Client: City of Rollingwood  
 Date of Field Work: 10/26/23, 10/27/23, 10/30/23, & 10/31/23  
 Field: ECarlson  
 Tech: AJimenez, SThomas, & CCarter  
 Date Drawn: 11/10/23, 11/11/23, 11/12/23 & 11/14/23  
 Path: S:\Projects\BULK\GPS\City\_of\_Rollingwood\_Network\_Survey\Production\Dwgs\RW-MH-NetworkSurvey.dwg



**AGENDA ITEM SUMMARY SHEET**  
**City of Rollingwood**  
**Meeting Date: December 20, 2023**

**Submitted By:**

Staff

**Agenda Item:**

Discussion and possible action on an agreement with Ameresco for the implementation of a city-wide AMI/meter replacement project and to authorize the City Administrator to execute all documents related thereto on behalf of the City of Rollingwood

**Description:**

In July 2023, the City Council heard a presentation from Ameresco regarding a turn-key project to replace all the mechanical water meters in the city with electronic meters. Two different paths for this project were discussed, one of which included an audit and testing of the current meters, and the other which simply involved a proposal for the project being brought to the Council without testing the current meters. The City Council expressed that there wasn't a need to test the current meters and that their preference would be for a proposal for the project be brought back without the testing, after the Utility Commission was able to review and make a recommendation on this.

At the September Utility Commission meeting, this presentation was brought to the commission and they recommended that staff proceed with the City Council's preference to go to the proposal phase without testing the current meters.

Ameresco has returned with a proposal for a fixed price of \$649,290 for this project. This project should be paid for out of the water and wastewater funds. The following agenda item contains financing options for this project.

**Action Requested:**

Staff requests that Council authorize the City Administrator to execute all documents related to an agreement with Ameresco for the implementation of a city-wide AMI/meter replacement project

**Fiscal Impacts:**

The cost of this project is proposed to be \$649,290. Financing options for this project will be presented in the following agenda item.

**Attachments:**

- Project description and cost proposal from Ameresco

## City of Rollingwood, Texas Ameresco AMI/Meter Project Overview

Rollingwood City Staff has been exploring options for implementing a water meter replacement and AMI implementation project. After evaluating several options, Ameresco was invited to present their process to Council in July. Based on that presentation, a follow up presentation was scheduled with the Utility Commission. A recommendation was made to request a proposal from Ameresco and select them utilizing the Purchasing Cooperative of America (PCA) Co-op.

The City's focus was to achieve operational efficiencies and infrastructure improvements associated with our water infrastructure while providing many tangible and intangible benefits to our customers.

### **Why we are doing this project**

1. Benefits to Customers
  - Transparency, Fair & Accurate Billing, Conservation, Empower Citizens
2. Operational Efficiencies
  - Reduced meter reading & maintenance costs, enhanced services
3. Fiscal Responsibility
  - Capture lost water, planned meter replacements
4. Inaccurate aging meters
5. Compliance with EPA Lead/Copper Rule

### **What we are doing**

1. Replacing 615 water meters with solid state meters (20-year accuracy warranty)
2. Installing cellular based Automatic Meter Infrastructure (AMI) to read meters
3. Installing a customer portal to allow citizens direct access to their usage
4. Integrating water meter data from meter to Utility Billing System to Customer Portal
5. Provide pipe type on both sides of the water meter per EPA Lead/Copper Rule

### **How we are doing this project and benefits to the community**

1. Utilizing a 3<sup>rd</sup> party contractor (Ameresco)
2. Turn-key project with accurate scope
3. Firm fixed price
4. On-site project management & Full data integration support

### **Timeline for project**

1. Council Vote and NTP - December 2023
2. Assuming Approval - Construction expected start in June 2024
3. Construction will take approximately 2-4 months

### **Financial Information**

Turnkey Project Cost - \$649,290

**AGENDA ITEM SUMMARY SHEET**  
**City of Rollingwood**  
**Meeting Date: December 20, 2023**

**Submitted By:**

Staff

**Agenda Item:**

Discussion and possible action on a resolution regarding a contract for the purpose of financing a water meter project

**Description:**

Government Capital Corporation has prepared the attached document detailing four options for financing the water meter project cost of \$649,290.

Staff recommends selecting the Quarterly Payment, 8-year option. This would include 4 payments per year of \$25,719.80 for an annual total of \$102,875.60. We have been budgeting \$50,000 per year in both the water and wastewater funds, for a total of \$100,000 which could be slightly adjusted to cover these quarterly payments within the current budget.

Quarterly Payments	Total Cost to City
10 Year:	\$ 867,183.60
8 Year:	\$ 823,004.80
Annual Payments	Total Cost to City
10 Year:	\$ 880,811.40
8 Year:	\$ 836,763.44

**Action Requested:**

Staff requests approval of Resolution 2023-12-20-07 authorizing the execution of a financing agreement for the purpose of procuring water meters and related equipment

**Fiscal Impacts:**

The fiscal impact varies based on the finance option selected above by the City Council

**Attachments:**

- Proposal from Government Capital for Meter Financing
- Draft Resolution 2023-12-20-07





# GOVERNMENT CAPITAL CORPORATION

345 Miron Drive, Southlake, Texas 76092

December 13, 2023

Ms. Ashley Wayman  
City Administrator  
Rollingwood City Hall  
403 Nixon Drive  
Rollingwood, TX 778746

via email: awayman@rollingwoodtx.gov

Thank you for the opportunity to present financing for a water meter replacement and AMI implementation project for the City of Rollingwood. I am submitting for your review the following proposed structure:

LENDER:	Government Capital Corporation
ISSUER:	City of Rollingwood, TX
FINANCING STRUCTURE:	Tax Exempt Structure w/ \$1.00 purchase Public Property Finance Contract issued under Local Government Code Section 271.005
PROJECT:	Water Meter and AMI Implementation project
PROJECT COST:	\$649,290.00
ANNUAL PAYMENT TERM:	10 Years                      8 Years
FIXED INTEREST RATE:	5.758%                      5.758%
PAYMENT AMOUNT:	\$88,081.14                \$104,595.43
PAYMENTS BEGINNING:	One year from funding and annually thereafter.

The above payment amounts include a fee of 1.00% to cover costs including documentation, legal fees, issuance expenses, etc. The issuance costs fee may also be paid outside of the financing.

The above proposal is subject to audit analysis, assumes bank qualification and mutually acceptable documentation. The terms outlined herein are based on current markets. Upon credit approval, rates may be locked for up to thirty (30) days. If funding does not occur within this time period, rates will be indexed to markets at such time.

Our finance programs are flexible and as always, my job is to make sure you have the best possible experience every time you interact with our brand. We're always open to feedback on how to make your experience better. If you have any questions regarding other payment terms, frequencies, or conditions, please do not hesitate to call toll free 800-883-1199 or direct 817-722-0227.

With Best Regards,

Marti Sauls  
Municipal Finance Specialist

CC: Drew Whittington

*The transaction described herein is an arm's length, commercial transaction between you and Government Capital Corporation ("GCC"), in which GCC: (i) is acting solely for its own financial and other interests that may differ from yours; (ii) is not acting as your municipal advisor or financial advisor, and has no fiduciary duty to you with respect to this transaction; and (iii) is not recommending that you take an action with respect to this transaction.*



# GOVERNMENT CAPITAL CORPORATION

345 Miron Drive, Southlake, Texas 76092

December 13, 2023

Ms. Ashley Wayman  
City Administrator  
Rollingwood City Hall  
403 Nixon Drive  
Rollingwood, TX 778746

via email: [awayman@rollingwoodtx.gov](mailto:awayman@rollingwoodtx.gov)

Thank you for the opportunity to present financing for a water meter replacement and AMI implementation project for the City of Rollingwood. I am submitting for your review the following proposed structure:

LENDER:	Government Capital Corporation	
ISSUER:	City of Rollingwood, TX	
FINANCING STRUCTURE:	Tax Exempt Structure w/ \$1.00 purchase Public Property Finance Contract issued under Local Government Code Section 271.005	
PROJECT:	Water Meter and AMI Implementation project	
PROJECT COST:	\$649,290.00	
QUARTERLY PAYMENT TERM:	40 payments	32 payments
FIXED INTEREST RATE:	5.758%	5.758%
PAYMENT AMOUNT:	\$21,679.59	\$25,718.90
PAYMENTS BEGINNING:	Four months from funding then quarterly	

The above payment amounts include a fee of 1.00% to cover costs including documentation, legal fees, issuance expenses, etc. The issuance costs fee may also be paid outside of the financing.

The above proposal is subject to audit analysis, assumes bank qualification and mutually acceptable documentation. The terms outlined herein are based on current markets. Upon credit approval, rates may be locked for up to thirty (30) days. If funding does not occur within this time period, rates will be indexed to markets at such time.

Our finance programs are flexible and as always, my job is to make sure you have the best possible experience every time you interact with our brand. We're always open to feedback on how to make your experience better. If you have any questions regarding other payment terms, frequencies, or conditions, please do not hesitate to call toll free 800-883-1199 or direct 817-722-0227.

With Best Regards,

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Municipal Finance Specialist

CC: Drew Whittington

*The transaction described herein is an arm's length, commercial transaction between you and Government Capital Corporation ("GCC"), in which GCC: (i) is acting solely for its own financial and other interests that may differ from yours; (ii) is not acting as your municipal advisor or financial advisor, and has no fiduciary duty to you with respect to this transaction; and (iii) is not recommending that you take an action with respect to this transaction.*

**RESOLUTION NO. 2023-12-20-07**

**A RESOLUTION AUTHORIZING THE EXECUTION OF A FINANCING AGREEMENT FOR THE PURPOSE OF PROCURING WATER METERS AND RELATED EQUIPMENT**

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**WHEREAS**, the City of Rollingwood, Texas (the “City”), is a political subdivision duly organized under the Constitution and laws of the State of Texas; and

**WHEREAS**, it is hereby determined that a true and real need exists for the acquisition of certain personal property (the “Personal Property”); and

**WHEREAS**, the City is authorized under the Constitution and laws of the State of Texas (the “State”) to enter into Public Property Finance Act lease purchase agreements to finance the acquisition and installation of Personal Property; and

**WHEREAS**, the City desires to enter into a certain Financing Agreement (the “Agreement”) by and between Government Capital Corporation and the City of Rollingwood, for the purpose of financing water meters and related equipment. The City of Rollingwood desires to designate this Agreement as a "qualified tax-exempt obligation" of the City of Rollingwood for the purposes of Section 265(b)(3) of the Internal Revenue Code of 1986, as amended; and

**WHEREAS**, the City desires to designate the City Administrator, as an authorized signer of the Agreement; and

**WHEREAS**, the City Council finds that the passage of this resolution is in the best interest of the citizens of the City.

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROLLINGWOOD, TEXAS:**

**Section 1.** That the Agreement, by and between the City of Rollingwood and Government Capital Corporation, is designated by the City of Rollingwood as a "qualified tax-exempt obligation" for the purposes of Section 265(b)(3) of the Internal Revenue Code of 1986, as amended.

**Section 2.** That the City of Rollingwood designates the City Administrator as an authorized signer of the Financing Agreement, by and between the City of Rollingwood and Government Capital Corporation as well as any other ancillary exhibit, certificate, or documentation needed for the Agreement.

**Section 3.** That should the need arise, if applicable, the City will use loan proceeds for reimbursement of expenditures related to the Property, within the meaning of Treasury Regulation §1.150-2, as promulgated under the Internal Revenue Code of 1986, as amended.

**Section 4.** That this resolution shall become effective from and after its date of passage.

47 **PASSED AND APPROVED** by the City Council of the City of Rollingwood by a vote of  
48 \_\_\_\_\_ ayes, \_\_\_\_\_ nays and \_\_\_\_\_ abstentions on this, the 20<sup>th</sup> day of December, 2023.

49  
50 \_\_\_\_\_

51 Gavin Massingill, Mayor

52 ATTEST:

53  
54 \_\_\_\_\_

55 Desiree Adair, City Secretary

DRAFT

**Desiree Adair**

---

**From:** Kevin Glasheen  
**Sent:** Friday, December 15, 2023 11:53 AM  
**To:** Chris Wilbratte  
**Cc:** CORKY LOGUE; Desiree Adair  
**Subject:** Re: "Pickleball Controversy"

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Desiree - please find below and email from a pickleball supporter that we should include in the record for our next council meeting.

Thanks

Kevin.  
Get [Outlook for iOS](#)

---

**From:** Kevin Glasheen <kglasheen@rollingwoodtx.gov>  
**Sent:** Friday, December 15, 2023 11:51:33 AM  
**To:** Chris Wilbratte [REDACTED]  
**Cc:** CORKY LOGUE [REDACTED]  
**Subject:** Re: "Pickleball Controversy"

I'm glad to hear that Coekynis making some changes. He seems like a very nice guy. I'm sure the neighbors will appreciate the changes and I hope that solves the problem.

The report I sent was based on the facts as presented to a public hearing at our last council meeting. If things have changed, I would encourage you or others to attend our next council meeting on Wednesday eve and give an update. I will be glad to include any updates in my next council email report.

Also - if you would like, I will forward your email to our city administrator so that it can made part of the record for our next council meeting.

Thanks for your email. Please keep me updated.

Get [Outlook for iOS](#)

---

**From:** Chris Wilbratte [REDACTED]  
**Sent:** Friday, December 15, 2023 11:44:26 AM  
**To:** Kevin Glasheen <kglasheen@rollingwoodtx.gov>  
**Cc:** CORKY LOGUE [REDACTED]  
**Subject:** "Pickleball Controversy"

Kevin,

I live at 4717 Timberline Drive and I am a Rollingwood Resident.

our email describing the pickleball games Corky hosts on his courts for his friends.

I believe that the content of the email is not accurate and I would like to correct some of those for the record.

Corky has made significant changes to accommodate his neighbors concerns. These include:

1. Moving the start time from 7:00 A.M. to 8:00 A.M. This means that the court lights are not used in the early mornings and he has ceased to use the lights all together.
2. In efforts to lower the noise associated with the game the following policies have been implemented or are being researched:
  - a. we are only allowed to use official quiet paddles. These paddles lower the noise by 60%.
  - b. As soon as quiet balls are released to the public, we will use those as well to further accommodate his neighbors.
  - c. Corky is researching a fence or other barrier to reduce noise as well.

Finally, we are parking only on the court side of the street and people are carpooling as well.

I would appreciate if you could send out a revised email detailing the remediation efforts that have been taken in Corky's efforts to be a good neighbor.

I feel it is important for the correct facts to be known by all residents so that constructive conversations can be had going forward.

I look forward to hearing from you.

Thank you,

Chris Wilbratte  
4201 Bee Cave Road Suite C-101  
Austin, TX 78746

(w) 512-381-4500  
(m) 512-964-9166  
(fax) 888-476-9118

**Desiree Adair**

---

**From:** Kevin Glasheen [REDACTED]  
**Sent:** Monday, December 18, 2023 1:10 PM  
**To:** Steve Harriman  
**Cc:** Desiree Adair  
**Subject:** Re: PickleBall on Hatley Drive

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thanks. I'll include your letter in the record at our next council meeting.  
Kevin Glasheen  
806-789-0734

On Dec 18, 2023, at 12:53 PM, Steve Harriman [REDACTED] wrote:

Dear Members of the Rollingwood City Council,

I am one of the PickleBall enthusiasts who plays at Corky Logue's house two or three times a week when I'm in town. I am retired and enjoy the physical exercise, friendly competition, and camaraderie of this group of players. I am extremely grateful to Corky for allowing me to use his courts.

However, I empathize with Corky's neighbors who have expressed concern over the noise, lights, and parked cars. I know that I, and all the players, want to be good neighbors. Here are the things we are doing to mitigate those concerns:

- We are now only parking in front of Corky's property. I think there may have been one or two folks who 'didn't get the memo' yet but that is being rectified.
- We are now starting play at 8am, so no lights will be required.
- We are all purchasing new, quieter paddles by January 1st. We have a list of approved paddles based on their impact decibel levels. These reduce the noise by ~60%.
- Similarly, we will switch to new, quiet balls as soon as they are available.
- Research is being done into sound-proofing fencing that will greatly reduce the noise for adjacent properties.

I am confident these measures will help enormously and relieve the neighbors of the unwanted disturbance.

Best regards,

Steve Harriman  
+1 512 800 5601  
[LinkedIn](#)

**Desiree Adair**

---

**From:** Kevin Glasheen [REDACTED]  
**Sent:** Monday, December 18, 2023 1:11 PM  
**To:** Tom West  
**Cc:** Desiree Adair  
**Subject:** Re: Rollingwood Pickleball

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thanks. I'll include your letter in the record at our next council meeting.

Kevin Glasheen  
806-789-0734

On Dec 18, 2023, at 10:48 AM, Tom West [REDACTED] wrote:

Rollingwood council members,  
I am writing you as a letter of support for the amazing community of pickleballers I have had the pleasure to be a part of over the last year. The community is a group of mostly professionals (doctors, lawyers, Judges, business owners..) who all share the common passion for Pickleball. Pickleball in Austin and around the country is taking off. It is way more popular than the number of courts that are available (especially public courts) which means private courts are really the only way to make supply meet demand. While I do understand the noise issues that can come about, this group in particular could not have a more conscientious group of participants. In the short term, efforts to contain noise by using quiet paddles and balls along with sound proofing will help. I do believe that in the long term, forward thinking community leaders like yourselves have the opportunity to change the course through the creation of dedicated public courts. Attached are some images from a dedicated facility in Las Vegas that has become a community centerpiece with 24 courts. I had the opportunity to play at Sunset Park two weeks ago and could not have been more welcomed. Pickleball is great exercise and it brings communities together. I now have so many friends that I would not have ever met if not for Corky and his efforts to organize.

I wanted to let you know how much I support Corky's efforts and would be happy to help the council in any way as you look to support the growth of Pickleball in Rollingwood.

Sincerely, Tom

**Tom West**  
CEO  
e [REDACTED]  
w [www.onelive.com](http://www.onelive.com)

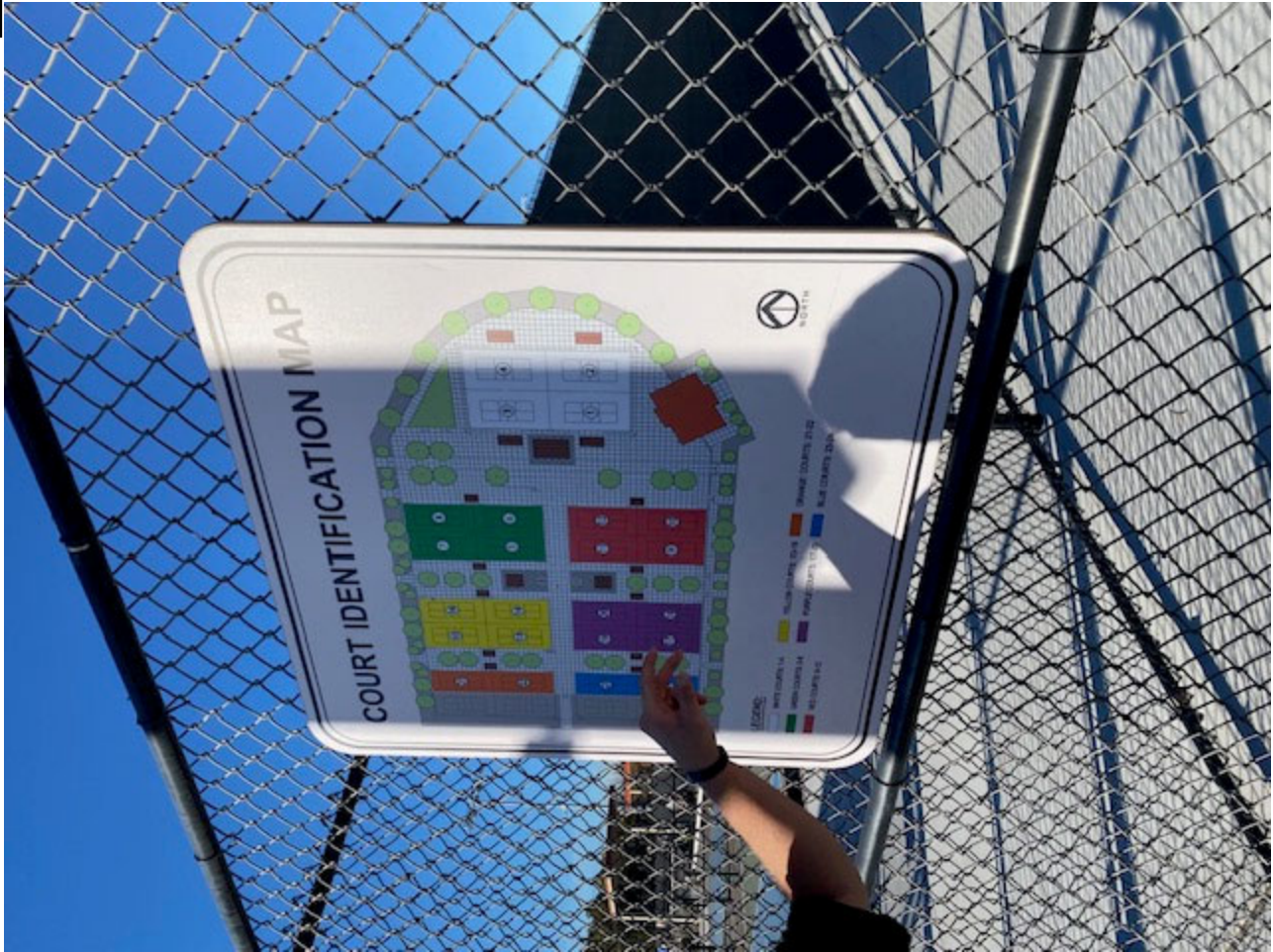


a

4101 Smith School Road, Bldg 3, Suite 300  
Austin, TX 78744









**Desiree Adair**

---

**From:** Kevin Glasheen  
**Sent:** Monday, December 18, 2023 1:12 PM  
**To:** R Eric Upton  
**Cc:** Corky Logue; Desiree Adair  
**Subject:** Re: Friendly pickleball

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thanks. I'll include your letter in the record at our next council meeting.

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---

**From:** R Eric Upton [REDACTED]  
**Sent:** Monday, December 18, 2023 12:06:24 PM  
**To:** Gavin Massingill <gmassingill@rollingwoodtx.gov>; Brook Brown <bbrown@rollingwoodtx.gov>; Kevin Glasheen <kglasheen@rollingwoodtx.gov>; Sara Hutson <shutson@rollingwoodtx.gov>; Phil McDuffee <pmcduffee@rollingwoodtx.gov>; Alec Robinson <arobinson@rollingwoodtx.gov>  
**Cc:** Corky Logue [REDACTED]  
**Subject:** Friendly pickleball

Dear Mayor and Council Members,

I would like to show support for our group of friends playing at Corky Logue's place. I understand the neighborhood concerns about lighting, noise and parking issues but feel they have been addressed with the changes in playing times and quieter paddles.

As a near-neighbor in Westlake Hills and avid (for a 75 y/o senior citizen) cyclist, I also value the non-commercial ambiance and low-velocity traffic structure of Rollingwood. The loss of this social and recreational setting would be very detrimental to our community.

Sincerely

R Eric Upton  
302 Redbud Trail

**Desiree Adair**

---

**From:** Kevin Glasheen [REDACTED]  
**Sent:** Tuesday, December 19, 2023 11:03 AM  
**To:** Chip Brees  
**Cc:** [REDACTED]; Desiree Adair  
**Subject:** Re: Rollingwood pickleball controversy

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thank you for your email. We will include it in the record.

Kevin Glasheen  
806-789-0734

On Dec 19, 2023, at 10:55 AM, Chip Brees [REDACTED] wrote:

I am writing you in advance of tomorrow’s city council meeting to express my support for the pickleball games that are being played at Corky Logue’s house on Hatley Drive. I am one of the pickleball players who play at Corky’s house.

Corky has taken steps to minimize concerns about lights, noise, and parking. We no longer play “under the lights.” We do not start play until 8:00 am, and the games are usually over by 10:00 – 10:30 am. Corky is requiring all layers to use new “quiet” paddles that dampen the sound of balls being hit. He has also instructed us to park only on his side of Hatley.

A recent city council update that was circulated erroneously said that Corky has eight pickleball courts. In fact, there are only four courts. The update also mentioned “operating daily with lights before dawn” and parking on both sides of the street, but those issues have already been resolved. Noise was also mentioned as an issue, but that issue is being addressed by the use of “quiet” paddles.

The update, however, correctly noted that pickleball is “a great sport and good fellowship.” I encourage the city council to accept the measures that Corky has undertaken to address the concerns of noise, lights, and parking, and not enact any new ordinances that would impede our ability to use Corky’s courts for pickleball.

**Desiree Adair**

---

**From:** Kevin Glasheen [REDACTED]  
**Sent:** Tuesday, December 19, 2023 12:55 PM  
**To:** Desiree Adair  
**Subject:** Fwd: Hatley Drive Pickleball

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Kevin Glasheen  
806-789-0734

Begin forwarded message:

**From:** [REDACTED]  
**Date:** December 19, 2023 at 12:54:31 PM CST  
**To:** [REDACTED]  
**Subject:** Hatley Drive Pickleball

Dear Kevin Glasheen,

I am writing to ask for your personal support for Corky Logue's pickleball activity on Hatley Dr. As a Westlake resident and the most senior (87) of the participants, I have personally enjoyed and benefitted from this relatively new sport.

The social interaction establishing new relationships has been a highlight for me. Corky's generosity has brought together new friends from all walks of life. I believe it is accurate to say that we will continue to be very responsible and respectful visitors to the Rollingwood neighborhood. The associated health and social benefits have been profound and lasting. I continue to be grateful for this activity and will strongly support measures to mediate any negative impact in the subdivision.

I understand that "quiet" or green paddles will soon be the norm, which would certainly reduce noise factors. Corky has been proactive and generous with his time and efforts and has gained the admiration and respect of all the participants.

Thank you for your support,  
John Squires

**Desiree Adair**

---

**From:** Kevin Glasheen [REDACTED]  
**Sent:** Tuesday, December 19, 2023 2:41 PM  
**To:** DeWitt Gayle  
**Cc:** Desiree Adair  
**Subject:** Re: Rollingwood Pickleball

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thank you. We will include your email in the record.

Kevin Glasheen  
806-789-0734

> On Dec 19, 2023, at 2:32 PM, DeWitt Gayle [REDACTED] wrote:

>  
> Dear Councilmembers:

>  
> I understand that the issue of pickleball at former mayor Logue’s residence on Hatley Drive is being discussed at this week’s Council meeting. I am a periodic participant of both tennis and pickleball at Mr. Logue’s house. There are 4 temporary pickleball courts on the tennis court on the property. The pickleball nets are removed for tennis play. All of us (both tennis and pickleball players) are friends and enthusiasts (most of us over 60 years old - I am 73) who are looking to get exercise and have social occasion with our friends. There is no club, there are no members, dues, fees or any other commercial endeavors with this group - just a bunch of friends getting exercise. We are simply active seniors who are trying to stay in shape and continue to be active as long as is possible. Many of us would not be able to afford a tennis or commercial pickleball club if we were not able to play at the tennis court on Hatley Drive.

>  
> To address the neighbor’s concerns, we are actively moving to pickleball paddles that are sound-muted. We are also researching sound baffling possibilities for the fencing around the court. We have agreed to park only on the south side of Hatley Drive, and not in front of the property of the neighbor to the east. We have moved the schedule back to no earlier than 8:00 am, about the same time the landscapers in the neighborhood begin to run their equipment. In short, we are willing to do anything within reason in order to continue to play, and get along with all of the neighbors.

>  
> I urge you to support our ability to play. We are willing to do whatever we can to accommodate the concerns of the neighbors, Thank you for reading this.

>  
> Respectfully yours,

>  
>  
> DeWitt Gayle

>  
>



**Desiree Adair**

---

**From:** Kevin Glasheen [REDACTED]  
**Sent:** Tuesday, December 19, 2023 5:18 PM  
**To:** [REDACTED]  
**Cc:** Desiree Adair  
**Subject:** Re: Pickleball in Rollingwood

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thank you for your thoughtful email. We will include your email in the record for our next council meeting.

Kevin Glasheen  
806-789-0734

On Dec 19, 2023, at 5:11 PM, [REDACTED] wrote:

Mayor Massingill and Council

As a retired business owner and HOA vice-president, I understand how hard it is for the city council to please everyone...especially in today's culture where people expect their own personal preferences to take priority over everyone else without compromise. The conflict regarding playing Pickleball at 3016 Hatley Drive is a typical example of such conflict. If you do not mind, I would like to weigh in with my own thoughts on the matter.

The four (4) pickleball courts in question share the same space as the tennis court that has been used at this address (by Corky Logue, his family, and friends for many years) – apparently without complaint. The tennis court is rarely used now and the pickleball courts are in use for 2 hours each weekday morning...standing empty the rest of the day. The courts are fully screened in and the people playing have switched to low noise paddles, making the noise level considerably lower than a tennis court. Standing outside of the courts when they are in use, the noise level seems very low to me personally and would not be something to which I would object if it were next to my own house...especially since playing (and hence any noise) is only between 8 and 10 am when much noisier activities are permitted (mowing lawns, trimming trees, building homes, etc). In the spirit of compromise, Corky has mandated the use of "quiet" paddles (tested to reduce the noise level), "quiet" balls (when officially available) and is planning to add additional acoustic screening around the courts.

For me, the most important issue is the sense of community. A community needs to be bound together by more than ideology – we need a sense of togetherness. When we meet in the morning to play pickleball, we are a diverse group. Some of us are conservative and some of us are liberal, some are democrats, and some are republicans, some are male and some are female. We come from a wide range of occupations and economic backgrounds. Most of us are retired (or close to it), but some are young with small children at home. What binds us together is the fellowship we find in playing a team sport together. None of us are there to crush the other person...we are there to support each other and share our lives together for an hour or two each morning.

For example, one of the men in our group recently lost his wife to cancer which is devastating as you can imagine. The people in this group pulled together to support hm and at the memorial service, we made up the majority of the people in attendance. And last weekend my wife and I had lunch with another

couple from this group that we would never have known had we not started by playing pickleball together. There are many other stories that could be shared.

I am personally 72 years old. After retirement I was looking for an activity where I could make friends and keep physically fit (for an old guy). A friend of mine invited me to come with him to play with a group of people I did not know (I had also never played pickleball before). It has been a real blessing for me as they included as another of their friends and taught me to play the sport (even if not very well). I look forward to getting together with them each morning.

In summary, I suggest that this type of group is a real benefit to the Rollingwood community. It is the kind of activity that binds us together. I also understand that there are one or two nearby, vocal neighbors who would like to see the whole thing go away. Is it not possible to reach a compromise (as Corky has proposed) and continue to allow an activity that blesses many people in the community?

Thank you for taking the time to read this email, and for serving on the council (which I am sure is a relatively thankless job).

Paul Hiller  
Cell (512) 944-4141

**Ashley Wayman**

---

**From:** Phil McDuffee  
**Sent:** Wednesday, December 20, 2023 10:27 AM  
**To:** Desiree Adair  
**Cc:** Ashley Wayman  
**Subject:** Fw: Hatley Drive Pickleball

Not sure if all councilmembers got this same email - I suspect that they did. But in any case, a copy should be added to the list of letters in the pickleball item.

Thanks,  
Phil McDuffee

---

**From:** [REDACTED]  
**Sent:** Tuesday, December 19, 2023 1:01 PM  
**To:** Phil McDuffee <pmcduffee@rollingwoodtx.gov>  
**Subject:** Hatley Drive Pickleball

Dear Phil McDuffee,

I am writing to ask for your personal support for Corky Logue's pickleball activity on Hatley Dr. As a Westlake resident and the most senior (87) of the participants, I have personally enjoyed and benefitted from this relatively new sport.

The social interaction establishing new relationships has been a highlight for me. Corky's generosity has brought together new friends from all walks of life. I believe it is accurate to say that we will continue to be very responsible and respectful visitors to the Rollingwood neighborhood. The associated health and social benefits have been profound and lasting. I continue to be grateful for this activity and will strongly support measures to mediate any negative impact in the subdivision.

I understand that "quiet" or green paddles will soon be the norm, which would certainly reduce noise factors. Corky has been proactive and generous with his time and efforts and has gained the admiration and respect of all the participants.

Thank you for your support,  
John Squires

# Discussion topics from Sep 20, 2023 City Council Meeting

- **Council members' discussion related to proposal to clarify ordinance 107-35**
  - “Should there be further investigation into the pickleball noise issue?”
  - “Is this [pickleball noise issue] something the city needs to tackle or accept?”
  - “We need to get comment from residents”
  - “Is the noise issue something we should have the CRCRC look at as part of land use and residential zoning issues?”
  - Paraphrasing – is there a real difference in pickleball noise vs. other court sports?

# Sport Courts

- **Pickleball noise:**
  1. is a well-documented nuisance with evidence concerning the volume & pitch (references follow)
  2. *is* substantially louder than other court sports (tennis, basketball)
  3. devalues adjacent properties and is a source of lawsuits to try to protect property values
  4. is a source of neighbor tension
- **Private residence sport court usage needs city regulation to ensure:**
  1. Reasonable start/stop times and duration of play
  2. Sensible court use restrictions:
    - a) is it acceptable to have a private club with 50+ members using a residential sport court facility on a daily basis?
    - b) is it acceptable to convert one residential tennis court into four pickleball courts where 16 people play simultaneously?
    - c) is 6:30am 5 days a week (M-F) a reasonable start time?

# Pickleball Noise Issues: Why is it a Problem & What Can be Done to Overcome?

[https://racketsportsworld.com/pickleball-noise-issues-why-is-it-a-problem-what-can-be-done-to-overcome/?expand\\_article=1](https://racketsportsworld.com/pickleball-noise-issues-why-is-it-a-problem-what-can-be-done-to-overcome/?expand_article=1)

- pickleball average sounds [are] around **70 dBA**. This scale of sound measurement, is a weighted decibel scale which gives the relative loudness of sounds in air as perceived by the human ear.
- **Tennis**, for instance, gives out 40 dBA sounds, which makes it **eight times softer than pickleball sounds**
- Loudness is just one component. Another is frequency, also known as pitch. Higher frequencies can sound higher and sharper.

# Shattered Nerves, Sleepless Nights: Pickleball Noise Is Driving Everyone Nuts

The New York Times Andrew Keh June 30, 2023

<https://www.nytimes.com/2023/06/30/sports/pickleball-noise-complaints-lawsuits.html>

- **Noise Pollution:** America's fastest growing sport has also become one of its biggest nuisances. [Pickleball's ceaseless staccato has fueled fights and even lawsuits.](#)
- **Bob Unetich**, 77, a retired engineer and avid pickleball player, one of the **foremost authorities** on muffling the game:  

"pickleball whacks from 100 feet away could reach **70 dBA**, similar to some vacuum cleaners, while everyday background noise outside typically tops off at a 'somewhat annoying 55'."
- sounds were even dissected last month at **Noise-Con 2023**, the annual conference of North American noise control professionals, which featured an **opening-night session** called "Pickleball Noise."
- [In addition to ball/paddle-strike noise]... the **court is small enough** that all four people playing doubles **can chat and trash talk at their leisure.**

# Pickleball has a noise problem. He's trying to fix it

NPR.org Mia Venkat, Tinbete Ermyas June 9, 2023

<https://www.npr.org/2023/06/09/1181246866/pickleball-noise-problem-courts-bats-play>

- Before he was a pickleball lover, **Unetich** was an engineer. And when it comes to the noise problem, he gets it.
- **"You can't take pop, pop, pop for 12 hours a day every day and remain sane,"** he told NPR.
- Pickleball is, like, the worst of both worlds. You know, **it's loud, and it's high-pitched**
- **"And with that explosion [in growth of the game's popularity] came the lawsuits..."**



# Pickleball is exploding nationwide, but it all starts at home

Austin American-Statesman

Cedric Golden

Sun, Jul 9, 2023

<https://tinyurl.com/46fpam3a>

- “They have gathered to play pickleball, but two hours at **Corky Logue’s courts** reveal something deeper.... a beautiful grouping of **four courts** and the sound of paddles whacking...”
- “**meet each day at his home to play on his four pickleball courts**”
- “**Logue’s circle of friends is approaching 60 members**. He dutifully provides a weekly schedule for his **four courts**, and no-show will surely hear from the leader.”
- “**painting, repaving and new nets** came at a cost of \$11,000”
- “**More than 50 people formed a private pickleball club that plays daily at locations in Westlake, Rollingwood and Bee Cave.**”

# 3016 Hatley - Tennis Court circa 2016 (spring)



- No pickleball courts
- Occasional **tennis** usage only

# 3016 Hatley - Tennis & Pickleball Courts 2022 (winter)



- Tennis + 2 pickleball courts
- Daily private pickleball club usage

# 2016 Hatley - Tennis & Pickleball Courts 2023



- 4 pickleball courts
- Daily private pickleball club usage
- photo taken from Austin American Statesman feature article (July 7, 2023)

## Request to City Council and/or appropriate committees

- Recognize that pickleball noise is a distinct/unique problem
- Clarify existing noise ordinances or author noise ordinance updates that provide clear rules for sensible sport court usage
- Codify usage rules or enforce existing rules that strike a reasonable balance between owners' sport court use/enjoyment and neighbors' rights not to be confronted with a nuisance
- Codify rules or enforce existing rules that support the fact that residential sport courts are not intended to be a membership or club use facility. **There's a difference between reasonable friends & family usage and league or club usage of a residential sport court.**

**Desiree Adair**

---

**From:** Kevin Glasheen  
**Sent:** Wednesday, December 20, 2023 11:58 AM  
**To:** Eric Watts; Gavin Massingill; Desiree Adair  
**Subject:** Re: RW resident public comment: Sound, lighting, and residential clubs

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

I love the wit and poetry of your arguments. We will make your email part of the record.

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---

**From:** Eric Watts [REDACTED]  
**Sent:** Wednesday, December 20, 2023 11:53:42 AM  
**To:** Gavin Massingill <gmassingill@rollingwoodtx.gov>; Brook Brown <bbrown@rollingwoodtx.gov>; Kevin Glasheen <kglasheen@rollingwoodtx.gov>; Sara Hutson <shutson@rollingwoodtx.gov>; Phil McDuffee <pmcduffee@rollingwoodtx.gov>; Alec Robinson <arobinson@rollingwoodtx.gov>  
**Subject:** RW resident public comment: Sound, lighting, and residential clubs

Dear Mayor Massingill and RW City Council,

I am FOR tennis courts, pickleball courts, or any sport court in a RW residential, private, or public zone.

I am FOR strict start time and end time noise compliance enforcement. This includes sound from construction, yard work (leaf blowers etc), large outdoor gatherings, and repetitive sport court sounds. This includes basketball dribbling, backboard hitting, tennis and related repetitive impact sports. I believe these similar rules are already in place in the city's current code.

I do NOT support the use of any residential, public or business lighting that disturbs neighbors at ANY time. This includes sport court lighting, flood lights, upward lighting. This is currently in our codes, and should be dealt with by privately by neighbors. The city should have a process to field, resolve or fine residents' non-compliance. *(Regretfully, holiday lighting should be included in this. Driving by a house streets away and complaining about its lighting is unreasonable. Asking your neighbor to have a light curfew so you can enjoy your home without boarding up your windows at night shouldn't go unresolved.)*

I am NOT for any organized outdoor meeting club at any residentially zoned property. The codes do not permit running a business in residential zone. This may be to limit traffic, or noise. Enforcement, like lighting, should be based on neighbor complaints, heavily weighted toward surrounding residents' preferences. For example, neighbors multiple blocks away should have less of a say vs neighbors within close proximity.

I DO support phony legal text submissions to governing bodies. To show support or opposition, residents should be allowed freedom to sound really dumb while overthinking their arguments' presentation style.

For what it's worth, I live 200-ish yards from the courts in question. In my opinion, they do start playing too early. I understand this is to beat the heat and get the heart pumping. The sound is very loud and disturbing during the early mornings - every morning. Weekends or weekdays are equally disturbing with pre-8AM starts as the norm. I think that

ment of weekday starts of 8AM is reasonable and weekend starts of 10AM should be added to the books for A sound disturbances. Leaf-blowers, construction, Monica Seles style grunts, or sport sounds. We rarely have downtime from work to enjoy and appreciate the tranquillity of Rollingwood. Really no different than supporting residents who didn't want a Mopac expansion or opposed Milk & Cookies. We need to default to the folks most impacted by proximity. It's the neighborly thing to do. We have to share the 'armrest' since we've all paid for our seats.

In Laziness and Sloth,

Eric Watts

Rollingwood resident.

To avoid a flaming pickleball thrown through our window, no address provided.

---

Eric Watts

**Desiree Adair**

---

**From:** Kevin Glasheen  
**Sent:** Wednesday, December 20, 2023 11:59 AM  
**To:** Shelly Bain; Desiree Adair  
**Subject:** Re: Sport court curfew

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thanks. We will include your email in the record.

Get [Outlook for iOS](#)

---

**From:** Shelly Bain [REDACTED]  
**Sent:** Wednesday, December 20, 2023 11:24:12 AM  
**To:** Kevin Glasheen <kglasheen@rollingwoodtx.gov>  
**Subject:** Sport court curfews

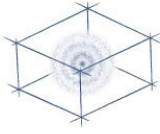
Dear Mayor and Alderpersons,

Please note that I support reasonable and neighbor friendly hours for personal sport courts in Rollingwood. At no time is it acceptable for someone’s recreational space in their yard to consistently disrupt their neighbors, and I support ordinances to enact curfews for sport courts as needed.

Thank you for your service and your consideration.  
Shelly Bain  
400 Vale Street

Sent from my iPhone





**Spondiarian & Willis Acoustics & Noise Control LLC**

*The Form and Function of Sound*

(520) 623-6003

AcousticalNoise.com

4335 N Alvernon Way, Tucson, AZ 85718

# **Pickleball Noise Impact Assessment and Abatement Planning**

**Prepared for**

**City of Centennial  
13133 E. Arapahoe Road  
Centennial, Colorado 80112**

**Project Manager  
Neil Marciniak**

**Lance Willis, PhD**

**© Spondiarian & Willis Acoustics & Noise Control LLC**

**R. 0, July 11, 2023**

## Executive Summary

As pickleball grows in popularity across North America it has become necessary to define more accurate methods of assessing the noise impact of the sport on the surrounding community and plan effective strategies for integrating it into various recreational venues. The purpose of this document is to provide descriptions of measurement protocols appropriate for assessing short duration impulsive sound such as pickleball and paddle impacts, definitions of terms and acoustical metrics, and guidance for acoustical planning of new pickleball courts. Basic methodologies and best practices for community noise assessment, environmental acoustics measurements, and noise regulation documents are described.

The main concern for neighbors living close to pickleball courts is the popping sound produced by the paddle when it strikes the ball. This sound is narrowband, imparting a sensation of pitch, and very short in duration. For the latter reason, measurement techniques that involve averaging the sound pressure over time tend to underestimate the noise impact of the impulsive sound produced by the paddles. For this type of sound, the noise assessment methodology described in ANSI S12.9 Part 4 for the highly impulsive classification of sound, based on adjusted sound exposure level, is recommended as the most accurate means of assessing the community response to pickleball paddle impacts.

Planning open air pickleball courts begins with selecting an appropriate site that has sufficient setbacks to ensure an effective noise abatement plan will be possible. Most of the work of reducing sound levels at the neighbors is done by noise barriers in the form of sound walls or mass-loaded vinyl (MLV) fence covers. These are, however, limited in the amount of noise reduction they can provide making setbacks a critical component for success of the overall noise abatement plan. In order for a noise barrier to provide acoustical shielding it must be able to block the line of sight from the players on the pickleball courts to the surrounding noise sensitive areas including upper level windows and raised decks. These geometrical considerations, which will include topography as well as the neighboring structures themselves, may affect the minimum setbacks needed in a particular application.

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# 1. Introduction

## 1.1 Pickleball and Pickleball Sound

Pickleball is popular and rapidly growing paddle sport in the United States and Canada. It is played with a hard plastic ball similar to a wiffle ball. A pickleball court is 44 feet long and 20 feet wide compared to a tennis court at 78 feet long and 36 feet wide. A tennis court can be converted into four pickleball courts.



**Figure 1.1. Pickleball Game**

As the sport has grown so have concerns from those living near pickleball courts over noise. The impact of the pickleball on the paddle causes a sharp popping sound that can be heard hundreds

of feet from the courts. Unfortunately, poor siting and inadequate noise impact assessment and abatement at many locations have made open air pickleball courts controversial additions in many neighborhood settings. This document will provide guidance on noise impact assessment in general, how to accurately measure the sound produced by pickleball courts, site selection, and effective mitigation treatments.

## 1.2 Properties of Sound

Sound, for the purposes of this document, is a small pressure disturbance in the atmosphere producing the sensation of hearing. It may be produced by the vibration of a surface or by the pulsation of an airstream such as a rotating fan blade or the human vocal cords. Sound propagates through the atmosphere as a compression wave with a speed that increases with the temperature of the air. The characteristics of a particular sound are described in terms of amplitude (loudness), frequency (pitch), and the change of amplitude and frequency with time (impulsiveness, modulation, onset rate, or rise time).

Noise is unwanted sound. This may be a subjective assessment or it may imply effects on health, well being, and speech communication. Community noise impact is assessed in terms of both annoyance and public safety.

## 1.3 Annoyance

The subjective aspect of noise is known as “annoyance.” Annoyance describes the quality of a sound that is perceived as objectionable. It differs from loudness, the perceived amplitude of a sound. Annoyance is often influenced by nonacoustic factors such as habituation or sensitization to the sound, involvement in activities that require concentration, attitudes towards sound sources and their operators, and the perceived necessity of the noise intrusions. For these reasons, reports of annoyance will have varying degrees of response bias.

Annoyance as a basis for determining acceptable noise levels can be traced to a paper by T. J. Schultz [Schultz, 1978] and the work of other researchers in the 1960's and 1970's. Schultz aggregated a group of social surveys regarding transportation noise in different cities and found that the results could be explained using a noise dosage relationship. This method has since been adopted by federal agencies tasked with regulating and evaluating road, rail, and air transportation noise.

Early research into the community impact of noise focused mainly on road traffic noise. As a result, other sound sources studied later were compared to traffic noise impact studies to determine their level noise impact. It was found that the sound pressure levels of sound sources having special characteristics such as impulsiveness and tonality did not correlate well with community questionnaires when directly compared to traffic sound pressure levels. The annoyance of these sources was often higher than the traffic noise for the same sound pressure level.

For this reason, the sound pressure levels of sound sources having these special characteristics are given an adjustment to compensate for the difference in noise impact. Part 4 of the ANSI S12.9 standard gives adjustments and measurement methodologies for a variety of sound



classifications and is used as the basis for the sound pressure level adjustments in this document.

## 1.4 Physiological Effects of Sound

While it is well known that high amplitude acoustical pressures can cause hearing impairment as well as other types injury to the body, lower amplitude sound can also have adverse long term physiological effects.

The World Health Organization recognizes that low level noise exposure has measurable health effects:

Sound/noise is a psychosocial stressor that activates the sympathetic and endocrine system. Acute noise effects do not only occur at high sound levels in occupational settings, but also at relatively low environmental sound levels when, more importantly, intended activities such as concentration, relaxation or sleep are disturbed. [WHO, *Night Noise Guidelines*, p. 61]

The sympathetic nervous system is part of the autonomic nervous system and is involved in the body's fight or flight arousal response. Chronic activation of the sympathetic system leads to stress, fatigue, and anxiety.

In addition to nervous system activation, sleep disturbance from noise can involve difficulty in falling asleep as well as awakenings that occur during sleep. Frequent awakenings lead to sleep fragmentation. This disrupts the normal stages of sleep and may lead to further neurocognitive manifestations not limited to daytime tiredness, loss of concentration, morning confusion, irritability, anxiety, and depression. [WHO, *Night Noise Guidelines*, p. 48, 26]

Environmental noise also has implications for the cardiovascular system, metabolism, and homeostasis, the ability of the body to regulate itself.

The auditory system is continuously analyzing acoustic information, which is filtered and interpreted by different cortical and subcortical brain structures. The limbic system, including the hippocampus and the amygdala, plays an important role in the emotional processing pathways. It has a close connection to the hypothalamus that controls the autonomic nervous system and the hormonal balance of the body. Laboratory studies found changes in blood flow, [blood pressure] and heart rate in reaction to noise stimuli as well as increases in the release of stress hormones... Acoustic stimulation may act as an unspecific stressor that arouses the autonomic nervous system and the endocrine system... The arousal of the sympathetic and endocrine system is associated with changes in the physiological functions and the metabolism of the organism, including [blood pressure], cardiac output, blood lipids (cholesterol, triglycerides, free fatty acids, phosphatides), carbohydrates (glucose), electrolytes (magnesium, calcium), blood clotting factors (thrombocyte, aggregation, blood viscosity, leukocyte count) and others. In the long term, functional changes and dysregulation may occur, thus increasing the risk of manifest diseases. [WHO, *Night Noise Guidelines*, p. 62-63]

The effects of stress can take many forms as seen above. Low level noise exposure that disturbs

sleep and concentration are known to produce a range of diagnosable illnesses and disorders.

### **1.5 Long Term and Short Term Community Impact**

Community response to noise is different for short term and long term exposures. Short term impact refers to sounds that occur occasionally for a limited period of time, usually on an irregular basis, that are not part of the normal activities on a property. These types of sounds are generally addressed in the municipal code.

Zoning or land use regulations focus on long term community noise impact. These sounds occur regularly over a period of time measured in weeks, months, or years and are usually part of the normal activities on a property. In most cases, however, this would not include construction activities as these are temporary and not a normal part of the usage of the site.

Municipal code noise regulations and land use code noise regulations serve different purposes, but compliment each other to protect the community from excessive noise under differing circumstances. The land use code governs long term community noise exposure and is directed mainly to developers and commercial property owners. A municipal code applies to short term noise sources that generally do not operate on a regular basis. The table below shows a comparison of how these two codes work separately and together to provide a more complete community noise policy.

**Table 1.1. Application of Short and Long Term Noise Regulation**

	<b>Municipal Code</b>	<b>Land Use Code</b>
Assessment Type:	Short term noise impact	Long term noise impact
Directed Toward:	Residents, public gatherings, noise control officers, police officers	Developers, architects, acoustical engineers, planning & development dept., noise control officers
Purpose:	<ul style="list-style-type: none"> <li>• Set threshold for offenses</li> <li>• Define penalties</li> </ul>	<ul style="list-style-type: none"> <li>• Guidance for site planning</li> <li>• Standards for noise abatement</li> <li>• Long term noise assessment</li> </ul>
Main Area of Law:	Criminal	Civil
Findings:	<ul style="list-style-type: none"> <li>• Made by officer on scene</li> <li>• Immediate determination of required action</li> </ul>	<ul style="list-style-type: none"> <li>• Assessment of all sound sources affecting surrounding properties by acoustical engineer</li> <li>• Analysis presented in detailed report</li> </ul>
Expected Outcomes:	<ul style="list-style-type: none"> <li>• Immediate action</li> <li>• Possible cease and desist order, citation, or arrest</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehensive plan to bring the site into compliance</li> <li>• Installation of noise abatement treatments</li> </ul>

## 2. Definitions

### **A-weighted sound level**

A measurement of a sound level obtained using “A” frequency weighting. This weighting curve approximates the frequency response of human hearing for low to moderate sound pressure levels. The frequency weighting characteristics of the A-weighting filter are defined in ANSI S1.42 and ANSI S1.4.

### **Background sound**

Sound from all existing sources near and far that may interfere with a sound pressure level measurement, not to include the sound source being evaluated.

### **Decibel (dB)**

Ten times the logarithm to the base ten of the ratio of two quantities that are proportional to power. Quantities denoted as a “level” are decibel quantities, e.g. sound pressure level.

### **Ensemble sound**

Sound from all normal existing sources near and far at a given location, including the sound source being evaluated. The union of all sound sources observable at the point of assessment.

### **Equivalent-continuous sound pressure level**

The sound pressure level of a steady, continuous sound having the same sound energy as the time varying sound measured. Ten times the logarithm to the base ten of the time average over the period of a measurement of the square of the ratio of the sound pressure to the reference sound pressure of 20 micropascals expressed in decibels (dB).

### **Fast exponential time weighting**

A lowpass filter for the purpose of averaging or smoothing a signal having a time constant of 0.125 seconds applied to the square of the sound pressure as specified in ANSI S1.4-1983.

### **Highly impulsive sound**

Impulsive sound having very rapid onset rate or rise time typically resulting from impact processes or small arms gunfire including, but not limited to: metal hammering, wood hammering, drop hammering, pile driving, drop forging, pneumatic hammering, pickleball paddle and ball impacts, pavement breaking, metal impacts during rail-yard shunting operation, and riveting. ISO 1996 differentiates highly impulsive sound from regular impulsive sound by its noted level of intrusiveness.

**Impulsive sound**

Sound that is characterized by brief excursions of sound pressure, typically less than one second, whose peak pressure noticeably exceeds the background sound pressure.

**Insertion loss (IL)**

For a sound attenuator, noise barrier, or other noise abatement treatment, the decrease in sound level at a point of observation when the noise abatement treatment is inserted between the sound source and point of observation.

**Noise**

Any sound which annoys or disturbs humans or which causes or tends to cause an adverse effect on humans, domesticated animals, or livestock.

**Noise abatement plan**

A detailed plan demonstrating the mitigation measures to be taken in order to meet the requirements of this noise regulation. The noise abatement plan should describe the construction and locations of abatement treatments with the expected sound pressure levels at the receiving properties.

**Noise impact assessment**

An analysis performed by a qualified acoustical engineer which determines the potential noise impacts of a proposed use.

**Peak sound pressure**

The largest absolute value of the instantaneous sound pressure in pascals (Pa) in a stated frequency band during a specified time interval.

**Regular impulsive sound**

Impulsive sound that is not highly impulsive sound. This includes speech and music.

**Sound exposure level (SEL)**

Sound exposure level is a descriptor for characterizing the sound from individual acoustical events. The sound exposure is the time integral of the square of the sound pressure over a time interval equal to or greater than an acoustical event having units of pascal squared seconds. The sound exposure level is ten times the logarithm to the base ten of the ratio of the sound exposure to the product of the square of the reference sound pressure of 20 micropascals and the reference time of one second expressed in decibels (dB).

**Sound level meter (SLM)**

An instrument used to measure sound pressure levels meeting the Type 1 standards for accuracy in ANSI S1.4-1983. Integrating sound level meters shall comply with ANSI S1.43-1997 Type 1. If octave band or fractional octave band filters are used, they shall comply with ANSI S1.11-2004 Class 1.

**Sound pressure**

A disturbance or perturbation of the atmospheric pressure with respect to the mean barometric pressure producing the sensation of hearing or vibration measured in units of pascal (Pa).

**Sound pressure level (SPL)**

20 times the logarithm to the base 10 of the ratio of the sound pressure to the reference sound pressure of 20 micropascals ( $\mu\text{Pa}$ ) expressed in decibels (dB).

**Tonal sound**

Sound having one or more single frequency oscillations (pure tones) or that is confined to a narrow band of frequencies meeting the criteria for tonal prominence. See ANSI S12.9 Part 4 Annex C or ANSI S1.13 Annex A.

## 3. Noise Regulation Best Practices

### 3.1 Purpose

A community is made up of individuals, families, businesses, government, land owners, tenants, and other groups conducting activities for their livelihoods and enjoyment. The purpose of noise regulation is to find a balance between the legitimate activities of one group and the need for peace and quiet of another and to provide a clear process for resolving disputes when they arise. Zoning noise regulations provide design goals for developers in planning a site for a specific activity and serve as criteria for assessing the community noise impact of existing sites. Clear guidance with regard to acceptable sound pressure levels is essential for ensuring new projects conform to community standards and for evaluating the compliance of existing land uses.

Noise regulations should set clear and enforceable limits on community noise exposure that accurately reflect the community response to a variety of common sound sources. Overly strict regulations lead to arbitrary and selective enforcement while overly simplistic sound pressure level limits lead to the impact of certain classifications of sound being underestimated or ignored completely.

A well provisioned noise regulation will therefore provide a comprehensive and accurate methodology for assessing the most common classifications of sound that impact a community. This ensures that community noise impact will be evaluated in a way that is representative of the experience of living and working in the community and also protects property owners from unreasonable demands for mitigation. Most importantly the noise regulations should provide a definitive means for bringing noise disputes to resolution.

Key goals of noise regulation include:

- Provide quantitative design targets for noise abatement
- Provide protections for neighbors for all classifications of sound
- Protect property owners from drawn out noise disputes

Benefits of good noise regulation:

- Defined design requirements for developers
- Easier to get financing for projects due to lower risk and uncertainty
- Enforceable standards for compliance
- No cutting corners for contractor at risk

## 3.2 Measurement Procedures

Noise regulation generally takes the form of specifying maximum allowable A-weighted sound pressure levels at a given location. It is important that the locations specified for assessment and compliance be accessible such as at a property boundary.

Property boundary regulations protect the receiving property in its entirety against noise intrusions from adjacent sites. They also do not require entering private property in order to conduct acoustical testing. Performing acoustical measurements on the offending site creates bias due to the closer proximity to the sound source. Creating a noise abatement plan for new developments using noise assessment locations on the receiving property or inside a structure makes ensuring compliance more complicated. This will be discussed further in Section 3.3.

## 3.3 Common Ordinance Noise Descriptors

Noise ordinances often do not have objective limits on sound pressure level, but instead use subjective criteria to evaluate noise impact. This leads to a great deal of difficulty in resolving noise disputes since neither side can agree on what the terms mean.

One common term is “audible” or “plainly audible.” The problem with this criterion is that neighbors will always be audible at certain times depending on meteorological conditions, time of day, etc. This places everyone in violation of the noise code leading to arbitrary and selective enforcement. The threshold of audibility depends on the background noise level at a specific location and time. It is therefore unpredictable for site planning purposes and unrepeatable. There is also no practical way to monitor without setting up a surveillance style recording system and reviewing the playback to identify the source in question.

Another common ordinance criterion is “excessive, unnecessary or offensive noise which disturbs the peace or quiet of any neighborhood or which causes discomfort or annoyance to any reasonable person of normal sensitivity residing in the area.” This regulation puts the arbiter in the position of deciding who is a reasonable person and what constitutes normal sensitivity. It turns an engineering problem of assessing noise impact based on decades on scientific field studies into a personal problem with no clear guidance on consistent application or how to reach resolution.

The Maricopa County, Arizona Code, section P-23, prohibits sounds that can be “heard from within closed residential structures.” This code is unenforceable because it is untestable. First, it requires access to a private home or place of business. The home or business must then be searched to verify that all doors and windows are closed. For a developer it is impossible to plan for or ensure compliance with such an ordinance because it is dependent on the construction of the receiving structures.

The subjective criteria described above may be difficult to enforce due to vagueness. Under the vagueness doctrine a statute may be void if it leads to arbitrary enforcement, does not provide fair notice of what is and is not punishable, or does not detail the procedures followed by officers or judges of the law.



### **3.4 Reducing Vagueness**

The first step in reducing vagueness in noise regulation is to adopt a comprehensive, objective standard that addresses the most common sources of noise complaints, particularly impulsive and tonal sounds. There should be separate criteria for short and long term noise impacts. The zoning or land use code should focus on long term impacts while the municipal code addresses short term nuisance noise. The standards should not be overly restrictive such that common, everyday activities cause violations leading to arbitrary enforcement.

Sounds that are subjectively negative and disturbing for contextual reasons may require enumeration and specific restrictions in addition to sound pressure level limits. This may involve use limitation to certain times of day, complete prohibition, or other policies as deemed appropriate to the situation. A 5 to 10 dB adjustment for the enumerated sound sources may also be an effective means to address their greater noise impact.

### **3.5 Current Standards in Noise Regulation**

#### **3.5.1 European Union Directive 2002/49**

The current, most up to date noise regulations with regard to scientific research have been enacted through European Union Directive 2002/49. This directive implements the noise assessment methodology in International Organization for Standardization standard ISO 1996. The American adaptation of ISO 1996 is ANSI S12.9 Part 4. These standards provide a comprehensive, objective method to assess the community noise impact of the most common sources of noise complaints including broadband continuous, impulsive, and tonal sounds.

In addition to the assessment methodology, ANSI S12.9 Part 5 provides guidance for acceptable day-night levels for a variety of land uses. In practice, setting sound pressure level limits for residential, commercial, and industrial zoning areas is usually sufficient.

## 4. Classification of Environmental Sound

The impact of noise on a community is not always simply determined by the amplitude of the sound. Sounds that vary rapidly with time or have certain frequency characteristics can have an additional impact. This chapter discusses the classification of sounds with special characteristics and how they relate to community noise response.

### 4.1 Amplitude Characteristics

#### 4.1.1 Sound Pressure

The most fundamental characteristic of sound is its pressure amplitude measured in units of Pascals (Pa). Due to the extremely wide sensitivity range of human hearing, sound pressure is normally presented on a logarithmic scale known as the decibel scale and denoted by the symbol, dB.

It is important to note that the decibel is a scale or unit of level, not a unit of measure. A decibel quantity must therefore have a reference value to define it. Any acoustic quantity described as a “level” is by definition on a decibel scale. The sound pressure level (SPL) is the sound pressure in Pascals normalized to the standard acoustical reference pressure of  $20 \cdot 10^{-6}$  Pascals as follows,

$$SPL = 20 \log_{10} \left( \frac{p}{20 \cdot 10^{-6}} \right)$$

where  $p$  is the sound pressure in Pascals and SPL is the sound pressure level in dB.

Figure 4.1 shows some typical sound pressure levels of common sound sources. Sound pressure levels in the blue range are very quiet and usually found only in special environments such as anechoic test chambers or remote forest areas. The green range is typical of quiet environments. For outdoor sound, most daytime noise regulations begin to apply in the yellow range at starting 55 dBA. The U.S Department of Housing and Urban Development will require a noise abatement before funding residential projects above 65 dBA. Above 75 dBA they will require a stringent approval process. At 90 dBA in the workplace, OSHA will require a hearing protection program for workers.

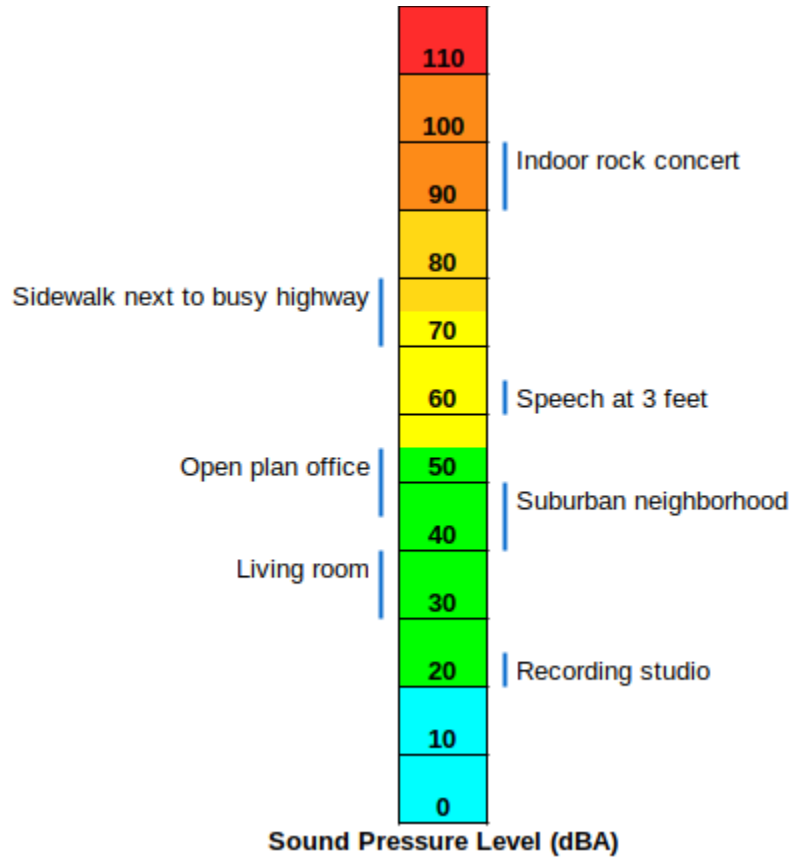


Figure 4.1. Sound Pressure Levels of Some Common Sources

### 4.1.2 Broadband Continuous Sound

A sound pressure level reading that does not change rapidly with time, does not contain tones, and covers a wide frequency range is said to be broadband with respect to frequency and continuous with respect to time. Broadband continuous sounds are characterized primarily by their sound pressure level. Common examples are fans, well pumps, and traffic noise.

Broadband continuous sounds are the simplest to quantify and are used as a point of comparison for other types of sound. That is, they provide a stable and relatively neutral basis for comparing tonal, impulsive, and other special sound classifications. The sound pressure level limits set in most noise regulations apply to this type of sound. Other sound classifications are adjusted so that their impact can be compared to a broadband continuous sound pressure level. This greatly simplifies noise regulations; however, it requires methodologies to be defined to accurately normalize sounds with special characteristics on the basis of community response to those characteristics.

## 4.2 Spectral Characteristics

The spectrum of an acoustic wave refers to its frequency content. The frequency range that a sound occupies may cover a wide band of frequencies, only a very narrow band, or even a single frequency in the case of a tone. Frequency is measured in units of Hertz (Hz) which are equivalent to one cycle per second.

### 4.2.1 Broadband

As described above, broadband means that the sound covers a broad spectrum of frequencies. This type of sound is in general the most neutral in terms of subjective sound quality. A broadband source with emphasis on the frequencies above 1,000 Hz may, however, be characterized as sharp or shrill.

### 4.2.2 Narrowband

Sounds occupying only a narrow portion of the auditory spectrum are said to be narrowband. Narrowband can be regarded as having a bandwidth less than 1/3 of an octave. This type of sound is sometimes encountered in impact processes where the impact excites a structural resonance, but the duration of the sound is very short due to damping in the structure. Narrowband sounds will require a sound pressure level adjustment due to their spectral characteristics in relation to broadband continuous sounds if they have tonal prominence (see Section 5.5.1 Assessing Tonal Sounds).

### 4.2.3 Tonal

Sounds containing pure tonal frequencies are usually produced by rotating machinery, but can also be electrically amplified signals such as those created by a backup alarm. Human hearing is sensitive to tones. Sounds having tonal prominence will require an adjustment in order to be compared to broadband continuous levels (see Section 5.5.1 Assessing Tonal Sounds).

### 4.2.4 Infrasound and Ultrasound

The nominal range of human hearing is 20 Hz to 20,000 Hz. Sounds outside this range are referred to as infrasound if below 20 Hz and ultrasound if above 20,000 Hz. Objectionable infrasound can sometimes be generated by wind turbines or industrial sound sources.

## 4.3 Temporal Characteristics

The way sound changes with time can have a significant influence on the noise impact. Accounting for these characteristics is important for accurately predicting community response.

### 4.3.1 Stationary or Continuous

Sound that changes slowly in amplitude with time is known as continuous or in statistical terms, stationary. In practice, sounds that do not meet the criteria for impulsive, rapid onset, or modulated are considered continuous and do not require any sound pressure level adjustment for

their temporal characteristics.

### **4.3.2 Impulsive**

Impulsive sound is characterized by brief excursions of sound pressure whose peak pressure noticeably exceeds the continuous sound pressure. The duration of a single impulsive event is usually less than one second.

Impulsive sounds often create annoyance because they are similar to sounds that contain important information about our environment such as a sound outside the house or a door closing. We are sensitive to these types of sounds because they alert us to events occurring nearby that we may need to respond to. Continuous false alarms make it difficult to relax, concentrate, or sleep soundly without disturbance.

Many researchers have found that impulsive sound requires a level adjustment to properly account for the special characteristics and sensitivity to this class of sound [Buchta, Smoorenburg, Vos] and that listeners are able to differentiate between loudness and annoyance for sounds with temporal variance [Dittrich].

Impulsive sound is considered to have three subcategories: regular impulsive, highly impulsive, and high energy impulsive. Each of these categories has a different sound pressure level adjustment.

#### **Highly Impulsive**

Highly impulsive sound is characterized by a sudden onset and high degree of intrusiveness. This is common for impact processes and small arms fire. Highly impulsive sound in general has a duration too short to be accurately measured using maximum fast exponential time weighting. Impulses with a regular repetition rate greater than 20 Hertz may be perceived as tonal rather than impulsive and require a tonal level adjustment.

Research has indicated that highly impulsive sound should receive a 12 to 13 dB adjustment [Buchta, Smoorenburg]. ANSI S12.9 Part 4 and ISO 1996 Part 1 recommend a 12 dB adjustment.

#### **High Energy Impulsive**

High energy impulsive sound is usually produced by explosive sources where the equivalent mass of dynamite exceeds 25 grams. Common sources are blasting or artillery fire. Sonic booms not produced by small arms fire are also included in this subcategory. High energy impulsive sound differs from highly impulsive sound mainly in the amount of low frequency energy produced.

#### **Regular Impulsive**

Impulsive sound not categorized as high energy or highly impulsive is categorized as regular impulsive. ANSI S12.9 Part 4 and ISO 1996 Part 1 recommend a 5 dB adjustment for regular impulsive sound.

## **Modulated**

Another type of transient sound is characterized by amplitude modulation. These sounds consist of a continuous series of impulsive events such as speech or music. Human hearing is most sensitive to amplitude modulation at a rate of about 4 Hz [Zwicker & Fastl, p. 177, 247-8]. This, not surprisingly, is the rate at which talkers typically produce syllables when speaking. Sounds having amplitude modulation near this rate may cause higher annoyance than continuous sounds at the same sound pressure level and should be treated as regular impulsive. When a large number of conversations is occurring at once such that the words of individual speakers cannot be understood, the noise impact may be more similar to a broadband continuous sound source.

### **4.3.3 Time of Occurrence**

Sounds that occur at certain times may become more objectionable. The community noise impact of sounds that occur at night is higher than in the daytime. Community noise impact is also higher during times when people are normally at home than when they are normally away at work.

## **4.4 Ensemble and Background Sound Pressure Levels**

Noise complaints usually involve a specific sound source. In any outdoor environment the source of interest will be among many background sources. Since it is in general not possible to remove the background sources, acoustical measurements must be performed in the presence of all active sound sources. “Ensemble sound pressure level” will refer to the sound produced by all sources at a given location including the source of interest. “Background sound pressure level” will refer to the sound present with the source of interest deactivated.

## 5. Measurement and Assessment of Environmental Sound

### 5.1 Quantification of Sound

#### 5.1.1 Sound Pressure

The measurement of sound in regard to noise regulation focuses on the sound pressure level (SPL) as described in Section 4.1.1. The human ear is a pressure sensor; therefore, the SPL most directly relates to the community response to noise. The human sensation of hearing does not, however, work in the same way that a microphone does. Spectral and temporal characteristics of a sound source can have a significant effect on the community response to that source. Signal processing must be applied to the measured sound pressure in order to adjust the measurement to the actual sensitivities of human hearing.

#### 5.1.2 Frequency Weighting

The first step in accurately representing the perceived loudness of sound is to simulate the frequency response of the human ear. Human hearing has lower sensitivity to sounds below 250 Hz and above 8,000 Hz as seen in Figure 5.1 [ISO 226]. Hearing sensitivity as a function of frequency is, however, also a function of amplitude. Different frequency weighting filters must therefore be used for different amplitude ranges. Figure 5.2 illustrates the A and C frequency weighting curves [ANSI S1.4] that simulate the equal loudness contours of human hearing with respect a 1,000 Hz tone at sound pressure levels of 40 and 100 dB respectively. Noise regulations generally specify the A-weighted sound pressure level since this curve most closely matches the target noise level goal for broadband sound sources.

A-weighted sound pressure levels are commonly expressed as dBA, dB(A), or  $L_A$ .

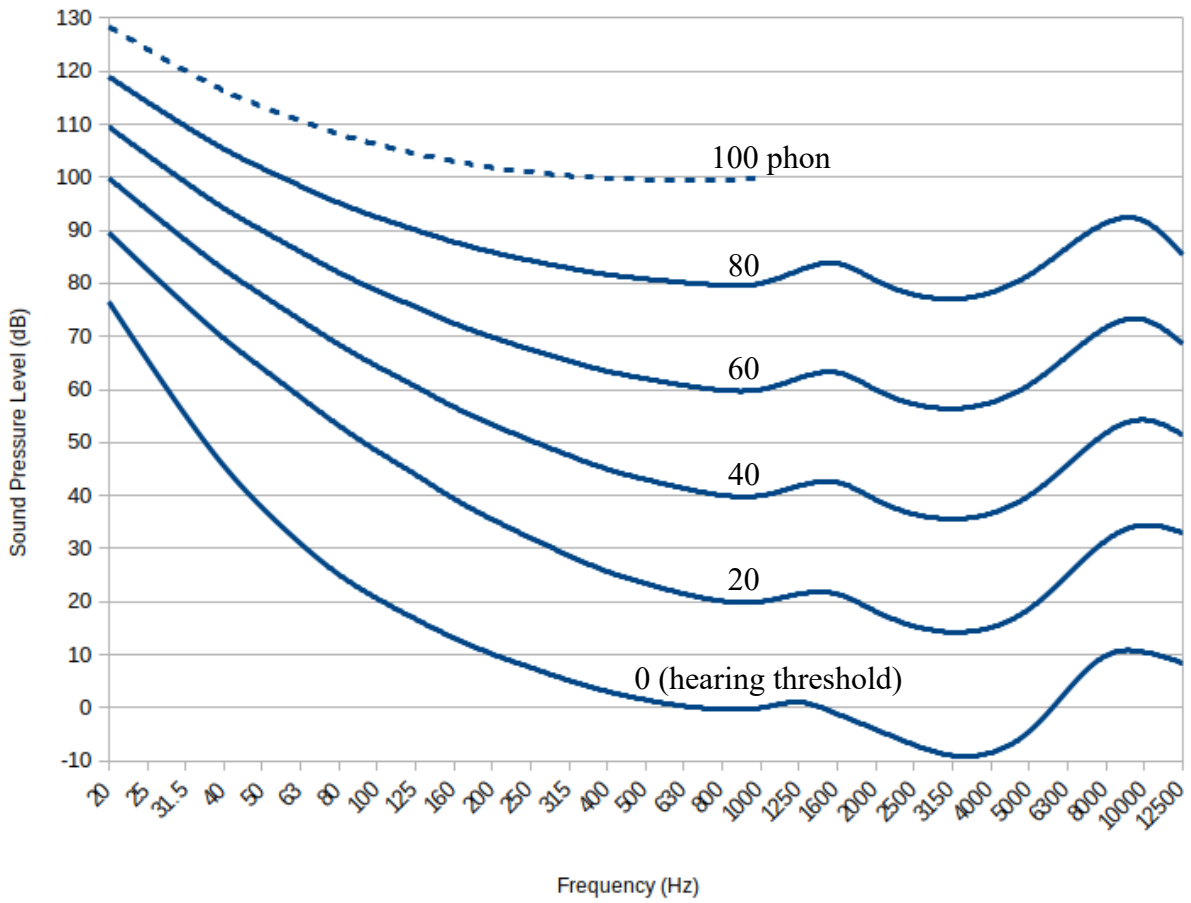


Figure 5.1. ISO 226 Equal Loudness Contours



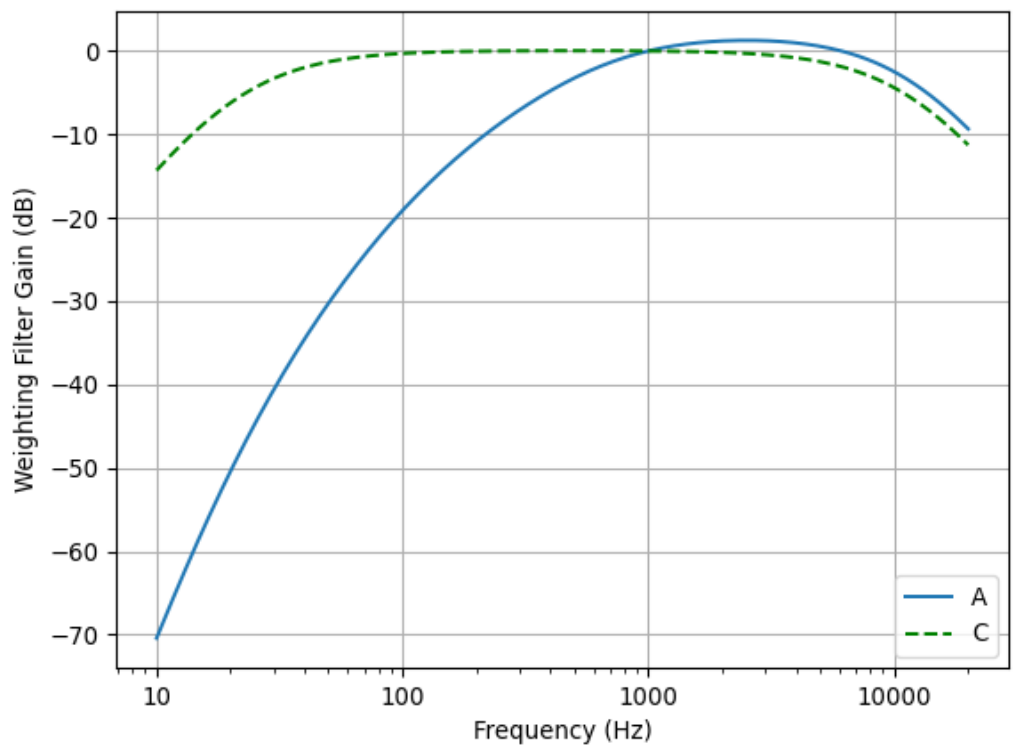


Figure 5.2. ANSI S1.4-2014 Frequency Weighting Curves

### 5.1.3 Equivalent-continuous Sound Pressure Level

The equivalent-continuous sound pressure level is the principal acoustical quantity measured for long term noise impact assessment. This is a root-mean-squared average of the sound pressure over a period of time expressed as a sound pressure level. Equivalent sound pressure levels may represent the average level over a period of minutes, an hour, or some other interval.

The A-weighted equivalent sound pressure level is represented as  $L_{A,eq}$ . The equivalent-continuous sound pressure level does not use exponential time weighting (see below).

### 5.1.4 Day Night Level

A variation of the A-weighted equivalent sound pressure level is the day night level (DNL or  $L_{dn}$ ). This metric incorporates the increased sensitivity to noise at night by adding a 10 dBA adjustment to sound occurring between 10:00 pm and 7:00 am. DNL is the most common metric used for transportation noise and is often applied to other broadband continuous sound sources.

### 5.1.5 Percentiles

To gain more insight into the noise environment during a long term measurement, some statistical quantities may be employed. The quantities  $LA_{10}$  and  $LA_{90}$  represent the A-weighted sound pressure level exceeded during 10% and 90% of the time of the measurement.  $LA_{90}$  is often used as an indication of the minimum background noise level without the presence of single noise events.  $LA_{10}$  indicates the highest sustained levels.

### 5.1.6 Sound Exposure Level

The sound exposure level (SEL) is used to quantify single noise events. It is particularly useful when the duration of an impulsive sound is too short to be accurately measured with an equivalent-continuous or exponential time weighted sound pressure level measurement. The equivalent-continuous level represents the mean squared average sound pressure. It does not account for instantaneous peak pressures. Impulses with short durations tend to get averaged out although the peak pressure may be significant. This can sometimes lead to the mistaken conclusion that the impulse has no greater noise impact than the background noise.

The sound exposure level also allows single noise events to be extracted from the measurement so that adjustments for special characteristics can be applied to more accurately represent the community response.

### 5.1.7 Peak Sound Pressure Level

For impulsive sounds with rapid onset, the instantaneous peak sound pressure level may be important. This metric may be used to supplement the sound exposure level for highly impulsive noise events that do not occur frequently enough to accumulate a substantial amount of sound energy, but nevertheless do present a significant noise impact due to their high peak pressure levels.

It should be noted that peak sound pressure level alone does not necessarily differentiate between intrusive highly impulsive and regular impulsive sounds. Different impulsive sound sources with the same peak sound pressure may have different noise impacts. Noise impact assessment of impulsive sound is often multidimensional involving onset rate, frequency range, and impulse duration.

## 5.2 Acoustical Instrumentation

### 5.2.1 The Sound Level Meter

In the regulation of community noise, a sound level meter (SLM) meeting prescribed standards for accuracy and conformity is used. The meter consists of a microphone and a signal processing unit that performs frequency weighting (usually A and C) and time weighting functions. The sound pressure level is displayed on the meter. An SLM that can log sound pressure levels and compute an equivalent-continuous level is called an integrating SLM. Modern SLMs incorporate digital signal processing capable of logging many acoustical metrics at the same time and can save simultaneous calibrated audio recordings for source confirmation and further analysis.

Most professional acousticians use, and many noise regulations require, a meter meeting the ANSI S1.4 Type 1 standard. This is the highest accuracy used for field work. Type 2 meters meet a lower standard of accuracy and are allowed by OSHA and some municipal codes.

### **5.2.2 Exponential Time Weighting**

When taking sound pressure level measurements in the field, the reading on the meter can fluctuate rapidly for some sound sources. Exponential time weighting is a method of stabilizing the reading by applying a smoothing filter to the sound pressure envelop. Professional sound level meters will typically have three exponential time weighting settings: fast, slow, and impulse. The slow setting has time constant of 1 second. The fast setting time constant is 0.125 seconds (1/8 of a second). For most measurements the fast setting is preferred with the exception of impulsive sounds with a rapid onset rate.

Impulse time weighting uses a 0.035 second time constant on the rise of the sound pressure envelop with a peak hold having a 1.5 second time constant on the decay. The purpose of this setting is to allow a faster response on the rise of the signal to reduce the attenuation of the maximum pressure of the impulse, but have a slow decay to hold the reading on the meter display so it can be read and recorded. This time weighting is, however, still much slower than the impulse produced by typical highly impulsive sound source such as a pickleball paddle impact.

### **5.2.3 Integrating Sound Level Meters**

Integrating SLMs integrate the sound pressure over the time period of a measurement in order to calculate the equivalent-continuous sound pressure level (LAeq). An integrating meter is required for noise regulations that specify metrics based on equivalent-continuous sound pressure level such as the day night level (DNL) or hourly sound pressure level.

### **5.2.4 Frequency Band Analysis**

Some sound level meters include filters for obtaining octave band and fractional octave band sound pressure levels. Frequency band data is needed for designing sound walls and other noise abatement treatments. Unweighted octave band sound pressure levels may also be used to assess low frequency sound in regard to acoustically induced vibration caused by air handling units or subwoofers.

### **5.2.5 Calibration**

The calibration of the sound level meter should be recertified by a qualified, independent metrology laboratory at intervals recommended by the manufacturer of the meter, usually one year. The sound level meter shall be used as provided in the manufacturer's instructions.

It is standard practice when carrying out sound pressure level measurements to place a calibration device recommended by the meter manufacturer over the microphone before and after testing to verify that the sensitivity of the microphone has not changed and that the equipment has not been damaged prior to or during testing. The field calibrator should also be sent to a

qualified metrology laboratory to have the calibration certified at intervals specified by the equipment manufacturer. This period is usually one year.

### 5.3 Calculation Methods

#### 5.3.1 Decibel Addition

When working with multiple sound sources, it may be necessary to understand how each individual source contributes to the total sound pressure level. Decibel levels do not add arithmetically, but must be combined logarithmically. Figure 5.3 shows a chart for adding two levels. First, calculate the difference in the levels. Next, find the level difference on the horizontal axis of Figure 5.3 and find the corresponding level addition of the vertical axis. Add this number to the highest of the two levels. For example, to add two levels, 50 and 56 dB, together, find the difference, 6 dB, on the chart. The addition is 1 dB. Therefore, the decibel sum of 50 and 56 dB is 57 dB. If the level difference is greater than 10 dB, the contribution of the lower level source is negligible.

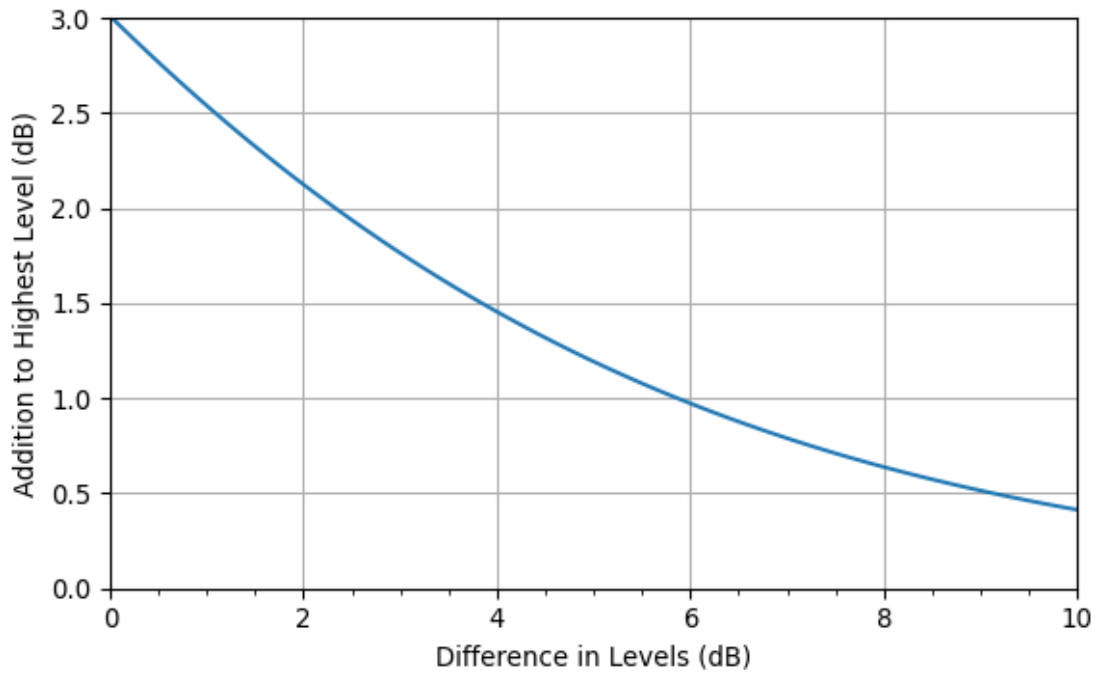


Figure 5.3. Decibel Addition

Equation 5.1 gives the direct calculation for the decibel sum,  $L_s$ , of levels,  $L_1$  and  $L_2$ .

$$L_S = 10 \log_{10} \left( 10^{0.1L_1} + 10^{0.1L_2} \right) \tag{5.1.1}$$

### 5.3.2 Background Noise Correction

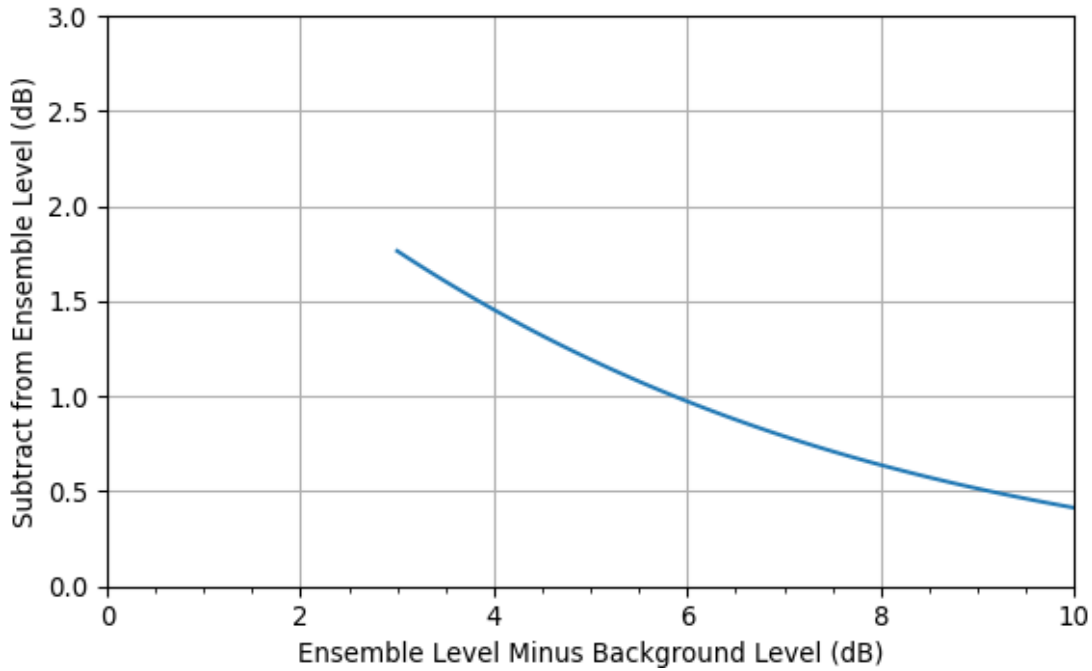
When assessing a noise issue it is common to measure the sound source of interest in the presence of other background sources. If the background noise level is within 10 dB of the ensemble noise level (see Section 4.4) a background noise correction should be applied to avoid overestimating the sound pressure level produced by the source of interest.

The corrected source level,  $L_{Source}$ , is found by the decibel subtraction of the background noise level,  $L_{bgn}$ , from the ensemble level,  $L_{ens}$ .

$$L_{Source} = 10 \log_{10} \left( 10^{0.1L_{ens}} - 10^{0.1L_{bgn}} \right) \tag{5.2}$$

The background corrected sound pressure level of the source can also be found using Figure 5.4. Subtract the background sound pressure level from the ensemble level. Find this level difference on the horizontal axis of the figure and locate the corresponding decibel value on the vertical axis. Subtract this number from the ensemble sound pressure level to get the background corrected level of the source.

If the ensemble sound pressure level is within 3 dB of the background noise level, the source of interest is producing less sound pressure than the background sources and cannot be accurately assessed. When the conditions on the site prevent the background sound pressure level from being measured it should be noted in the measurement report.



**Figure 5.4. Background Noise Correction**

**Example:**

An exhaust fan located on the exterior wall of a warehouse building runs continuously. A sound pressure level measurement taken at the nearest residential property line with the fan running reads 64 dBA. The fan is then shut off and the measurement repeated. The sound pressure level now reads 58 dBA due to a nearby roadway.

Subtracting the background noise level (58 dBA) from the ensemble level (64 dBA), which includes the fan and all other sound sources in the area, gives a difference of 6 dBA. From Figure 5.4, a 6 dB level difference on the horizontal axis corresponds to 1.0 dB on the vertical axis. Subtracting this number from the ensemble sound pressure level gives a result of 63 dBA for the sound pressure level of the exhaust fan by itself.

## 5.4 Measurement Procedures

### 5.4.1 Field Calibration

The calibration of the sound level meter shall be recorded before and after each series of measurements using a field calibrator or method recommended by the manufacturer of the meter.

### **5.4.2 Measurement Conditions**

To the extent practical, all sound sources contributing to the ensemble sound pressure level at the point of measurement should be identified.

Measurements should not be performed when wind speeds exceed 10 knots (11 miles per hour, 5 meters per second), the SLM may become wet, or temperatures are outside the tolerance range of the SLM as specified by the manufacturer. A properly fitted windscreen shall be attached to the microphone.

Unless necessary, hourly or shorter duration measurements at distances greater than 100 feet (30 meters) should be performed on sunny days in order to avoid acoustic shadow zones formed by thermal inversions caused by ground heating. When the sun heats the ground, the relatively warm layer of air near the ground can cause sound to refract upward creating a complete or partial shadow. Measurements taken in the shadow zone can underestimate the sound pressure levels present at other times of the day.

### **5.4.3 Measurement Locations**

The preferred noise assessment location is at the property line of the receiving property at the point most impacted by the sound source in question. More than one measurement location may be necessary for multiple sound sources or some noise sensitive areas.

In some situations the area most affected by the sound source of interest may be inside the boundaries of the receiving property. This is sometimes for the case, for example, if there is a wall blocking sound at the property line. Measuring the sound directly behind the wall may not be representative of the sound levels farther from the wall inside the receiving property or at the upper floors of a building located on the property.

### **5.4.4 Sound Level Meter Placement**

The microphone of the sound level meter should be placed at a minimum height of 45 inches (1.1 meters) above ground level and a minimum distance of 12 feet (3.6 meters) from any other reflecting surface. The microphone should not be placed closer than 12 feet (3.6 meters) from any sound source.

Other microphone placements may be used as necessary to assess a specific noise sensitive area, but their acoustical characteristics must be specified.

### **5.4.5 One Hour Equivalent-continuous Sound Pressure Level Measurements**

One hour equivalent-continuous sound pressure level measurements shall be conducted using an integrating sound level meter. For sound sources that do not change in level over time, a shorter measurement period may be used provided the sound pressure level measured is typical of the source in question, but not less than 2 minutes. If a sound source has a regular operating cycle, the time period of the operating cycle, including both time on and time off, may be used for the measurement.

## 5.5 Adjusted Sound Pressure Levels

Sound sources that have special characteristics including impulsiveness and tonality have been found to have a noise impact greater than that indicated by the equivalent-continuous level. To account for this a set of adjustments to the equivalent-continuous sound pressure level have been defined based on the recommendations of ANSI S12.9 Part 4. These adjustments apply to equivalent-continuous sound pressure level measurement such as one hour A-weighted sound pressure levels (LAeq) and octave band equivalent-continuous sound pressure levels.

### 5.5.1 Assessing Tonal Sounds

Sounds having tonal prominence receive a 5 dB adjustment. Tonal prominence is determined according to ANSI S12.9 Part 4 Annex C by comparing adjacent unweighted one-third octave band equivalent-continuous sound pressure levels to the one-third octave band containing the tonal frequency. If the adjacent band level differences are greater than 15 dB for the 25 to 125 Hz bands, 8 dB for the 160 to 400 Hz bands, or 5 dB for the 500 to 10,000 Hz bands, the tone has prominence and a tonal adjustment shall be applied to the one-third octave band containing the tonal component.

Tonal prominence may also be determined using the narrowband methods in ANSI S1.13-2005 Annex A. This method may be necessary for tones that are close to the separation between two one-third octave bands resulting in bleed over into both bands.

### 5.5.2 Assessing Impulsive Sounds

Two categories of impulsive sound are addressed in this document: regular impulsive and highly impulsive.

Regular impulsive sound includes speech and music. It receives a 5 dB adjustment.

Highly impulsive sounds receive a 12 dB adjustment. Highly impulsive sounds occurring at a rate greater than 20 per second are usually not perceived as distinct impulses and no impulse adjustment shall apply; however, if the repetitions are regular in time a tonal sound adjustment may be necessary.

Equivalent-continuous sound pressure level alone is not sufficient to assess sounds characterized by impulsiveness. Highly impulsive and sporadic single events may produce a relatively small amount of energy compared to the background noise level. This does not necessarily mean they will not have a significant impact. Equivalent-continuous levels are often insensitive to short duration events even though the impulses may be clearly noticeable. In these instances the sound exposure method may be necessary to assess these events (see Section 5.5.3).

### 5.5.3 Applying Adjustments Using Sound Exposure Level

Impulsive sounds are usually spread out in time whereas background noise is continuous. The background noise will therefore often contribute more to an energy averaging metric like the equivalent-continuous sound pressure level than the impulses even though an observer on the site may report the impulses as the primary sound source due to their high peak sound pressures. In



cases like this a windowing method such the sound exposure must be used to separate the impulses from the background noise so that adjustments can be appropriately applied to the part of the ensemble sound containing the impulses.

One common use for the sound exposure level (SEL) is the comparison of two discrete sound events; however, in the context of applying adjustments to impulsive sound the SEL will be used to overcome the influence of the background noise by separating out the individual impulse events from the rest of the measurement data. The SEL of a single event,  $SEL_{event}$ , can be found from the background noise corrected equivalent-continuous sound pressure level over just the time of the event,  $L_{eq,event}$ ,

$$SEL_{event} = L_{eq,event} + 10 \log_{10}(T_{event}/T_0) \tag{5.3}$$

where  $T_{event}$  is the duration of the event in seconds and  $T_0$  is the reference time of 1 second.  $T_{event}$  should be inclusive of the entire event. In situations where the background noise level fluctuates it may be necessary to find the background noise level in the immediate vicinity of each impulse event in order to do the corrections.

The appropriate regular or highly impulsive adjustment can now be added directly to the SEL of the event. This process can be repeated for each impulse to obtain a set of SELs.

In order to compare the resulting sound exposures to the level limits in the regulations, the SELs must be converted to an equivalent-continuous level over the time period of the original measurement. The adjusted equivalent-continuous level of the impulses during the time of the measurement,  $L_{eq,adj}$ , is therefore the decibel sum of each event's background corrected sound exposure level,  $SEL_{event,i}$ , and its adjustment,  $K_i$ , minus the measurement time,  $T$ , in decibels.

$$L_{eq,adj} = \sum_i 10^{(0.1(SEL_{event,i} + K_i))} - 10 \log_{10}(T/T_0) \tag{5.4}$$

An alternative form of Eq. 5.4 is useful in when the mean SEL and the number of events over a period of time are known for an impulsive sound source.

$$L_{eq,adj} = SEL_{src} + K_{impulse} + 10 \log_{10}(N) - 10 \log_{10}(T/T_0) \tag{5.5}$$

Here  $L_{eq,adj}$  is equal to the sum of the sound exposure level for one event occurrence,  $SEL_{src}$ , the adjustment for the type of impulse,  $K_{impulse}$ , the number of occurrences,  $N$ , in decibels, and total time period over which the impulses occur,  $T$ , in decibels.

$L_{eq,adj}$  can now be combined with the other adjusted sound source levels in the project using Eq.

5.1 to obtain the total adjusted equivalent-continuous sound pressure level. This level can then be compared to the level limits in the noise regulations.

For more information on sound exposure level see ANSI S12.9 Part 4 and Harris, Chapter 12.

#### **5.5.4 Time of Day Adjustments**

For noise impact assessment, the day is typically divided into three segments: day, evening, and night. For residential land uses, each of these time periods will have different noise sensitivities. During the daytime, usually defined as 7:00 am to 7:00 pm, many people are at work or busy with other activities away from home. In the evening, 7:00 pm to 10:00 pm, people tend to be at home and are more aware of noise in the area. Nighttime is the most noise sensitive time as people are sleeping. Weekends also have a higher noise sensitivity similar to evenings when people tend to be at home, but not sleeping.

For residential land uses, time of day adjustments include a 5 dB adjustment for the evening and a 10 dB adjustment for the nighttime hours. Weekend daytime hours also receive a 5 dB adjustment similar to evening hours.

### **5.6 Measurement Reports**

After a set of field measurements have been completed, a report of the findings should be issued containing the following information:

1. Make, model, and serial number of each piece of measuring equipment
2. Date and location of the most recent laboratory calibrations
3. Site plan showing measurement locations
4. Statement of on-site calibration verification before and after each series of measurements
5. Name of the engineer conducting the tests

For each measurement location the following information should be noted:

1. Date and time of the measurement
2. Acoustical metrics measured
3. Time and frequency weighting used
4. Microphone location and height
5. Windscreen used
6. Description of the test location including the type of ground and any reflecting surfaces near the SLM or sound source being investigated
7. Primary and secondary sound sources contributing to the measurement

8. Background noise level if investigating a specific sound source
9. Weather conditions: temperature, humidity, wind speed and direction, cloud cover, and sun exposure
10. Photo image showing the sound level meter and intervening ground between the meter and the sound source of interest

## **5.7 Noise Impact Assessments**

### **5.7.1 Purpose and Methods**

A noise impact assessment provides a determination of the likely effects of introducing a new activity on the surrounding area. For new developments or modifications of existing developments involving on site activities that are likely to have a noise impact on the surrounding area, a noise impact assessment should be prepared by a qualified acoustical engineer. ISO 9613 and ANSI S12.62 provide a basic methodology for predictive acoustical site assessment; however, other methodologies may be used as appropriate for the area, conditions, and sound sources being evaluated. A noise impact assessment may be based on measurements of similar sound sources at a different location; however, differences in propagation paths that may affect the noise impact must be accounted for.

### **5.7.2 Present and Future Noise Exposure**

With many sound sources, the noise impact may increase over time, e.g. roadways and other modes of transportation whose usage can be expected to increase in the future. In preparing noise impact assessments for proposed developments, future usage patterns should be included in the analysis.

## **5.8 Existing Noise Regulations**

Best practices and current standards for noise assessment have been covered in Chapter 3. These criteria will be used here to evaluate noise regulations that apply within the City of Centennial.

### **5.8.1 City of Centennial Municipal Code, Chapter 10, Article 12**

The City of Centennial does not currently have a land use noise regulation. Noise violations are defined in the Municipal Code. Two sections of the Code relate to noise assessment.

#### **Sec. 10-12-10. - Legislative declaration.**

It is hereby declared that protection and preservation of the home is of the highest importance; that unnecessary and excessive noise is a significant source of environmental pollution that threatens the public health, welfare, tranquility and good order of the community; and that the prohibitions and other protections set forth in this Article are enacted to secure and promote public peace, welfare, comfort and health.

**Sec. 10-12-20. - General prohibition.**

It shall be unlawful for any person to make, continue or cause to be made or continued any excessive or unusually loud noise which:

- (1) Disturbs, annoys or endangers the peace, repose, comfort, safety or health of others; or
- (2) Endangers or injures personal or real property.

These Code sections do not prescribe an objective measure of excessive noise, but state that “protection and preservation of the home is of the highest importance.” Section 10-12-20(1) prohibits sound that “disturbs, annoys or endangers the peace, repose, comfort, safety or health of others.” No guidance is given for compliance with the Code; however, ANSI S12.9 Part 4 is a standard for assessing annoyance in a community setting caused by noise and would be in alignment, as an objective assessment methodology, with the criteria in Section 10-12-20(1).

**5.8.2 Colorado Revised Statues 25-12-101**

The Colorado Revised Statues seeks to provide statewide minimum standards for noise levels.

**25-12-101. Legislative declaration**

The general assembly finds and declares that noise is a major source of environmental pollution which represents a threat to the serenity and quality of life in the state of Colorado. Excess noise often has an adverse physiological and psychological effect on human beings, thus contributing to an economic loss to the community. Accordingly, it is the policy of the general assembly to establish statewide standards for noise level limits for various time periods and areas. Noise in excess of the limits provided in this article constitutes a public nuisance.

C.R.S. 25-12-103(1) provides some objective maximum limits on permissible sound pressure levels. For residential land uses, the daytime limit is 55 dBA. Evening hours are not defined; however, nighttime hours are from 7:00 pm to 7:00 am. This includes hours that would normally be considered evening. The nighttime sound pressure level limit is 50 dBA which is more typical of a 5 dBA evening penalty than the more customary 10 dBA nighttime level limit reduction.

Acoustical measurements are to be made 25 feet inside the receiving property boundary. This is problematic for a number of reasons. First, it requires entering private property in order to assess the sound level. This makes assessment, monitoring, and enforcement more difficult. It also does not protect the entire receiving property. This can be especially impactful for residents on small lots or rental properties where the back patio may be within this distance.

While C.R.S. 25-12-103(3) does include provisions for impulsive sound,

Periodic, impulsive, or shrill noises shall be considered a public nuisance when such noises are at a sound level of five db(A) less than those listed in subsection (1) of this section.

with a 5 dBA reduction in the allowable sound pressure level, this approach is overly simplistic

and will underestimate the noise impact of highly impulsive sounds.

Overall, the noise assessment procedure in C.R.S. 25-12 appears to be a compromise between simplicity of noise assessment and completeness. While adequate for many sound sources, it will underestimate the noise impact some classifications of sound that include highly impulsive sound and sounds that occur during regular nighttime hours of 10:pm to 7:00 am when most residents are sleeping. The choice of noise assessment location 25 feet inside the receiving property increases the difficulty of monitoring and decreases the level of protection afforded to home owners for the use of their outdoor spaces.

## 6. Characteristics of Pickleball Sound

Spendiarian & Willis has prepared many noise assessments and abatement plans for pickleball courts. This chapter summarizes some of the knowledge gained over the years of working with this sound source.

The main concern in regard to noise from the pickleball courts is the sound produced by the impact of the hard plastic ball on the paddles. This sound is characterized by a sudden onset and brief duration, thus classifying it as impulsive sound. The spectral content of the paddle impact is narrowband with a center frequency typically between 1,000 and 2,000 Hertz. This is near the most sensitive frequency range of human hearing.

### 6.1 Comparison of Pickleball to Other Activities

There is a common misconception that pickleball is acoustically equivalent to tennis, volleyball, or many of the other activities typically found at outdoor recreation centers and parks. Numerous news articles covering disputes over pickleball noise, many of which originate when existing tennis courts are converted to pickleball, demonstrate that this is not the case:

- Cutler, Amy, “Rise of pickleball pitting neighbor against neighbor, leading to lawsuits,” Arizona's Family, Phoenix, Arizona. February 13, 2023. <https://www.azfamily.com/2023/02/13/rise-pickleball-pitting-neighbor-against-neighbor-leading-lawsuits/>
- Arden, Amanda, “Lake Oswego shuts down city pickleball courts indefinitely due to noise complaints.” KION 6 News, Portland, Oregon. January 23, 2023. <https://www.koin.com/local/lake-oswego-shuts-down-city-pickleball-courts-indefinitely-due-to-noise-complaints/>
- Columbo, Mike, “Pickleball plan pits Kirkwood residents against neighboring country club.” Fox 2 Now, Saint Louis, Missouri. January 26, 2023. <https://fox2now.com/news/contact-2/pickleball-plan-pits-kirkwood-residents-against-neighboring-country-club/>
- Sheets, Connor, “Pickleball noise is fueling neighborhood drama from coast to coast.” *Los Angeles Times*, Los Angeles, California. March 3, 2022. <https://www.latimes.com/california/story/2022-03-03/pickleball-noise-fueling-neighborhood-drama>
- Adler, Erin, “Apple Valley neighbors in a pickle over pickleball noise.” *Star Tribune*, Minneapolis, Minnesota. March 27, 2019. <http://www.startribune.com/apple-valley-neighbors-in-a-pickle-over-pickleball-noise/507726242/>
- Bartel, Mario, “Pickleball banished from Port Moody court after neighbours complain of

rising stress, anxiety.” The Tri-City News, Coquitlam, British Columbia, Canada. April 24, 2021. <<https://www.tricitynews.com/local-sports/these-games-are-loud-port-moody-pickleball-neighbours-revolt-against-rising-stress-anxiety-3662369>>

- City of Lakewood, “Green Mountain Courts Closure.” <[https://www.lakewoodtogether.org/pickleball/news\\_feed/green-mountain-courts-update](https://www.lakewoodtogether.org/pickleball/news_feed/green-mountain-courts-update)>
- Higgins, Sean, “No vote on residential pickleball until city adopts new land management code.” KPCW News, Park City, Utah. January 27, 2022. <<https://www.kpcw.org/park-city/2022-01-27/no-vote-on-residential-pickleball-until-city-adopts-new-land-management-code>>
- Maryniak, Paul, “Pickleball lights plan puts two HOAs at loggerheads.” Ahwatukee Foothills News, Tempe, Arizona. November 29, 2017. <[https://www.ahwatukee.com/news/article\\_9056a946-d48e-11e7-9838-8b69fb2d50b2.html](https://www.ahwatukee.com/news/article_9056a946-d48e-11e7-9838-8b69fb2d50b2.html)>
- Bottemiller, Kitty, “Too loud! Pickleball noise upsets neighbors.” Green Valley News, Green Valley, Arizona. August 28, 2013. <[https://www.gvnews.com/news/local/too-loud-pickleball-noise-upsets-neighbors/article\\_542c2aac-0f91-11e3-acdc-0019bb2963f4.html](https://www.gvnews.com/news/local/too-loud-pickleball-noise-upsets-neighbors/article_542c2aac-0f91-11e3-acdc-0019bb2963f4.html)>
- Clay, Joanna, “Woman sues Newport Beach over pickleball noise at park near her home.” Orange County Register, California. April 7, 2016. <<https://www.ocregister.com/2016/04/07/woman-sues-newport-beach-over-pickleball-noise-at-park-near-her-home/>>
- Wheatley, Mike, “Noisy pickleball courts cause upset with homeowners.” Realty Biz News. March 15, 2022. <<https://realtybiznews.com/noisy-pickleball-courts-cause-upset-with-homeowners/98768719/#:~:text=In one lawsuit in Newport Beach%2C Calif.%2C a,are causing them less enjoyment of their home.>>
- Lazaruk, Susan, “Pickleballers face off with residents over noise in Metro Vancouver.” Vancouver Sun, Toronto, Ontario, Canada. February 2, 2022. <<https://vancouversun.com/news/local-news/pickleballers-face-off-with-residents-over-noise-in-metro-vancouver>>
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- Monterey Herald Staff, “Pickleball noise controversy goes before city leaders Pacific Grove neighbors object to game at nearby tennis courts.” The Mercury News, California. September 19, 2019. <<https://www.mercurynews.com/2019/09/19/pickleball-noise-controversy-goes-before-city-leaders/>>
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- Corrigan, James, “York residents complain noise from pickleball club is hurting quality of life.” WMTW News 8, Portland, Maine. November 16, 2021. <<https://www.wmtw.com/article/york-residents-complain-noise-from-pickleball-club-is-hurting-quality-of-life/38271921>>

It should be clear from the above list of references that pickleball constitutes a significant change in the acoustic environment of the area surrounding the courts in comparison to tennis and must be planned for accordingly. In particular, the impulsive sound produced by the impact of the hard plastic ball on the paddle can cause significant noise impact for those living near the courts.

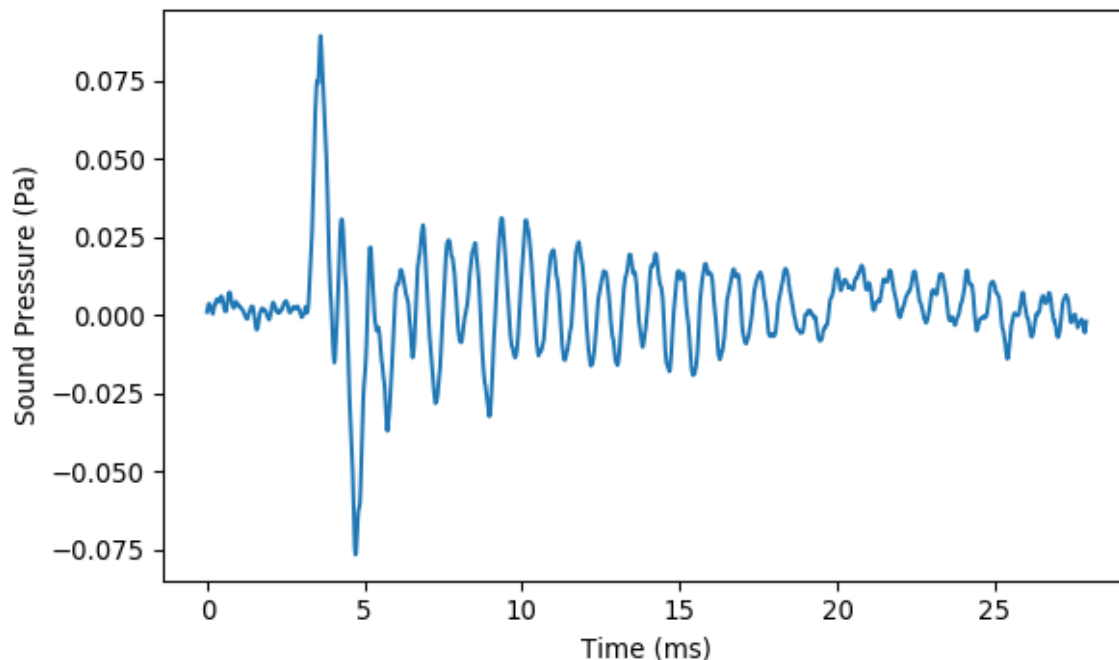
## 6.2 Effects of Impulsive Sound

Persistent impulsive sounds create annoyance because they are similar to sounds that contain important information about our environment such as footsteps, a door opening, a tap at the window, or speech. We are sensitive to these types of sounds because they alert us to events occurring nearby that we may need to respond to. Continuous false alarms such as the popping sound created by pickleball paddle impacts make it difficult to relax, concentrate, or sleep soundly without disturbance as each time a pop is heard it draws the attention, creating distraction.

## 6.3 Acoustical Characteristics

The sound produced by the impact between a pickleball and paddle is characterized by a rapid onset and brief duration, typically on the order of 2 to 10 milliseconds (0.002 to 0.010 seconds) for the direct path sound. This classifies it as impulsive sound. Figure 6.1 shows a time trace of a pickleball paddle impact measured near Phoenix, Arizona. The main part of the direct sound impulse can be seen to be less than two milliseconds followed by a rapid decay and some later reverberant arrivals.



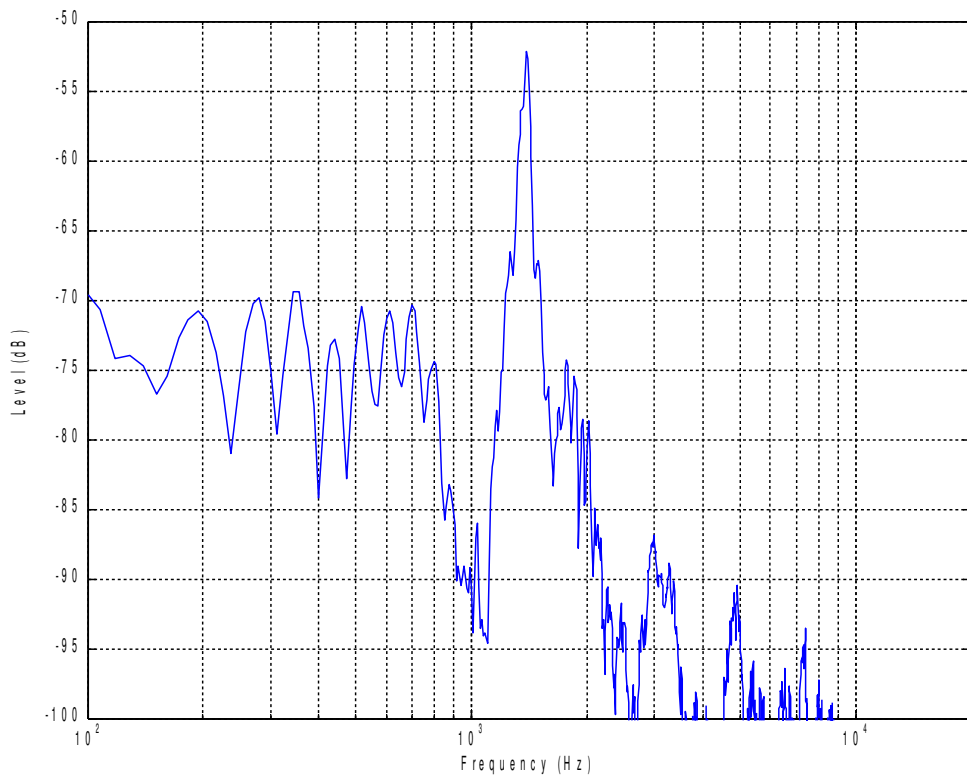


**Figure 6.1. Pickleball Paddle and Ball Impact Sound Pressure Trace**  
1 millisecond (ms) = 0.001 seconds.

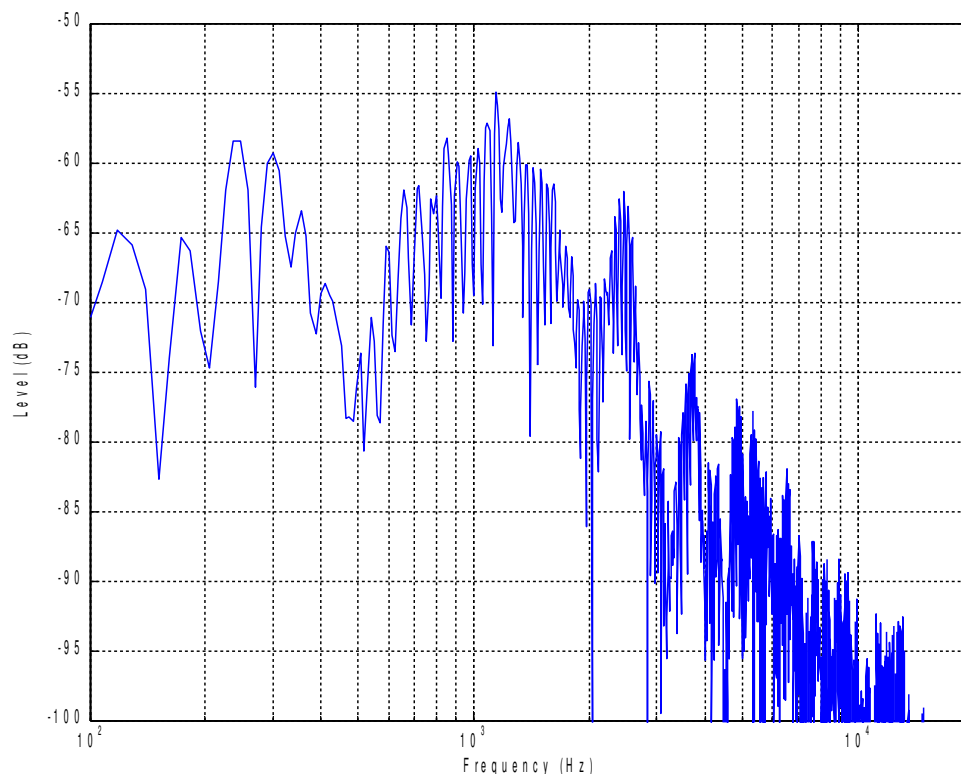
The spectral content of the paddle impact is narrowband with a center frequency typically near 1,000 Hz (see Figure 6.2). Although it does not meet most guidelines for tonal prominence such as Annex C of ANSI S12.9 Part 4 or ANSI S1.13, it does impart a vague sensation of pitch similar to a wood block percussion musical instrument. The radiation pattern of the paddle is more or less a dipole, i.e. the sound from the front and back of the paddle is of opposite polarity and cancels itself in the plane of the paddle. Therefore, orienting the courts so that the direction of play faces away from noise sensitive areas can provide some attenuation.

The sound power spectrum of the pickleball and paddle impact has two basic shapes depending on how the ball is hit. Figure 6.2 and Figure 6.3 show the power spectra of a 'sharp' hit and a 'dull' hit. The curves are not calibrated for absolute level, but can be compared relatively.

The sharp hit spectrum shows a narrowband signature. The frequency of the peak typically varies between 1,000 and 2,000 Hz. The energy in the dull hit is more spread out, but still peaks between 1,000 and 2,000 Hz.



**Figure 6.2. Spectral Response of a Sharp Hit**



**Figure 6.3. Spectral Response of a Dull Hit**

A sound wall design will require effective attenuation in the 1,000 Hz octave band and above. In most applications, any material having a sound transmission class meeting STC 20 can be used to construct a sound wall or fence for pickleball provided best practices for sound barrier construction are followed.

## 6.4 Directivity of Pickleball Courts

The impulsive sound of the paddle impacts is radiated mainly by the large, flat paddle surface. Since both faces of the paddle are connected internally by a honeycomb structure and move together in vibration, one side of the paddle will produce a positive sound pressure while the other produces a negative sound pressure similar to a loudspeaker diaphragm that is not mounted in a cabinet. The result is that these two pressure waves having opposite polarity will cancel in the plane of the paddle where the path length from each face is the same to all receiver locations. This is known as a dipole or figure eight radiation pattern.

The positions of the paddles relative to the court change with each hit; however, the object of the game is to hit the ball to the opposite half of the court. Therefore, the dipole axis of each paddle impact will be in the general direction of play and not completely random. Measurements of

several pickleball facilities have shown that this results in a null depth of 4 to 5 dB. Figure 6.4 compares a typical pickleball court directivity pattern to a mathematical dipole where 0° and 180° are in the direction of play and the null is on the 90° and 270° bearings. Several decibels of attenuation can often be obtained simply by optimizing the orientation of the courts with respect to noise sensitive areas.

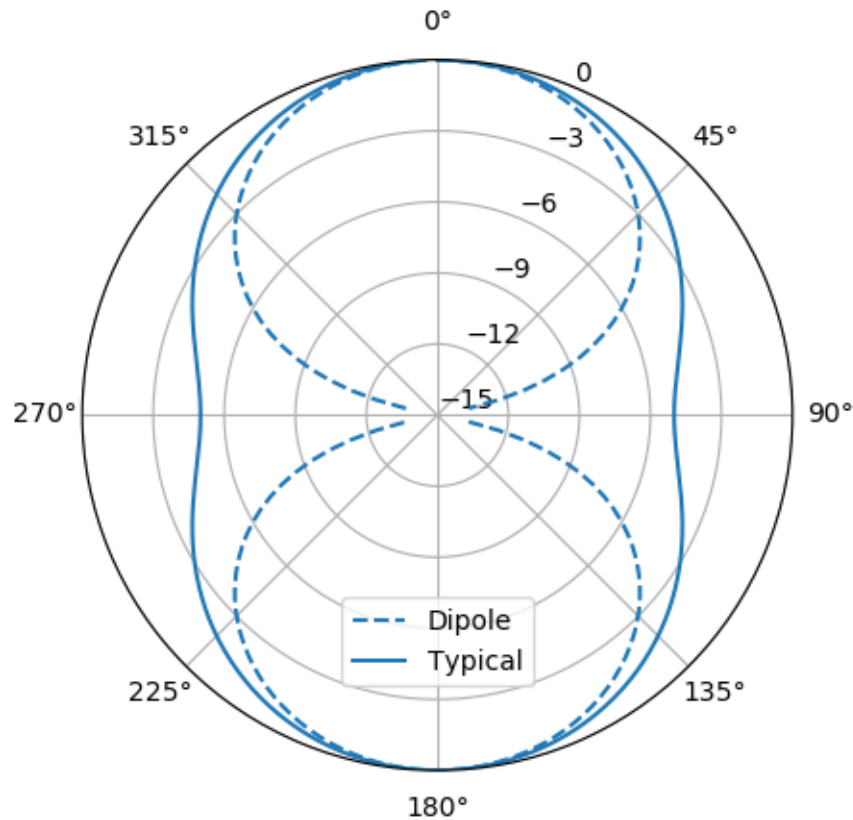


Figure 6.4. Typical Pickleball Court Directivity in Decibels

### 6.5 Noise Impact of Speech

In addition to the paddle impacts, speech is also a sound source on pickleball courts. While there are standards for speech sound power levels at various degrees of vocal effort such as ANSI S3.5, sound from speech emitted from pickleball courts can vary greatly with who is playing on the courts at a given time and be difficult to predict. In practice, noise abatement treatments sufficient to mitigate the paddle impacts should also be sufficient for speech from the courts as the paddle impacts typically have a greater noise impact.

Most noise objections regarding speech on pickleball courts are related to the content of the speech rather than the loudness. While the sound level of the speech can be reduced through abatement treatments, it cannot be made inaudible in most situations. A noise impact of this type must be addressed through court usage policy.

For tournament play, the overall speech pattern becomes more predictable. There are more sound sources that will approach a statistical average such as that described in ANSI S3.5. A total sound power level for the bleachers or spectator area can be calculated based on seating capacity or through direct measurement during a tournament.

## 7. Influence of Environmental Factors

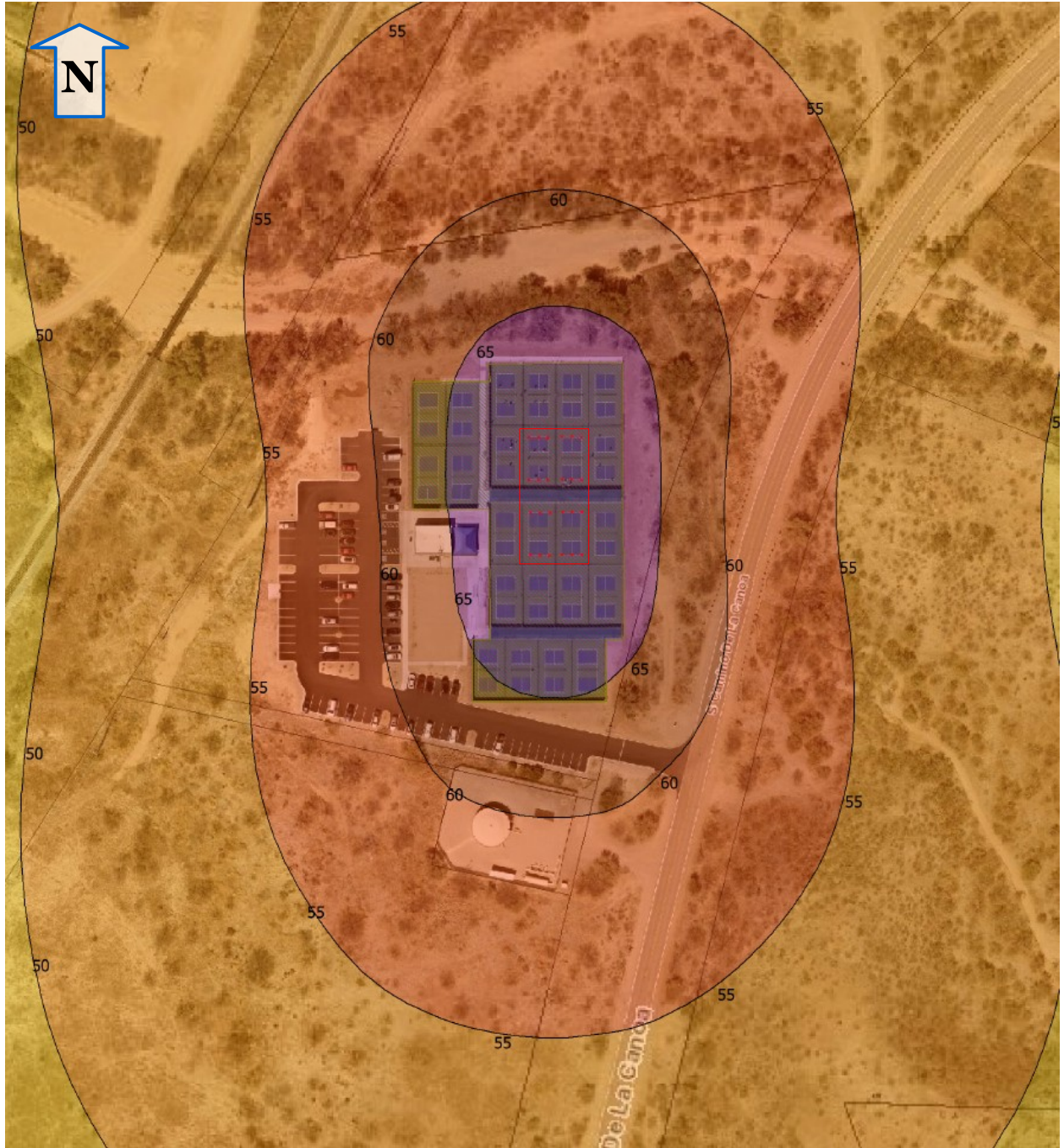
### 7.1 Number and Arrangement of Pickleball Courts

Pickleball courts are usually placed on a rectangular concrete pad approximately 30 by 60 feet. This is one quarter the size of a typical tennis court pad such that a tennis court can be converted into four pickleball courts. An important factor influencing the amount of sound reaching neighboring properties will be the number of pickleball courts. A doubling of the number of courts will result in a doubling of the number of sound sources and therefore the sound power emitted. This corresponds to a 3 dB increase in sound power level. Pickleball courts are, however, not a single sound source, but a distribution of many sound sources spread over the area of the courts. For this reason, sound radiated from pickleball courts will not follow the inverse square law unless the distance from the center of the courts to the point of observation is large compared to the dimensions of the court or group of courts.

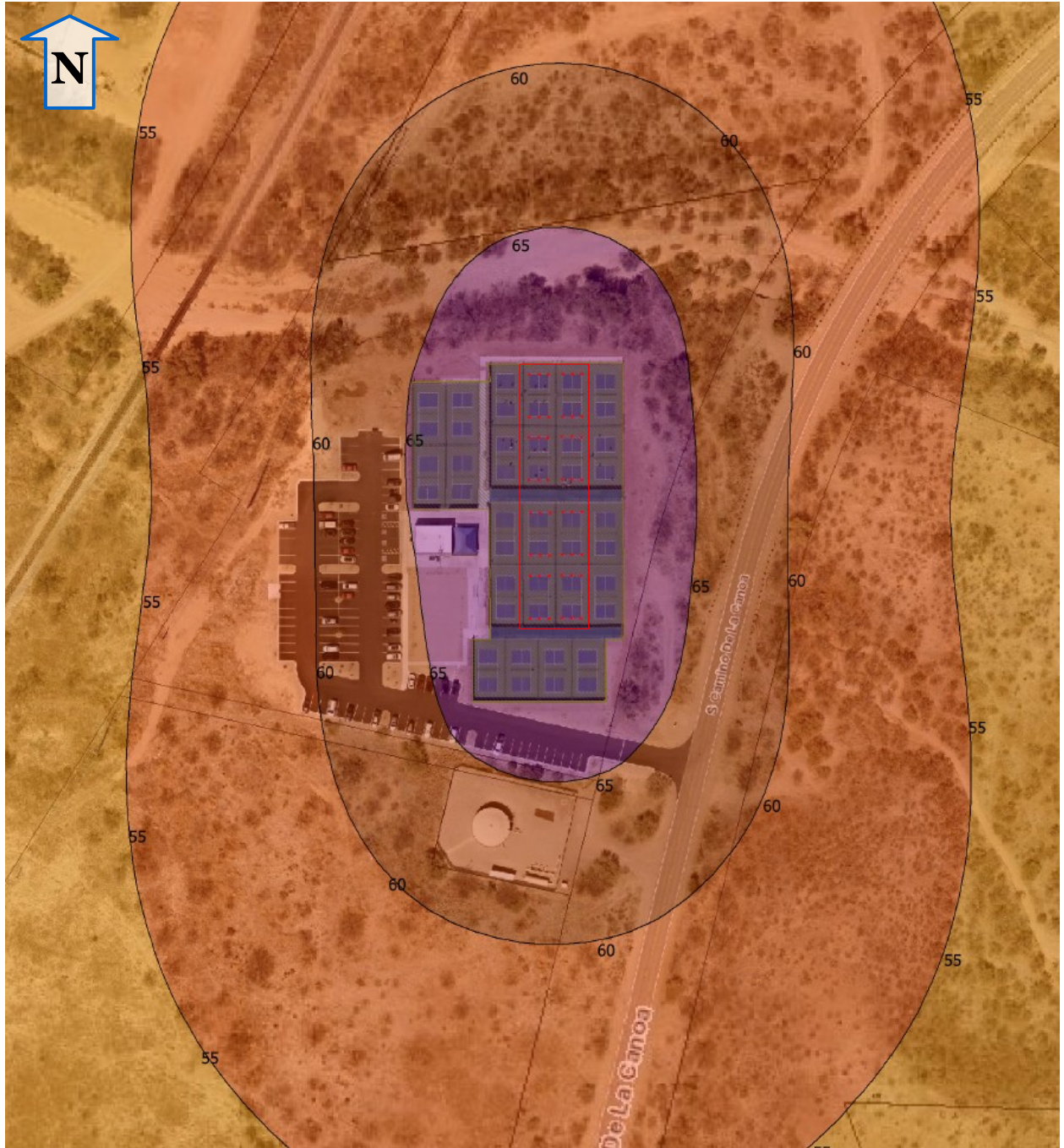
Figure 7.1 shows the ANSI S12.9 adjusted sound pressure level contours (see Section 8.3.3) at a height of 5 feet above grade for four courts, indicated by the red box, at the center of the main group of pickleball courts. For reference, the two groups of eight courts together have a width east to west of 136 feet and a length north to south of 268 feet. The oblong shape of the contours is not a result of the rectangular layout of the courts, but the directivity of the individual courts themselves (see Section 6.4).

The 55 dBA contour extends about 480 feet from the courts in the direction of play and 260 feet laterally. Figure 7.2 expands the number of pickleball courts to eight arranged in pairs end to end. The 55 dBA contour extends about 630 feet from the courts in the direction of play and 350 feet laterally. Figure 7.3 rearranges the eight courts into two rows side by side. The 55 dBA contour extends about 685 feet from the courts in the direction of play and 340 feet laterally. Doubling the number of courts causes the 55 dBA contour to move out 30% to 40% of the distance from the courts pad (red boxes) depending on how the courts are arranged.

The hypothetical examples above were created on level ground with a mixed ground type outside of the concrete pads for the courts (ISO 9613 ground factor,  $G = 0.5$ ). In practice, noise complaints about pickleball courts at distances greater than 500 to 600 feet are rare. Real pickleball sites will usually have topographical features that hinder sound propagation at farther distances as well as structures that block or scatter sound. Pickleball courts across water may be an exception with the possibility of complaints occurring at distances approaching 800 to 1,000 feet.

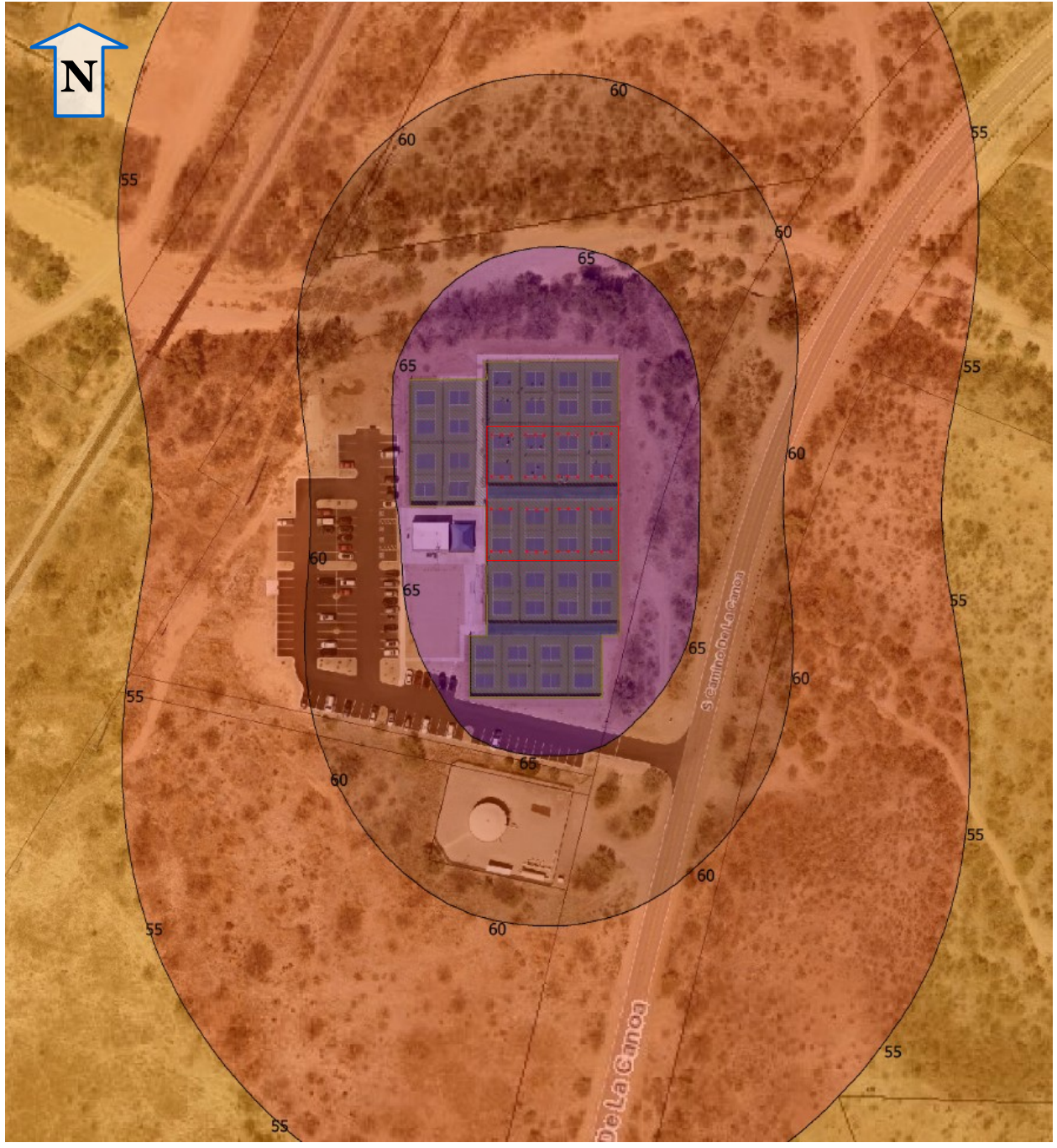


**Figure 7.1. Adjusted Sound Pressure Level from Four Pickleball Courts**



**Figure 7.2. Adjusted Sound Pressure Level from Eight Pickleball Courts Aligned Longitudinally**





**Figure 7.3. Adjusted Sound Pressure Level from Eight Pickleball Courts Aligned Laterally**

## 7.2 Topography

### 7.2.1 Sight Lines

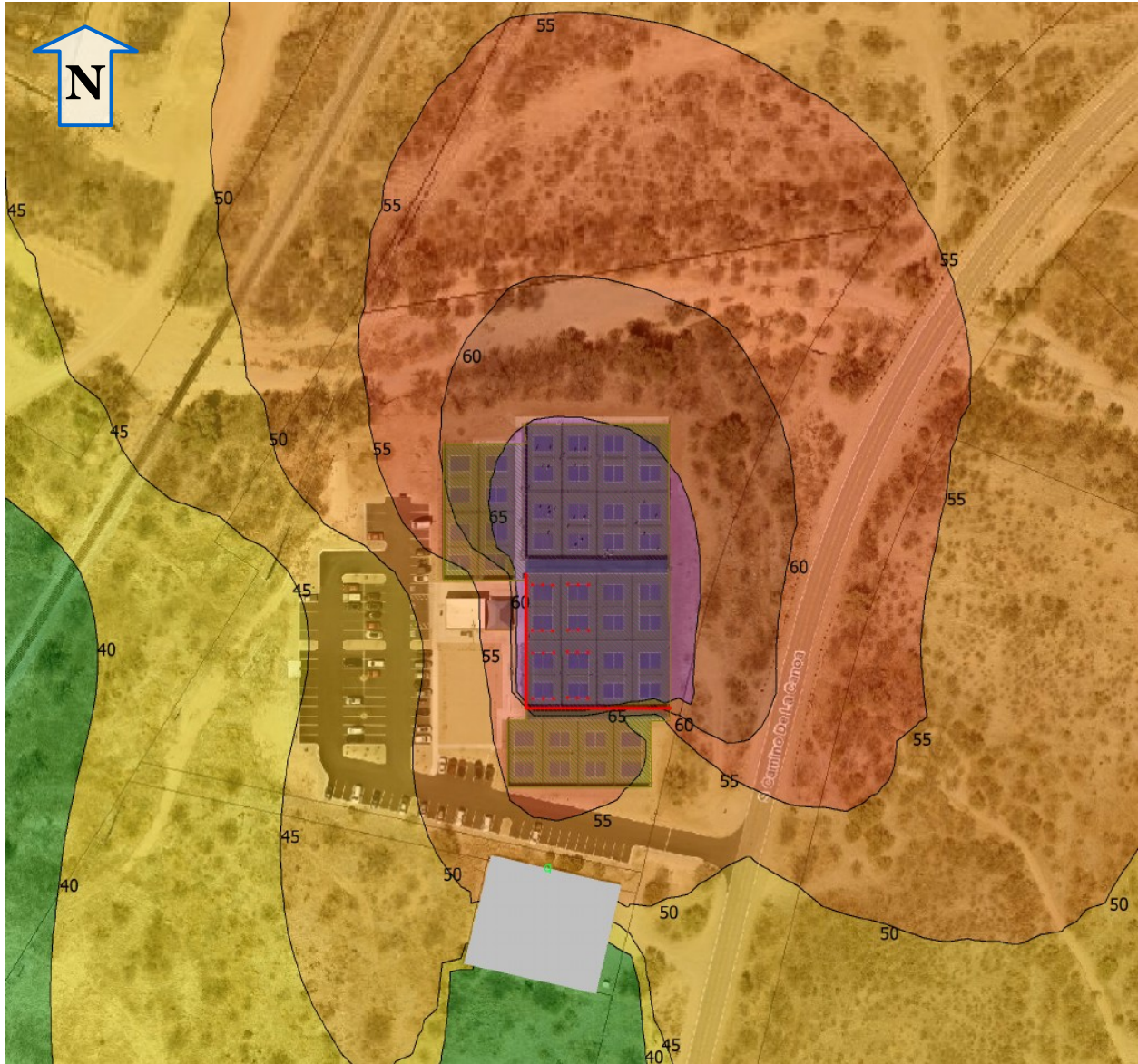
In order for a noise barrier to be effective, it must block the line of sight from the sound source to the point of observation. Homes sitting at an elevation higher than the proposed pickleball courts can be difficult to shield, particularly if they have more than one floor, balconies, or raised decks. Attention must be given to sight lines to determine whether a sound wall system can be a practical solution as a noise abatement treatment.

### 7.2.2 Noise Sensitive Locations Above Ground Level

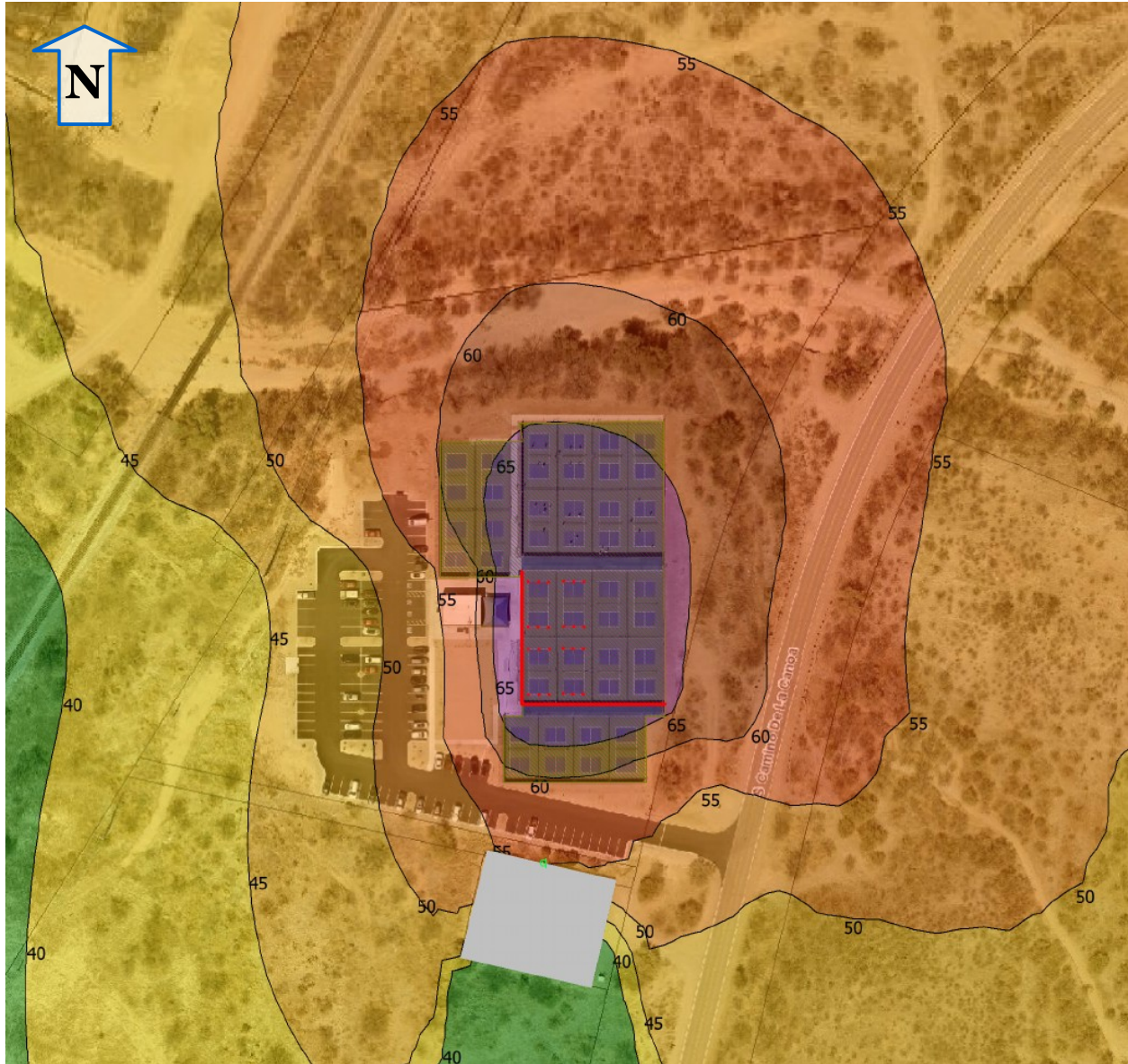
In addition to elevation differences between the pickleball courts and surrounding properties, multistory housing can also result in sight line issues that lead to poor shielding. Figure 7.4 shows a mitigation example with four active pickleball courts in the southwest corner of the complex and a two story building to the south. A 10 foot sound wall (red line) has been placed along the south and west sides of the courts. The sound pressure level contours are at an elevation of 5 feet above grade. The 55 dBA contour does not reach the building.

In Figure 7.5, the elevation of the sound pressure level contours has been raised to 15 feet above grade, about the height of a second floor bedroom window or a person standing on a second floor balcony or raised deck. The 55 dBA contour can now be seen to contact the building. This shows the importance of checking all floors of nearby structures to ensure that acoustical design targets are being met.

It is important to note that, since the observation point on the second floor can overlook the sound wall, some paddle impacts will not be shielded. Although the partial shielding of the majority of the sound source locations is enough to lower the adjusted sound pressure level close to the target level of 55 dBA, peak sound pressures may not decrease as much as the adjusted level since some individual paddle impacts will not be shielded and may still have a significant noise impact.



**Figure 7.4. Adjusted Sound Pressure Level Contours, Four Courts, 10 Foot Wall, 5 Foot Elevation**



**Figure 7.5. Adjusted Sound Pressure Level Contours, Four Courts, 10 Foot Wall, 15 Foot Elevation**

### 7.3 Ground

#### 7.3.1 Attenuation

Some amount of attenuation can occur for sound passing over porous ground. This will mostly include friable soil with vegetation growing on it. Hard surfaces like concrete and asphalt are reflective. Painted concrete surfaces like sports courts are very reflective.

This should be considered when placing a noise barrier on a particular ground type. The barrier will block the ground wave and remove the ground effect. This will affect the performance of the noise barrier. Blocking the ground wave over hard ground will enhance the insertion loss, the difference in before and after sound levels, of the barrier while blocking the ground wave over absorbing ground may cause the insertion loss of the barrier to be less than expected.

### **7.3.2 Refraction**

Refraction caused by temperature gradients over certain ground can effectively cause sound to travel farther. Refraction is the bending of the path sound travels towards regions of lower sound speed, e.g. cooler air. This can be the result of temperature stratification of the atmosphere or wind. In low lying places where cool air tends to collect in the evenings or over irrigated ground where evaporative cooling can occur such as a golf course, a temperature lapse condition can develop with warm air above and cool air below. This will result in sound arcing down toward the ground. Refraction caused by a temperature lapse condition can result in sound arcing over obstacles on the ground that would normally impede its propagation thereby making it louder at farther distances.

### **7.3.3 Valleys**

Parks located at the bottom of a valley can pose a particular challenge as they tend to experience temperature stratification conditions regularly. Further, the sides of the valley may trap sound and send it echoing back to locations on the opposite side. Valleys often require a detailed propagation study to understand how sound moves through the area at different times of the day.

### **7.3.4 Water**

Bodies of water such as a pond or lake are a special type of ground that is highly reflective. It also tends to form a layer of cool air near its surface causing refraction effects similar to those described above. Sound propagation over water can be difficult to predict as its surface changes with wind and weather conditions. In calm conditions sound carries long distances over the surface of water. If a significant portion of the ground between a sound source and receiving property is water a detailed propagation study may be needed to determine the ground attenuation.

## **7.4 Reflective Surfaces**

Surfaces that reflect sound that are close to the pickleball courts can redirect sound in undesirable directions. These surfaces can be building facades, retaining walls, or even noise barriers. Mass-loaded vinyl (MLV) fence covers are particularly reflective and may not be appropriate in some applications. Unpainted masonry walls retain some porosity and will absorb a small amount of sound, but should be considered reflective for the purposes of outdoor sound propagation.

Reflected sound from a single surface may increase the total sound pressure level as much as 3 dB over the level of the sound coming directly from the source. (Due to the short duration of the impulse produced by a paddle impact and its short wavelength it is difficult to get the reflected

sound to sum coherently with the direct sound) The positions of noise barriers must be planned strategically to prevent sound from going in unwanted directions and creating a new noise issue.

Parallel reflective surfaces can severely degrade the performance of a noise barrier. See Section 9.2.3 for more information on this design issue.

## 8. Noise Assessment Procedures for Pickleball Sound

### 8.1 Inaccuracies of Simple Averaging Techniques

#### 8.1.1 Equivalent-continuous Sound Pressure Level

The equivalent-continuous level ( $L_{eq}$ ) is a type of average sound pressure level over the entire period of a measurement. It represents a sound pressure level that has the same total energy as a measured sound pressure level that may vary over the time of the measurement.

While the equivalent-continuous sound pressure level includes all acoustical events and background noise that occur during the time of a measurement, including short impulsive events such as pickleball paddle impacts, it only gives an indication of the average level. It is not strongly influenced by peak sound pressure levels. For example, four pickleball courts may produce 50 to 60 paddle impacts each minute. That is one impact about every second. Equivalent-continuous averaging will therefore spread the energy of each paddle impact over a period of about one second. The result is that the paddle impacts will usually be indistinguishable from the background noise due to their very short duration. This, however, will not be what is reported by observers near the courts.

The main issue with using equivalent-continuous sound pressure level with pickleball is that it cannot be used to assess impulsive sound. This is the primary concern of neighbors living close to pickleball courts. A different metric that can account for the noise impact of the paddle impacts must be found.

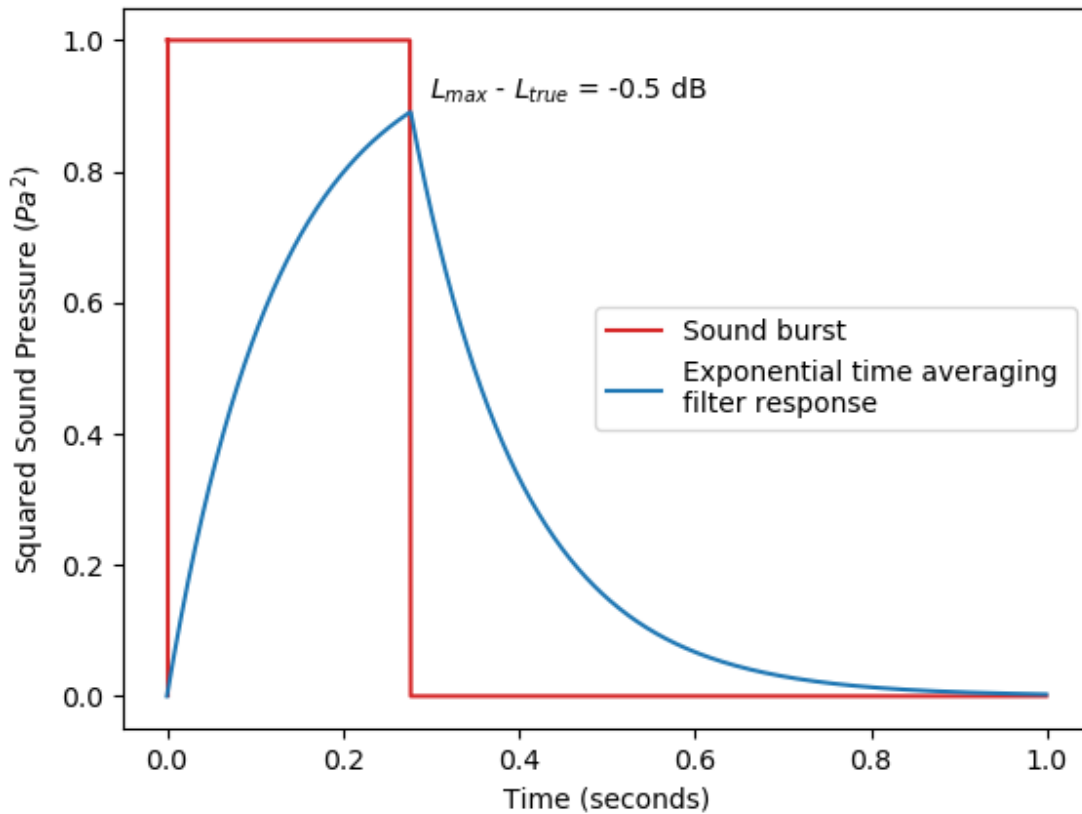
#### 8.1.2 Exponential Time Weighting

Sound level meters will typically have two smoothing filters called fast and slow time weighting having time constants of 0.125 and 1.0 second respectively. These are first order lowpass filters applied to the square of the sound pressure and are known as exponential time weighting. Some meters will also have an impulse peak hold filter with a 35 millisecond time constant on the rise of the sound pressure level and a slow 1.5 second decay to assist in reading the maximum level.

Fast exponential time weighting is often recommended for assessing impulsive sound. For highly impulsive sounds having short durations this metric does not work well. When the averaging time of the time weighting is longer than the duration of the impulse, the impulse is in the stopband of the lowpass filter. In other words, the time weighting is filtering out the impulsive sound source being measured. That is the purpose of a smoothing filter.

Figure 8.1 demonstrates the filter response to a burst of sound just long enough to achieve a reasonably accurate reading within 0.5 dB of the true sound pressure level. The red curve represents the envelop of a burst of sound 0.277 seconds in duration. This is the time required for

the output of the fast exponential time averaging filter (blue curve) to rise to within 0.5 dB of the actual sound pressure level of the sound burst. When the sound burst ends, the output of the exponential time averaging filter begins to decay. The peak value in the output of the fast exponential time averaging filter, after being converted to sound pressure level, is known as the Lmax level.



**Figure 8.1. Fast Time Averaging Filter Response to a 0.277 Second Sound Burst**

Figure 8.1 shows the behavior of the fast exponential time averaging filter and Lmax when used properly. Figure 8.2 illustrates how the fast exponential time averaging filter responds to a typical pickleball paddle impact. Note that the time scale has been reduced for clarity. At the end of the 0.002 second impulse, the fast exponential time averaging filter has only had time to rise to a level that is 18 dB below the true sound pressure level of the impulse. The pickleball paddle impulse is so much shorter than the time constant of the averaging filter that the exponential



curvature of the filter response is not even visible. It is clear that fast exponential time weighting, much less slow exponential time weighting, cannot be used to assess the noise impact of pickleball paddle impacts.

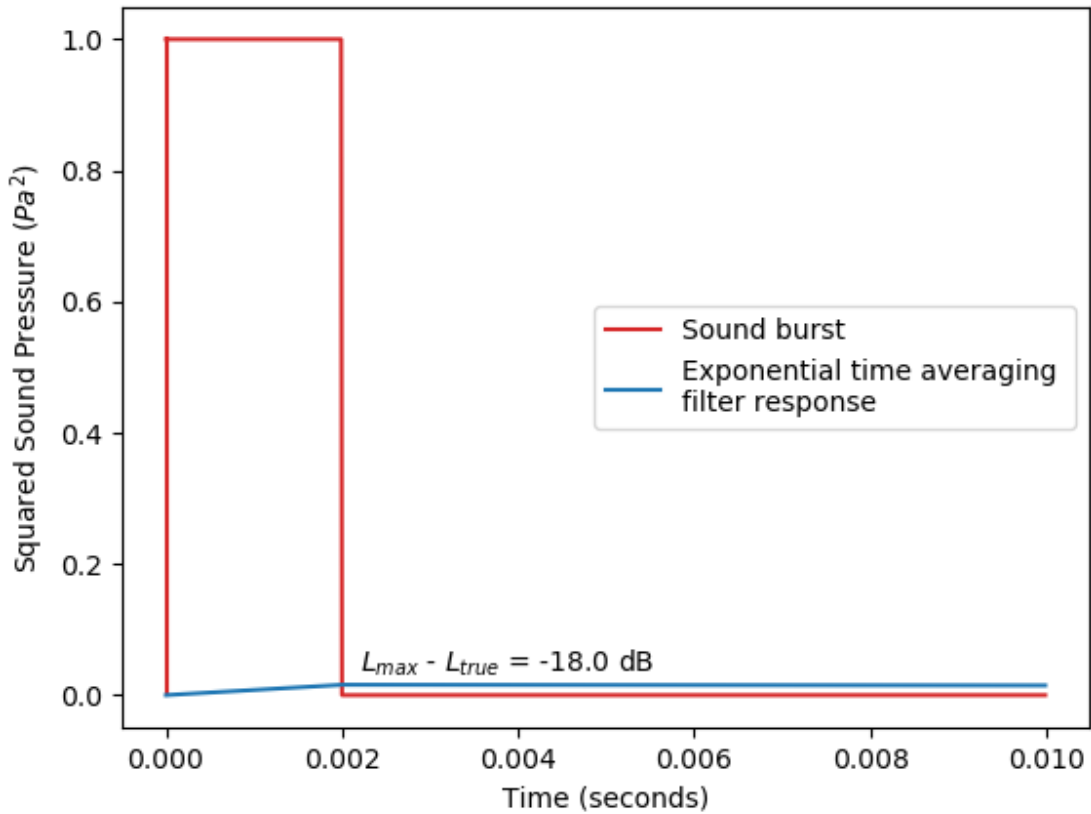


Figure 8.2. Fast Time Averaging Filter Response to a Typical Pickleball Paddle Impact

### 8.1.3 Percentile Sound Pressure Levels

Another common method of analyzing sound pressure level over time is to rank the levels by the percentage of time that a given level is exceeded. Percentile sound pressure level is described in Section 5.1.5. For impulsive sound, percentile levels suffer from the issues of both equivalent-continuous and exponential time weighted levels.

The majority of the energy in pickleball paddle impacts constitutes a very small percentage of the total measurement time. Even very low percentile levels like LA<sub>01</sub>, the sound pressure level

exceeded 1% of the time, are little influenced. Further, percentile levels are usually calculated from the fast exponential time weighted level, a metric that already strongly attenuates the short duration impulses of the paddle impacts. Like the previous averaging methods, percentile sound pressure levels do not distinguish paddle impacts well from background noise and correlate poorly with the community response to this type of sound source.

## 8.2 Best Practices for Assessment of Impulsive Sound

Assessment of impulsive sound is multi-dimensional. In addition to loudness, other characteristics like onset rate, duration, and frequency range need to be considered as well to gauge the true noise impact. Due to the short duration of paddle impacts, averaging sound pressure level metrics such as equivalent-continuous level (LAeq), maximum fast exponential time weighted level (LAm<sub>ax</sub>), and impulse time weighting (LAI) fail to accurately represent the perceived loudness and annoyance of the paddle impacts and impact processes in general. To get a better correlation with the actual response of the surrounding community to this type of sound metrics with a shorter time scale are needed.

The paddle impact sound pressure level is better represented by a combination of peak sound pressure level and sound exposure level (SEL). Using the sound exposure level involves windowing the measured sound pressure in time to include only the paddle impact and reflections from nearby surfaces as seen in Figure 6.1. The equivalent-continuous sound pressure level of the windowed impact is then normalized to the length of the window giving a representation of the energy in the impact alone. Appropriate adjustments for impulsive sounds can then be applied to the impacts as described next.

Most acoustical standards for sound pressure levels with regard to compatible land use provide adjustment factors for different types of sound, e.g. impulsive, tonal, time of day, etc. Each of these categories of sound produces different levels of community impact and annoyance due to their temporal or spectral characteristics in comparison to a broadband sound that does not vary in level or frequency content with time. The purpose of the adjustment factors is to normalize these types of sound to a neutral broadband sound pressure level so that they can be reasonably compared to a defined sound pressure level limit.

ANSI S12.9 Part 4 and ISO 1996 Part 1 give criteria for assigning adjustment factors to a variety of sound classifications. Sounds produced by impact processes are typically classified as ‘highly impulsive’ due to their high onset rates and intrusiveness and assigned a 12 dB adjustment. Experience has shown that pickleball paddle impacts should be adjusted as highly impulsive sounds in order to set appropriate performance goals for abatement treatments. Inadequate abatement treatment may lead to ongoing complaints, strained relations with neighbors, legal action, the need for continued involvement on the part of authorities, retrofitting, and possibly demolition costs to improve the abatement later.

## 8.3 Measurement Procedures for Highly Impulsive Sound

### 8.3.1 Measuring the Paddle Impacts

General procedures for conducting and reporting acoustical measurements have been covered in Chapter 5. For pickleball, the sound level meter should be set up to record continuous audio. This will be needed for assessing the impulses produced by the paddle impacts. The audio should be written to an uncompressed file format such as WAV with the following properties.

- Encoding: linear PCM WAV file format or other suitable lossless audio file format
- Sampling rate: 48 kHz (minimum)
- Resolution: 24 bit (minimum)

Audio recordings of the field calibration tone should be made as well and the Leq noted for future reference.

Logged data should be sampled at no more than one second intervals and include for each log interval,

- Peak sound pressure levels
  - LApk (A-weighted peak level)
  - LZpk (unweighted peak level)
- For speech assessment
  - LAmx (maximum A-weighted fast exponential time weighted level)
- For background level
  - LAeq (A-weighted equivalent-continuous level)
  - LAF (A-weighted fast exponential time weighted level)
  - LAS (A-weighted slow exponential time weighted level)

### 8.3.2 Measuring Background Levels

Background noise level measurements should be made without pickleball activity at each measurement location. In practice it has been found that background levels should be performed either before or after the pickleball courts are in use so as not to disrupt the rhythm of play by starting and stopping or otherwise interfering with the use of the courts. For noise monitoring situations where the sound level meter is left to run all day it may be necessary to find a time in the recorded data where the pickleball courts were not being used in order to assess the background noise level at different times of day.

### 8.3.3 Data Analysis

Analysis of the measured data is performed on the sound exposure levels of the individual, A-weighted paddle impacts. A minimum of 30 paddle impacts should be obtained at each test location.

#### Sound Exposure Level

Some analysis and reporting software packages that work with a particular sound level meter may be able to do sound exposure analysis; however, they must be able to work on time scales less than one second. While the main part of the acoustical energy occurs within about a 10 millisecond window, later reflection and reverberation must also be included in the sound exposure window. The sound exposure should include all of the initial impulse and reverberant decay tail. See Sections 5.1.6 and 5.5.3 for more information on calculating sound exposure level.

#### Background Noise Correction

A background correction should be applied to each paddle impact. Since these are short impulses, only a small sample of the background noise immediately before, or if necessary after, the paddle impact is needed. This will give a more accurate correction in areas of high activity where the background noise level is fluctuating between paddle impacts. The procedure for background noise correction is explained in Section 5.3.2. It should be carried out on the equivalent-continuous level of the individual paddle impact, not on the sound exposure level directly. The background corrected equivalent-continuous level of the paddle impact is then converted to a sound exposure level for further analysis.

#### Adjusted Sound Pressure Level

There are two adjustments that will normally apply to pickleball paddle impacts, highly impulsive and day of week. The highly impulsive adjustment is 12 dB.

Noise assessment should be performed for the most impactful use case. A 5 dB adjust is therefore applied to account for the additional noise sensitivity during times when neighbors tend to be at home such as weekends and evenings.

This brings the total adjustment to 17 dB. The adjustment can be applied directly to the calculated sound exposure levels.

Now that the sound exposure levels have been adjusted, the adjusted sound pressure level can be calculated. This procedure is explained in Section 5.5.3. The adjusted sound pressure level can now be compared to applicable maximum permitted sound levels.

## 8.4 Noise Assessment of Spectator Speech

For larger crowds of people such as found at a tournament, ANSI S3.5 provides standard speech power levels for different vocal efforts. The loud vocal effort may be most appropriate for most events.

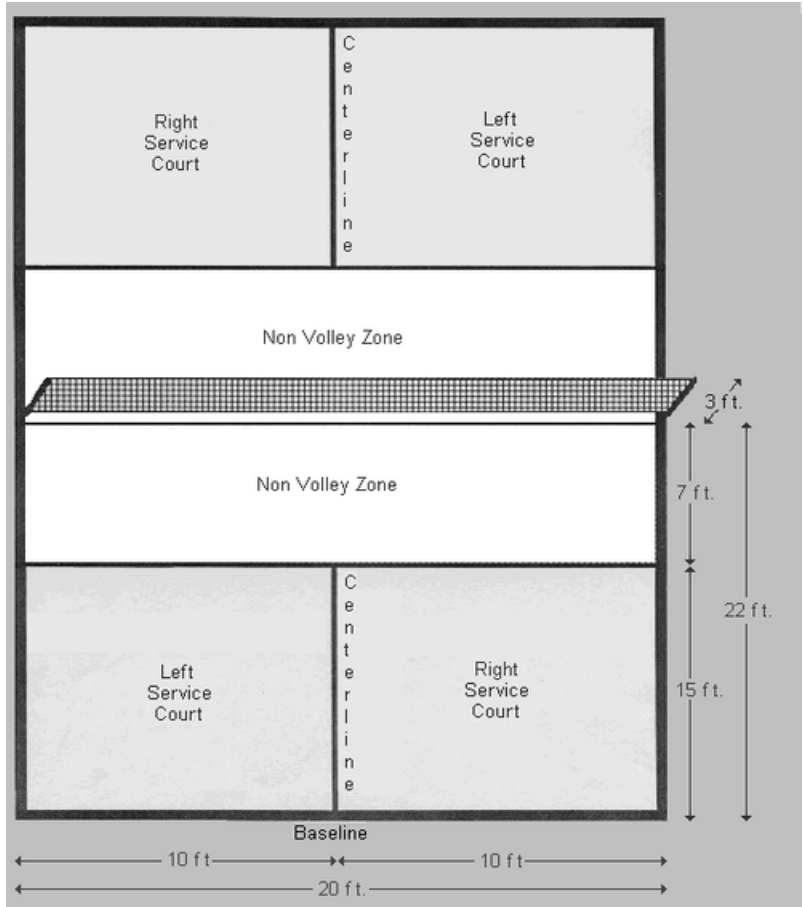
Sound pressure level measurements of spectators at a tournament would be a better estimate where possible. Differences in the number of spectators present during the measurement and the number expected at the proposed venue should be taken into account.

## **8.5 Site Simulation**

An ISO 9613 or other suitable outdoor sound propagation standard can be used to calculate sound pressure levels at neighboring properties. Other more detailed environmental noise simulation methods exist and are also acceptable; however, ISO 9613 is simple and widely used with reasonable accuracy in most situations. There are many software packages available that implement this standard propagation model such as SoundPlan and iNoise.

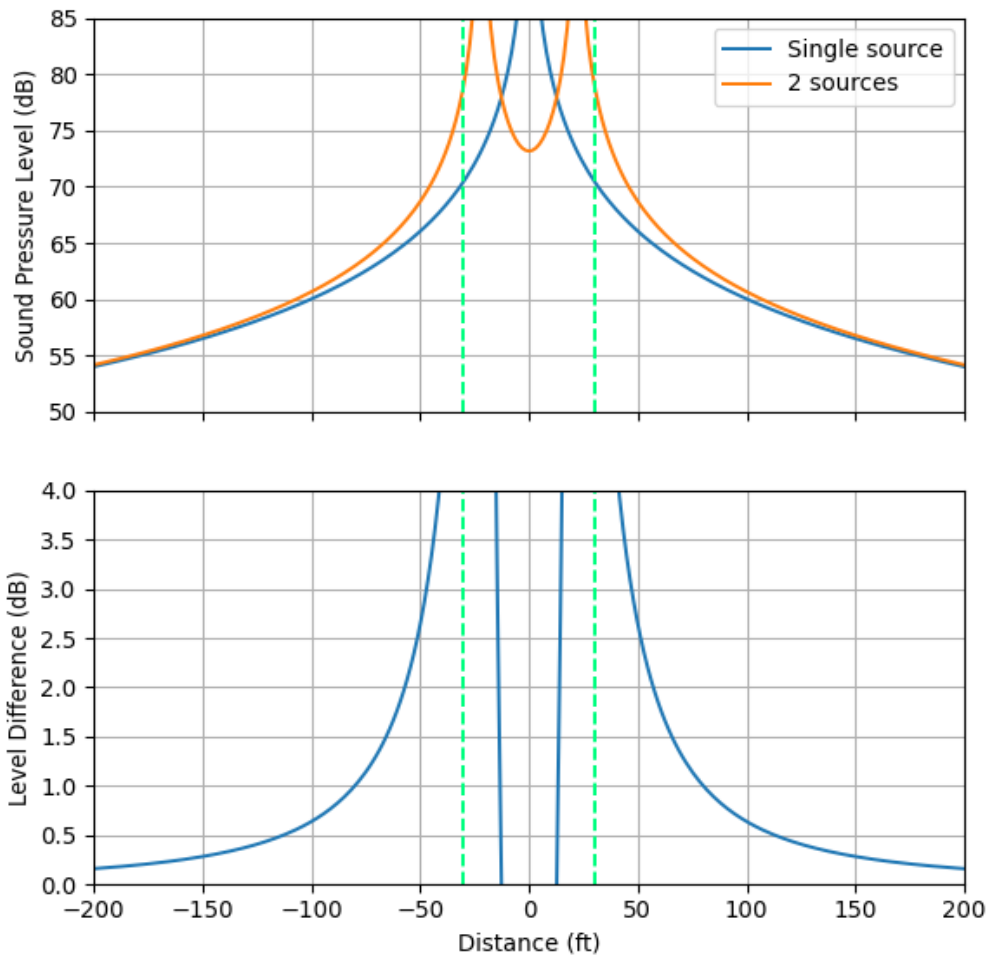
### **8.5.1 Modeling Distributed Sound Sources**

Figure 8.3 shows the dimensions of a pickleball court. Most paddle impacts occur between the baseline and no volley zone on each half of the court; however, serves are required to be made from behind the baseline.



**Figure 8.3. Pickleball Court Dimensions**

Sound radiated from pickleball courts will not follow the inverse square law until the distance to the point of observation is large compared to the dimensions of the court or group of courts. The inverse square law states that sound radiated from a point source will decrease in level at a rate of 6 dB for every doubling in distance. As seen in Figure 8.4, this does not hold true for distributions of sound sources at close range. The figure compares two sound sources at the opposite baselines of a pickleball court to a single source approximation located at the center of the court. The vertical dashed green lines represent the edges of the concrete pad. The lower graph is the difference between the two curves in the graph above. The point of observation must be almost three court lengths before the level difference is within 0.5 dB.



**Figure 8.4. Sound Pressure Level at Distance from Court Center for One and Two Sources**

For this reason, it is recommended to use multiple sound sources on each pickleball court when constructing an acoustical model of the courts. A vertical area source, i.e. a distribution of sound sources on a vertical plane located at the baseline at each end of each court extending the width of the baseline and from the playing surface to a height of 8 feet, is recommended. This arrangement is chosen for simplicity and to better ensure that the extents of noise barriers are not underestimated in the noise abatement planning stage.

### 8.5.2 Pickleball Court Directivity

As described in Section 6.4, pickleball courts have a directivity pattern that is bidirectional. Measurements at numerous pickleball courts have shown that the directivity pattern can be

approximated as shown in Table 8.1 or by using Eq. 8.1 where  $\theta$  is the angle of the receiver with respect to the direction of play and D is the attenuation in decibels from the directivity.

$$D=20 \log_{10}(\sqrt{(\cos^2(\theta)+10^{(-5.5/10)} \sin^2(\theta))}) \tag{8.1}$$

Angle (deg)	Attenuation (dB)
0	0.0
10	-0.1
20	-0.4
30	-0.8
40	-1.4
50	-2.2
60	-3.1
70	-4.0
80	-4.7
90	-5.0
100	-4.7
110	-4.0
120	-3.1
130	-2.2
140	-1.4
150	-0.8
160	-0.4
170	-0.1
180	0.0

**Table 8.1. Pickleball Court Directivity Pattern**



## 9. Noise Abatement Methods

When a noise impact assessment indicates that activities planned for a site exceed the limits set in the noise regulations, a noise abatement plan to bring the site into compliance should be prepared by a qualified acoustical engineer.

### 9.1 Setbacks

A noise abatement plan begins with sufficient setback to noise sensitive areas to make abatement treatments effective. Any given noise abatement treatment will produce a limited amount insert loss or attenuation. A noise abatement plan for a site generally consists of a number of different treatments that work together to achieve an acceptable sound level in the surrounding area. Any deficit in the amount noise reduction achievable through mitigation treatments must be made up for in setback. In short, the setback is what makes the rest of the noise abatement plan possible.

One approach to setbacks is to simply prescribe a minimum setback with regard to all residential land uses. This has been done recently by Park City, Utah. Under their new pickleball code amendment [Park City], proposed pickleball courts within 600 feet of residential properties must have a noise abatement plan prepared. Pickleball courts within 150 feet of residential properties are not permitted.

This approach has the advantage of being easy to understand and apply; however, there are some situations where it may not be possible to create an effective noise abatement plan at 150 feet due to elevation differences or multi-story housing that make sufficient shielding by a sound wall impractical or impossible. In some special cases it may be possible to mitigate pickleball courts closer than 150 feet. Thus a 150 foot setback requirement would be overly restrictive in these applications.

Pickleball courts within 100 feet of residential land uses have proven to be problematic resulting in lawsuits, strict limitations on usage, and court closures. Courts within 150 feet of residential land uses require careful noise abatement planning using modern methods of noise assessment for highly impulsive sound such as ANSI S12.9 Part 4 described in previous chapters and strict adherence to design specifications.

### 9.2 Noise Barriers

#### 9.2.1 Performance Requirements

Sound walls and fence covers are the main noise abatement treatments utilized for pickleball noise control. Sound walls are a more permanent and aesthetic solution while fence covers have lower material and installation costs. Both types of barriers can have reflective or sound absorbing surfaces.

There are a variety of materials and products available that are acceptable for pickleball mitigation. It is important that they meet a few minimum requirements.

Sound must not be able to penetrate through the barrier material. For pickleball, this means the barrier material must have a minimum sound transmission class (STC) of 20. This is not difficult to achieve with many solid materials that can include many options from mass-loaded vinyl (MLV) fence covers to masonry walls. Materials such as wind screens attached to court fencing and vegetation in the form of hedges provide a level of visual privacy, but should not be considered noise abatement treatments.

In order to maintain the integrity of the barrier transmission loss, penetrations in the barrier surfaces cannot exceed 1% of the surface area. There can be no gaps between the bottom of the barrier and the ground or between barrier sections. Fence covers must be installed with the manufacturer's recommended amount of panel overlap.

### 9.2.2 Fence Cover Safety Notice

## IMPORTANT

Standard chain link court fencing may not be rated for wind loading with a solid material attached. This can pose a danger of fence collapse in high winds. Many fence manufacturers produce reinforcement kits to stabilize fencing for this type of loading. It is important to consult with the fence manufacturer or a structural engineer prior to attaching MLV, sound blankets, or anything other solid material to an existing open link fence.

### 9.2.3 Parallel Surfaces

A common problem encountered when designing a noise barrier system for pickleball courts is the need to shield homes on opposite sides of the courts. Arranging reflective noise barriers so that they have parallel faces creates a situation where the sound is trapped between the interior surfaces and cannot dissipate. It has nowhere to go but over the noise barrier. This will significantly degrade its acoustical performance. If this layout cannot be avoided by changing the relative positions of the two walls, sound absorption will be needed on the interior surfaces to control acoustical energy buildup.

Figure 9.1 shows a performance comparison of several surface materials on opposite sides of two pickleball courts arranged end to end. Carsonite is a sound wall system with integrated sound absorption. It is commonly used for noise mitigation along roadways and absorbs well at 1,000 Hz, the critical frequency for pickleball paddle impacts. AudioSeal is an outdoor sound absorbing blanket material that can be attached to a fence. It does not absorb as well as the Carsonite at higher frequencies, but still performs adequately. The MLV curve is notably higher than the AudioSeal and Carsonite curves due to its high reflectivity at 1,000 Hz.

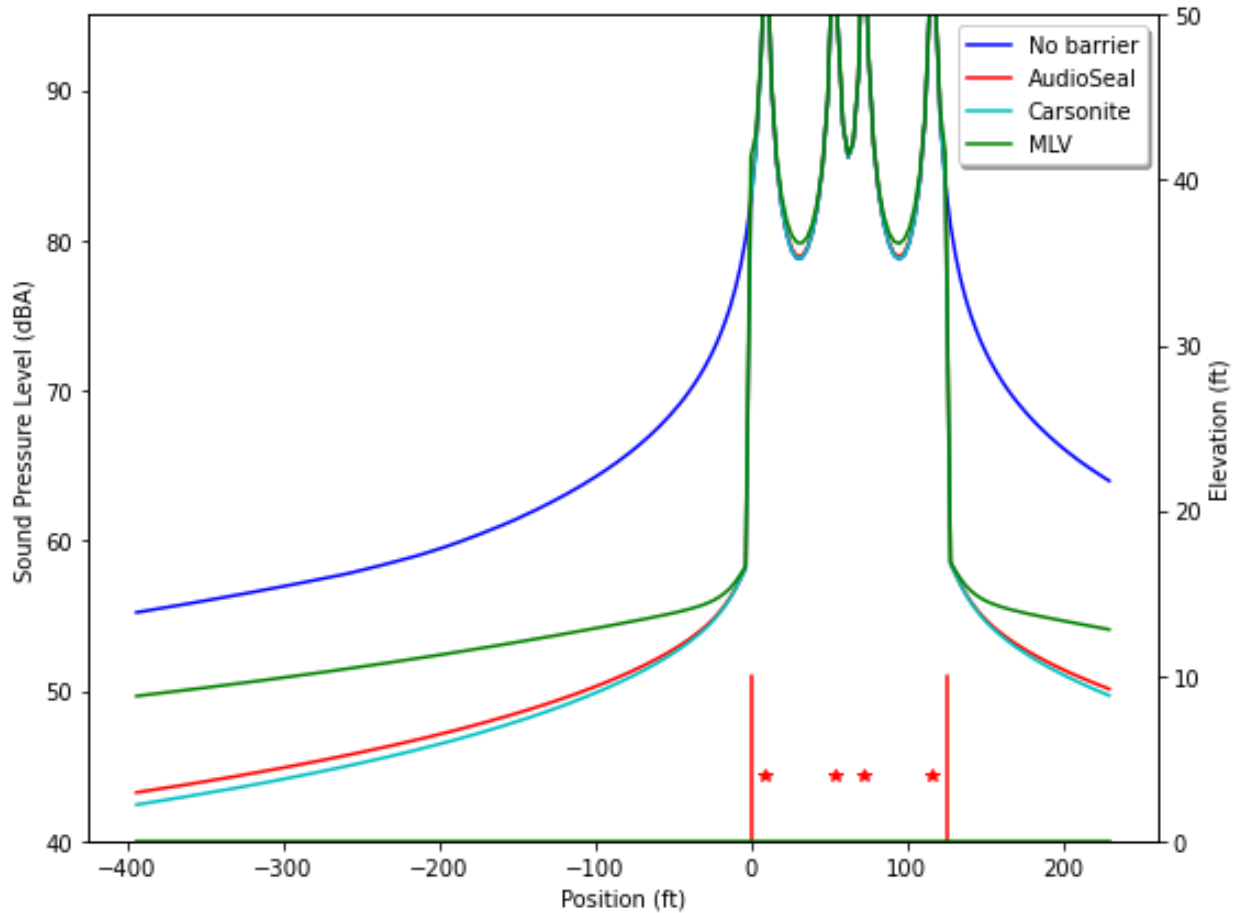


Figure 9.1. Performance Comparison of Interior Parallel Surfaces of Noise Barriers

It should also be noted that the slopes of the AudioSeal and Carsonite curves are almost identical to the slope of the curve for no noise barrier. The MLV curve has a notably shallower slope that trends toward the no barrier use case at distances farther from the noise barrier. This is the result of the large number of high amplitude image sources produced by reflective interior surfaces of the MLV.

Note: The ISO 9613 standard contains provisions for only one reflection. Acoustical simulation software implementing this standard will not calculate the case of parallel walls accurately. The above figure was created using multiple image sources and 40<sup>th</sup> order reflections for the MLV surfaces in order to get convergence on a solution.

### 9.2.4 Lowering Pickleball Courts

One approach to free standing sound walls is to lower the elevation of the pickleball courts by excavating the soil at the location of the courts and using it to create a berm next to the courts. While this can have some acoustical benefits in some situations, it is more of a cost saving design choice. By constructing the sound wall on top of the berm, a lower wall height will be

required and the wall will be less expensive to build.

### 9.2.5 Ventilation and Air Flow

In summer, pickleball courts, like any outdoor sport played on a hard court, can become hot. Sound walls and fence covers will impede the air flow over the courts and make the courts feel even warmer. It may be possible to alleviate this to a degree by using overlapping wall sections that allow some breeze to pass through. This usually requires an overlap of at least four times the width of the gap between the wall sections. Sound absorbing material may also be needed in the gap to control flutter reflections that allow sound from the pickleball courts to work its way through the overlap. There must be no line of sight to players on the courts possible through the gap. If necessary, add a wall extension to shield the outside opening of the overlap. This wall layout can also be used as a passageway for ingress and egress.



Figure 9.2. Sound Wall Overlap

### 9.3 Court Orientation

From the examples of pickleball court directivity in Section 7.1, it is apparent that the orientation of pickleball courts can be used as a noise mitigation measure. By turning the courts so that a noise sensitive area is to the side of the courts, sound levels in that direction can be reduced 3 to 5 dBA.

This may not be an ideal solution in some situations. It is preferable to have the direction of play roughly north-south to reduce glare from the sun during play. It is, however, worth the effort to take advantage of this characteristic of pickleball paddle radiation when it will not interfere with the use of the courts.

### 9.4 Sound Masking

#### 9.4.1 Masking Requirements

Masking of a sound source refers to changing the threshold of hearing by introducing another

sound source such that the first sound source can no longer be heard. This is difficult to achieve with impulsive sounds because of their high peak sound pressure levels. Since impulsive sound is by nature intermittent and of limited duration, a masking source would have to operate continuously at a high amplitude in order to mask the impulse. This will often create a new noise issue.

Pickleball paddle impacts produce sound mostly in the 1,000 Hz octave band. The masking source must therefore also produce sufficient sound in the 1,000 Hz octave band to cover the sound of the paddle impacts.

#### **9.4.2 Roadways**

Roadways are a broadband, continuous sound source. In general, even busy highways are not able to mask pickleball courts due to the high peak sound pressures of the paddle impacts. Traffic noise tends to be mostly low to mid frequency sound and does not have sufficient energy in the 1,000 Hz octave band to effectively mask pickleball.

It appears to be a common perception that placing pickleball courts in neighborhoods located close to main arteries or interstates will prevent noise issues due to the sound from the roadway. In practice, this has not proven to be the case as seen at Glenhaven Park in La Cañada Flintridge, California [La Cañada Flintridge]. This neighborhood park is located adjacent to Interstate 210 on the north side of Los Angeles.

#### **9.4.3 Fountains**

There is some evidence that water fountains can be beneficial under certain conditions. As discussed above, a masking source must produce sufficient sound in the 1,000 Hz octave band and operate at all times in order to mask pickleball. Water falling on water can produce significant sound in the 1,000 Hz octave band.

Fountains located close to a noise sensitive area such as a back patio that is several hundred feet from pickleball courts may produce partial masking of paddle impacts from the courts. It may be possible to reduce this distance with a sound wall system at the pickleball courts.

For noise sensitive areas close to pickleball courts this is not likely to be an effective noise abatement treatment. Larger noise sensitive areas or larger numbers of homes will require multiple fountains in order to keep the distance from the fountains to the individual homes relatively small compared to the distance to the pickleball courts.

### **9.5 Full Enclosure of Pickleball Courts**

For outdoor pickleball courts that cannot be mitigated because of insufficient available setback, topography, elevation features of the surrounding structures, or some other reason, the only remaining noise abatement option may be a full enclosure to contain the sound. Any penetrations in the building shell will need to be analyzed for sound leakage including doors, windows, ventilation, exhaust fans, etc. Vestibule doors may be necessary in some applications where ingress and egress face noise sensitive areas.

Indoor courts with bay doors opening away from noise sensitive areas can also work in some instances. In this use case, a room analysis of the reverberant field will need to be done and the amount of sound power exiting through the bay doors calculated from the direct and reverberant sound fields. Buildings can be much higher than free standing wall and provide a better performing noise barrier.

## **9.6 Noise Control Policy**

### **9.6.1 Hours of Operation**

Limiting the hours of operation of the pickleball courts to certain times of the day or days of the week can sometimes be an effective noise control strategy. These arrangements are often negotiated with neighbors.

### **9.6.2 Restrict Players Allowed to Use Courts**

In some cases, restricting court usage to, for example, club members and their accompanied guests can increase accountability for how the courts are used. While this may also reduce the amount of players that use the courts, noise abatement planning should assume the courts will be used at full capacity.

### **9.6.3 Speech**

A pickleball court properly mitigated for paddle impacts will generally not have noise issues related to the loudness of speech on the courts. Noise issues with speech are for the most part related to content rather than sound level. If this is the case, a prohibit on swearing and other offensive speech may be necessary.

### **9.6.4 Restrictions on Equipment**

#### **Quieter Equipment**

In practice, the enforcement of the use of specific types of pickleball equipment, paddles and balls, has proven to be difficult to manage for home owners associations, country clubs, parks, and most other types of pickleball facility. In order for this to be considered a noise abatement measure, there must be a clear policy in place and personnel dedicated to monitoring activity on the courts to ensure unsanctioned equipment is not in use.

#### **Paddles**

There has been an effort in the pickleball paddle industry to move to quieter designs and most players are already using this “green list” equipment as it is referred to. Measurements by Spendiarian & Willis at a number of pickleball facilities have found that the mean sound exposure level of paddle impacts, when normalized to distance and ground type, is very consistent. This indicates that, in aggregate, most players are either using essentially the same equipment or that there is not a significant acoustical difference in the equipment used. During

testing where the make and model of the paddles in use have been recorded, it has been found that most players were using green list paddles. At the present time green list paddles should not be considered a noise control measure since most players are already using this equipment anyway.

### **Foam Balls**

Measurements by Spendiarian & Willis comparing foam pickleballs to common regulation balls has shown that the foam balls can be 8 to 9 dB quieter than regulation balls. While the use of foam balls is an effective noise abatement measure, it is undesirable for pickleball players as the foam balls play very differently from the regulation balls and cannot be used in tournaments or to train for them.

## **10. Site Planning Considerations for Pickleball**

### **10.1 When a Noise Impact Assessment Is Needed**

Courts located within 350 feet of residential properties in most cases require noise abatement. Pickleball court sites within 500 to 600 feet of noise sensitive areas should be reviewed by a qualified acoustical engineer in the site selection phase of the project. In the case that the ground between the pickleball courts and receiving property is water this distance may extend 800 to 1,000 feet in some cases. Courts located within 150 feet of homes require careful and often extensive noise abatement design to avoid complaints. Placing open air pickleball courts within 100 feet of residential properties is not recommended.

### **10.2 Site Selection**

#### **10.2.1 Available Setbacks**

The most important factor to consider in selecting a site for pickleball courts is the distance to adjacent residential land uses. While a noise barrier such as a sound wall or mass-loaded vinyl fence cover can be effective in reducing noise impact, it can only provide a limited amount of insertion loss, usually between 8 and 12 dB depending on the ground it is installed on, flanking paths, reflecting surfaces, and other factors. The rest of the noise reduction required to meet acceptable sound levels must mostly be gained through distance. It is important to ensure that there is enough buffer so that noise abatement installed can be adequately effective. Other site conditions that may increase the setback required are discussed in the following subsections.

#### **10.2.2 Proximity to Multi-story Residential Structures**

In order for a noise barrier to be effective it must be able to block the line of sight from the sound source to the receiving land use. Pickleball paddle impacts can occur from near the elevation of the playing surface to a height of about 8 feet above it. Multi-story housing located close to the proposed pickleball courts may not be adequately shielded a wall system. This can affect upper level windows, balconies, raised decks, other amenities located above ground level. These need to be included in the noise impact assessment of the proposed pickleball courts.

#### **10.2.3 Topography**

Similar to housing with floors above ground level, homes sitting at an elevation higher than the proposed pickleball courts can also be difficult to shield with a noise barrier.

In addition, refraction caused by temperature gradients over certain ground can effectively cause sound to travel farther. Refraction is the bending of the path sound travels towards regions of



lower sound speed, e.g cooler air. This can be the result of temperature stratification of the atmosphere or wind. In low lying places where cool air tends to collect in the evenings or over irrigated ground where evaporative cooling can occur such as a golf course, a temperature lapse condition can develop with warm air above and cool air below. This will result in sound arcing down toward the ground. Refraction caused by a temperature lapse condition can result in sound arcing over obstacles on the ground that would normally impede its propagation thereby making it louder at farther distances.

Parks located at the bottom of a valley can pose a particular challenge as they tend to experience these conditions regularly. Further, the sides of the valley may trap sound and send it echoing back to locations on the opposite side. Valleys often require a detailed propagation study to understand how sound moves through the area at different times of the day.

### **10.3 Tournaments**

The main difference in sound from pickleball courts during tournaments will be spectators. The noise assessment and abatement planning should include a speech analysis based on the number and location of spectators. This has been described in Section 8.4.

If a PA system is to be used for announcements, limits on the system gain should be established to ensure sound levels reaching the surrounding properties remain acceptable. Noise monitoring may also be employed at the property boundaries. This involves placing one or more microphones near noise sensitive areas so that the sound system operator can monitor sound levels in real time and make any necessary adjustments.

## 11. Conclusions

### 11.1 Best Practices in Noise Assessment and Regulation

Basic methodologies and best practices for community noise assessment, environmental acoustics measurements, and noise regulation documents have been discussed. The group of ANSI standards in S12.9 represents the current best practices in community noise assessment. The measurement methodology and sound classifications in Part 4 of the standard (harmonized with International Organization for Standardization standard ISO 1996) have been implemented under European Union Directive 2002/49 and in a number of Asian countries. ANSI S12.9 Parts 4 and 5 have been used as the basis for the recommendations in this document.

### 11.2 Characteristics of Pickleball Sound

The most notable sounds from pickleball courts are the popping sound produced when a pickleball contacts a paddle and speech. It is the popping sound of the paddle impacts that produces the greatest number of noise complaints. This sound has been classified as highly impulsive for the purpose of noise assessment under ANSI S12.9 Part 4.

### 11.3 Noise Impact Assessment of Pickleball

It has been shown that averaging techniques such as equivalent-continuous and maximum fast exponential time weighted sound pressure levels (LAeq and LAmax) are not well suited for assessment of short duration impulsive sound like that produced by the impact of a pickleball on a paddle. These metrics can be expected to substantially underestimate the community response to this type of sound. Measurement procedures based on the adjusted sound exposure level according to ANSI S12.9 Part 4 have been described as a more accurate methodology for noise impact assessment of pickleball.

### 11.4 Noise Abatement Planning

Setbacks are an important first step in mitigating pickleball courts. A noise abatement plan usually consists of a number of treatments that each contribute a certain amount of noise reduction. Any difference between the total noise reduction of the abatement treatments and that required to meet target sound levels must be made for with setbacks.

Topography and multistory structures near the courts will also influence the amount of setback required. In order for a noise barrier to be effective it must block the line of sight from the sound source to the point of observation. Upper level bedroom windows and decks that are able to overlook the noise barrier will not be shielded and will likely experience a greater noise impact than at ground level.

Testing at numerous pickleball courts has found that the sound radiated from the paddles is directional. More sound goes in the direction of play than to the sides of the court. This characteristic can be used as a noise abatement measure by orienting pickleball courts so that the direction of play is not directed toward noise sensitive areas.

Sound masking in the form of water fountains has been found to be somewhat helpful in certain situations. This is mainly where the masking sound source is much closer to the noise sensitive area than the pickleball courts and the noise sensitive area is not too close to the pickleball courts. Roadways have not been found to be effective masking sources for pickleball.

In most cases, the noise abatement installed for the paddle impacts will be sufficient for speech from the courts as well. Noise complaints about speech on pickleball courts are most often related to content rather than sound level. This is best addressed through policy.

## **11.5 Site Planning**

Site review and feasibility analysis for pickleball begins by looking at available setbacks and sight lines. This will determine what noise abatement treatments may be needed and whether they can be effective on a particular site. Topography and the presence of nearby multistory housing are also important considerations that may affect required setbacks. The noise impact assessment of impulsive sound is a complex task that should be done using modern standards and best practices by an acoustical engineer with experience in psychological acoustics and signal analysis.

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## Conclusions from the Centennial sound study

### 1. "Green" paddles do not make measurable difference in sound levels....

P. 70: "There has been an effort in the pickleball paddle industry to move to quieter designs and most players are already using this "green list" equipment as it is referred to. Measurements by Spendiarian & Willis at a number of pickleball facilities have found that the mean sound exposure level of paddle impacts, when normalized to distance and ground type, is very consistent. This indicates that, in aggregate, most players are either using essentially the same equipment or that there is not a significant acoustical difference in the equipment used. During Spendiarian & Willis Acoustics & Noise Control LLC 70 of 77 testing where the make and model of the paddles in use have been recorded, it has been found that most players were using green list paddles. At the present time green list paddles should not be considered a noise control measure since most players are already using this equipment anyway."

### 2. Pickleball noise is a persistent, impulsive sound that is significantly different from tennis noise and other non-impulsive noises.

P. 38-40: "It should be clear from the above list of references that pickleball constitutes a significant change in the acoustic environment of the area surrounding the courts in comparison to tennis and must be planned for accordingly. In particular, the impulsive sound produced by the impact of the hard plastic ball on the paddle can cause significant noise impact for those living near the courts".

P. 40: **Characteristics of Impulsive Sound:** "**Persistent impulsive sounds create annoyance because they are similar to sounds that contain important information about our environment such as footsteps, a door opening, a tap at the window, or speech.** We are sensitive to these types of sounds because they alert us to events occurring nearby that we may need to respond to. Continuous false alarms such as the popping sound created by pickleball paddle impacts make it difficult to relax, concentrate, or sleep soundly without disturbance as each time a pop is heard it draws the attention, creating distraction."

### **3. Setbacks are the most important tool in sound abatement:**

P. 65: A noise abatement plan begins with sufficient setback to noise sensitive areas to make abatement treatments effective. Any given noise abatement treatment will produce a limited amount insert loss or attenuation. A noise abatement plan for a site generally consists of a number of different treatments that work together to achieve an acceptable sound level in the surrounding area. Any deficit in the amount noise reduction achievable through mitigation treatments must be made up for in setback. In short, the setback is what makes the rest of the noise abatement plan possible.

### **4. Noise levels within 150 feet of a court require site specific noise abatement:**

P. 65: "One approach to setbacks is to simply prescribe a minimum setback with regard to all residential land uses. ... This approach has the advantage of being easy to understand and apply; however, there are some situations where it may not be possible to create an effective noise abatement plan at 150 feet due to elevation differences or multi-story housing that make sufficient shielding by a sound wall impractical or impossible. In some special cases it may be possible to mitigate pickleball courts closer than 150 feet. Thus a 150 foot setback requirement would be overly restrictive in these applications. ... Pickleball courts within 100 feet of residential land uses have proven to be problematic resulting in lawsuits, strict limitations on usage, and court closures. Courts within 150 feet of residential land uses require careful noise abatement planning using modern methods of noise assessment for highly impulsive sound such as ANSI S12.9 Part 4 described in previous chapters and strict adherence to design specifications."

### **5. Sound barriers may trap and directionalize the pickleball sounds and consequently, such barriers must address all surrounding properties, and materials that absorb sound may also be needed.**

P. 66: "A common problem encountered when designing a noise barrier system for pickleball courts is the need to shield homes on opposite sides of the courts. ... If this layout cannot be avoided by changing the relative positions of the two walls, sound absorption will be needed on the interior surfaces to control acoustical energy buildup. ... Carsonite is a sound wall system with integrated sound absorption. It is commonly used for noise mitigation along roadways and absorbs well at 1,000 Hz, the critical frequency for pickleball paddle impacts.

AudioSeal is an outdoor sound absorbing blanket material that can be attached to a fence. It does not absorb as well as the Carsonite at higher frequencies, but still performs adequately."

**6. Noise abatement is needed for properties within 350 feet of a pickleball court.**

**P. 72: Courts located within 350 feet of residential properties in most cases require noise abatement.** "Pickleball court sites within 500 to 600 feet of noise sensitive areas should be reviewed by a qualified acoustical engineer in the site selection phase of the project. In the case that the ground between the pickleball courts and receiving property is water this distance may extend 800 to 1,000 feet in some cases. Courts located within 150 feet of homes require careful and often extensive noise abatement design to avoid complaints. Placing open air pickleball courts within 100 feet of residential properties is not recommended."

**p. 72: In order for a noise barrier to be effective it must be able to block the line of sight from the sound source to the receiving land use.** "Pickleball paddle impacts can occur from near the elevation of the playing surface to a height of about 8 feet above it."



## Conclusions of the study

### **P. 74-75: A combination of setbacks and noise abatement is needed for pickleball court noise management.**

#### "11.1 Best Practices in Noise Assessment and Regulation.

... The group of ANSI standards in S12.9 represents the current best practices in community noise assessment. The measurement methodology and sound classifications in Part 4 of the standard (harmonized with International Organization for Standardization standard ISO 1996) have been implemented under European Union Directive 2002/49 and in a number of Asian countries. ANSI S12.9 Parts 4 and 5 have been used as the basis for the recommendations in this document.

#### 11.2 Characteristics of Pickleball Sound.

The most notable sounds from pickleball courts are the popping sound produced when a pickleball contacts a paddle and speech. It is the popping sound of the paddle impacts that produces the greatest number of noise complaints. This sound has been classified as highly impulsive for the purpose of noise assessment under ANSI S12.9 Part 4.

#### 11.3 Noise Impact Assessment of Pickleball.

... Measurement procedures based on the adjusted sound exposure level according to ANSI S12.9 Part 4 have been described as a more accurate methodology for noise impact assessment of pickleball.

#### 11.4 Noise Abatement Planning.

Setbacks are an important first step in mitigating pickleball courts. A noise abatement plan usually consists of a number of treatments that each contribute a certain amount of noise reduction. Any difference between the total noise reduction of the abatement treatments and that required to meet target sound levels must be made for with setbacks. Topography and multistory structures near the courts will also influence the amount of setback required. In order for a noise barrier to be effective it must block the line of sight from the sound source to the point of observation. Upper level bedroom windows and decks that are

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### 11.5 Site Planning.

Site review and feasibility analysis for pickleball begins by looking at available setbacks and sight lines. This will determine what noise abatement treatments may be needed and whether they can be effective on a particular site.

Topography and the presence of nearby multistory housing are also important considerations that may affect required setbacks. The noise impact assessment of impulsive sound is a complex task that should be done using modern standards and best practices by an acoustical engineer with experience in psychological acoustics and signal analysis."

**Desiree Adair**

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**From:** Kevin Glasheen  
**Sent:** Wednesday, December 20, 2023 2:54 PM  
**To:** Kristen Burns; Gavin Massingill; Scott Burns; Desiree Adair  
**Subject:** Re: Pickleball on Hatley

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thank you - we will make your email part of the public record.

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**From:** Kristen Burns [REDACTED]  
**Sent:** Wednesday, December 20, 2023 12:06 PM  
**To:** Gavin Massingill <gmassingill@rollingwoodtx.gov>; Brook Brown <bbrown@rollingwoodtx.gov>; Kevin Glasheen <kglasheen@rollingwoodtx.gov>; Sara Hutson <shutson@rollingwoodtx.gov>; Phil McDuffee <pmcduffee@rollingwoodtx.gov>; Alec Robinson <arobinson@rollingwoodtx.gov>; Scott Burns [REDACTED]  
**Subject:** Pickleball on Hatley

Dear Council Members,

I realize this email is late, but will send it regardless for you to consider when making the decisions on the pickleball court on Hatley.

First of all, we REALLY appreciate the positive response that the owner and players have had regarding our concerns. The safety issues have been improved, although not totally solved, with the players parking on the south side of Hatley for the most part. There are still a large number of cars at that intersection frequently which is burdensome and unsafe.

I have read the emails sent in from the players in support of the pickleball court and noticed that only one of them were residents here in Rollingwood. Is this taken into account when making decisions for our neighborhood?

The statement in one of the letters comparing the original tennis courts to the current pickleball courts is comparing apples to oranges. There were "no complaints" about the tennis courts because the amount of cars and noise were not bothersome & still felt like the neighborhood we moved into.

Although improved, the bottom line is that we feel like we live next to a busy, loud tennis/pickleball club. We worry about future pickleball courts (or other, similar things) if some guidelines are not put into place soon.

Some thoughts:

1. Carpool to reduce the number of cars on the street AND support further community between the players.
2. Set times of play (not sure on if this is in place, but it does feel a little better/less constant)
3. Sound proof paddles (thanks!) & balls when available

Thanks for your consideration!!  
Kristen & Scott Burns  
107 Laura Lane



**Desiree Adair**

---

**From:** Kevin Glasheen  
**Sent:** Wednesday, December 20, 2023 2:55 PM  
**To:** Tami Esson; Gavin Massingill; Desiree Adair  
**Subject:** Re: Pickleball Issues

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Thanks. We will make your email part of the record.

Get [Outlook for iOS](#)

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**From:** Tami Esson [REDACTED]  
**Sent:** Wednesday, December 20, 2023 2:15 PM  
**To:** Phil McDuffee <pmcduffee@rollingwoodtx.gov>; Alec Robinson <arobinson@rollingwoodtx.gov>; Sara Hutson <shutson@rollingwoodtx.gov>; Kevin Glasheen <kglasheen@rollingwoodtx.gov>; Brook Brown <bbrown@rollingwoodtx.gov>; Gavin Massingill <gmassingill@rollingwoodtx.gov>  
**Subject:** Pickleball Issues

Hi all, I am an Austin resident that lives on Ridgewood, and although I am not officially a Rollingwood member, I am directly impacted by this situation. I think there should be a limit on the number of people that can attend these courts. Every day I walk my dog on the path where the pickleball courts are and so often both sides of the street are clustered with cars to the left and right of these courts. On a typical morning, I can easily count over 30 cars. That makes it very difficult to walk my dogs. Since there are no sidewalks in the area, the dogs typically walk along the curb but with bumper to bumper parking, this makes walking near impossible.

Additionally, I think you should think about the safety issues. If there is a fire (and there was one not too long ago, imagine the difficulty the EMS and Firetrucks would have trying to get to various properties with the constant clustering of cars.

Lastly, if there are construction guidelines of when you can start and stop making noise, then these rules should also apply to the pickleball courts. Just because the sport did not exist a few years ago, the simple consideration of noise and lights should be made to any disruptive sport or business. What is decided here will impact all future situations like this so unless you want someone moving in next door to you and running this type of business, I would think twice about how the matter is handled. I hope you will keep this in mind tonight. Thank you for your time and consideration and happy holidays!

--

Tami Esson, MA, IBCLC  
[www.MilkGenie.com](http://www.MilkGenie.com)  
Cell: 917.640.0877

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**DENTON NAVARRO ROCHA BERNAL & ZECH, P.C.**

[REDACTED]  
[REDACTED]  
[REDACTED]

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**TO:** CITY OF ROLLINGWOOD  
**FROM:** LEE SIMMONS, CITY ATTORNEY’S OFFICE  
**ISSUE:** CODE AMENDMENTS RELATED TO PICKLEBALL COURTS  
**DATE:** DECEMBER 15, 2023

---

**BACKGROUND**

Earlier this year the City began to receive a complaint regarding the use of a pickleball court on residential property. Partly in response to those complaints, on November 15, 2023, the City Council approved amendments to the Code of Ordinances amending the definition of “sport courts.” The Council now desires to study a wholesale amendment to the Code pertaining to the specific regulation of pickleball courts.

**ISSUE**

How have other cities amended their regulations to place certain restrictions on pickleball courts?

**SUMMARY**

Some Texas cities have adopted pickleball ordinances pertaining to city-owned courts and courts that operate as commercial businesses, but I found few such regulations for pickleball activities in residential areas. The City of Farmers Branch recently passed an ordinance designating certain residential areas as no-parking zones during a nearby pickleball tournament, including notice to affected residents and police enforcement.

Other cities outside Texas have adopted code amendments regulating the use of pickleball courts in residential zoning districts. One recent ordinance adopted by Park City, Utah, is a good example of the types of restrictions that may be implemented on the use of such courts. Attachment A to this memo provides the ordinance language. The ordinance lists several requirements for obtaining a conditional use permit, including:

- Conducting noise studies and any additional studies as required by the city engineer;
- Establishing setbacks;
- Implementing hours of operation;

- Prohibiting outdoor lighting;
- Regulating parking;
- Requiring owner association notification; and
- Prohibiting fees for the use of pickleball courts in residential districts.

The regulations in Park City, Utah, as provided for in Exhibit A, are mostly zoning related regulations if applied in the State of Texas. The City may utilize a conditional use process for authorizing outdoor pickleball courts. This would necessitate an amendment to the City's zoning code and would require the regulations to go through the legal process for zoning amendments. I have noted in Exhibit A areas where the City may need to deviate from the Park City, Utah regulations. Finally, the Park City, Utah provisions would need a redraft for consistency with existing City regulations and processes.

## Attachment A Park City Pickleball Regulations

### 15-4-22 Outdoor Pickleball Courts in Residential Areas

In addition to the criteria outlined in Section 15-1-10 for Conditional Use Permit review, the Planning Commission shall also consider the criteria of this Section 15-4-22. Prior to the issuance of a Conditional Use Permit for an outdoor Pickleball Court on a residential Lot adjacent to residential Lots, the Planning Commission shall make findings and the Applicant must meet the following requirements: **[FINAL DECISION FOR CONDITIONAL USE PERMIT WOULD NEED TO BE BY CITY COUNCIL]**

#### A. PRE-APPLICATION CONFERENCE:

An Applicant may request an optional pre-Application conference with Planning and Engineering Department staff to become acquainted with Pickleball Court regulations on residential Lots.

#### B. APPLICATION:

A complete Application must be submitted to the Planning Department including the following:

1. **GENERAL DESCRIPTION:** An overview of the proposed outdoor Pickleball Court, including hours of operation, anticipated use, evidence of sufficient required off-street parking, and other applicable information.

2. **SITE PLAN:** The site plan shall be to scale not to exceed one inch to 100 feet indicating in detail how the proposal will comply with the International Building Code and this Section. The site plan shall indicate the location of the outdoor Pickleball Court on the Property and clearly show distances from all Property Lines and Structures. The site plan shall include elevation contours, adjacent neighboring properties, and neighboring residences. The site plan shall include a grading and drainage plan with stormwater runoff calculations.

3. **NOISE STUDY.** The noise study shall be prepared by a certified professional and shall simulate, through engineering models, field noise level data collection, computer generation, or similar techniques, the impact of the proposed outdoor Pickleball Court. The noise study shall indicate the noise impact from at least five (5) locations around and within 150 feet of the proposed outdoor Pickleball Court, in addition to the noise impact measured at all property boundaries. The noise study must also show what alternatives have been considered for the mitigation of noise with the pre- and post-development noise levels. The noise study shall demonstrate that the outdoor Pickleball Court will be constructed and used in compliance with Municipal Code Chapter 6-3, *Noise*.

4. **ADDITIONAL STUDIES.** The Applicant shall pay for the third-party review of the submitted noise study, as directed by the City Engineer. The Planning Commission may require Applicants to submit and fund additional studies, including a visual analysis of the proposed outdoor



Pickleball Court. If the Planning Commission requires the Applicant to submit additional studies, the Planning Department and City Engineer may recommend the scope and method of study.

5. FEES: The Applicant shall pay all fees outlined in the adopted Park City Fee Schedule, including fees for public notice mailings.

6. NOTICE: Staff shall mail courtesy notice pursuant to Sections 15-1-12 and 15-1-21. **[NOTICE WOULD NEED TO BE PURSUANT TO TEXAS LOCAL GOVERNMENT CODE AND ANY ADDITIONAL NOTICE AS OTHERWISE REQUIRED BY CITY COUNCIL]**

#### C. SETBACKS.

(a). The minimum Setback is 600 feet from lot lines of adjacent residential property lines.

(b). The Planning Commission may reduce the minimum Setback to no less than 150 feet when:

- i. The Applicant submits a noise study prepared by a certified professional that demonstrates compliance with Municipal Code of Park City Chapter 6-3, *Noise*.
- ii. The approval is conditioned upon construction and completion of the noise mitigating features included in the noise study.
- iii. The Planning Commission may require additional landscaping for noise mitigating measures.

(c). In the instance of a conflict in Setback requirements, the more restrictive Setback shall apply.

(d). In considering a reduction in Setbacks, the Planning Commission may consider whether a homeowner association (HOA) registered with the City pursuant to Section 15-1-12(F) approves or objects to the proposed use and mitigation. However, applicant failure to obtain such approvals shall not be the sole basis for Planning Commission denial.

#### D. HOURS OF OPERATION.

Unless otherwise established by Planning Commission, the Use of outdoor Pickleball Courts on residential Lots shall be limited to 8 AM to 8 PM. The Planning Commission may establish more restrictive hours of operations upon findings that corroborate the appropriateness of alternative times of use.

#### E. OUTDOOR LIGHTING PROHIBITED.

Artificial lighting of outdoor Pickleball Courts in residential areas is prohibited.

#### F. PARKING.

The Applicant shall demonstrate compliance with Section 15-3-6, *Parking Ratio Requirements For Specific Land Use Categories*. It is required that guest parking shall be provided on site.

#### G. OWNER ASSOCIATION NOTIFICATION.

For properties within a homeowner association, the Applicant must submit with the Conditional Use Permit application evidence of notification to the appropriate Owner association registered with the City, pursuant to Section 15-1-12 (F), *Owner Association Registration and Notification*. [I DON'T BELIEVE WE COULD REQUIRE THIS AS A GENERAL LAW CITY]

H. FEES PROHIBITED.

No fee may be charged for use of the outdoor pickleball court. Commercial Use of the outdoor pickleball court is prohibited.

I. PERMIT REVOCATION

The Private Recreation Facility permit may be revoked by the Planning Department for non-compliance with the criteria of this Section. The permittee may appeal the determination to the Board of Adjustment, which will evaluate the Planning Department's determination of permit non-compliance and decide if permit revocation should occur. [UNDER TEXAS LAW A CONDITIONAL USE PERMIT IS A ZONING CHANGE AND, AS SUCH, THE PLANNING DEPARTMENT WOULD NOT BE AUTHORIZED TO REVOKE THE PERMIT. THE TYPICAL ZONING ENFORCEMENT PROVISIONS WOULD APPLY]

15-15-1 Definitions

Recreation Facilities, Private. Recreation facilities operated on private Property and not open to the general public,[.] including Recreation Facilities [typically associated with a homeowner or Condominium association,] such as swimming pools, tennis courts, outdoor Pickleball Courts playgrounds, spas, picnic Areas, and similar facilities for the Use by Owners and guests.

Pickleball Court. Recreation Facilities for an indoor or outdoor game that is played on a level court measuring approximately 20 feet by 44 feet, but no greater than 30 feet by 60 feet, with short-handled paddles and a perforated plastic ball volleyed over a low net by two single players or two pairs of players (4 players).

# AGENDA ITEM SUMMARY SHEET

## City of Rollingwood

Meeting Date: December 20, 2023

**Submitted By:**

Staff

**Agenda Item:**

Discussion and possible action regarding terms of service limitation extensions for board and commission members

**Description:**

Six members that have indicated they intend to continue to serve on a board or commission are requesting a term limit extension.

Applicable Code Section:

***Sec. 2-199. Limitation on term of service.***

*No member of a city council-appointed board, commission, or committee shall be eligible for re-appointment to such office when the member has then served full terms of office (not including partial unexpired terms of office) for six or more consecutive years, except when this limitation would conflict with federal or state statutes. Upon completion of full terms of office with a duration of not less than six consecutive years on any board, commission or committee, a member may be appointed to another board, commission or committee or, after a three-year waiting period, may be reappointed to the original board, commission or committee. The city council may make exceptions to this limitation on the affirmative vote of 4 members of the city council.*

**Action Requested:**

City Council take action on the request for term-limit extensions for those members who intend to continue to serve on a Board or Commission

**Fiscal Impacts:**

N/A

**Attachments:**

- List of Board and Commission members requesting terms of service limitation extensions

**City of Rollingwood Board and Commission Members**  
**Requesting Terms of Service Limitation Extensions**  
**December 2023**

**Board of Adjustment**

<b><u>Member Name</u></b>	<b><u>Position # - Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Keith Martinson	9 – Member	September 2017	December 2023

**Planning and Zoning Commission**

<b><u>Member Name</u></b>	<b><u>Position – Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Tony Stein	4 – Member	June 2017	December 2023

**Rollingwood Community Development Corporation**

<b><u>Member Name</u></b>	<b><u>Position # - Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Patrick Sheehan	3- Director/Secretary	July 2012	December 2023

**Utility Commission**

<b><u>Member Name</u></b>	<b><u>Position-Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Clark Wilson	1 – Member	July 2010	December 2023
Jonathan Miller	2 – Member/Chair	June 2017	December 2023
Christopher Meakin	4 – Member	December 2015	December 2023

## AGENDA ITEM SUMMARY SHEET

### City of Rollingwood

**Meeting Date: December 20, 2023**

**Submitted By:**

Staff

**Agenda Item:**

Discussion and possible action to reappoint board and commission members whose terms are expiring for an additional two-year term

**Description:**

At the November Board and Commission Meetings, or via email if no meeting was held, those members serving in terms that expire in December 2023 indicated whether they would like to continue serving. Attached is a list of those that indicated they would like to continue serving in their positions.

**Action Requested:**

City Council appoint a list of Board and Commission members to serve from January 2024 – December 2025.

**Fiscal Impacts:**

N/A

**Attachments:**

- List of Board and Commission members currently serving as of December 15, 2023
- List of Board and Commission members that have stated that they would like to continue to serve in their positions on a Board or Commission

**Membership of City of Rollingwood Boards and Commissions**

Attached is the status of appointments and terms of office of the members of the City's five boards and commissions as of **December 15, 2023**.

- Board of Adjustment
- Planning and Zoning Commission
- Park Commission
- Utility Commission
- Community Development Corporation

This data includes actions taken by the City Council at the most recent Council meeting, and any resignations received to date.

Desiree Adair  
City Secretary

**Board of Adjustment**

<b><u>Member Name</u></b>	<b><u>Position # - Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Robert Turner	1 – MEMBER	February 2020*	December 2023
Brad O'Donnell	3 – MEMBER/ Chair	March 2016	December 2023
Gerald Speitel	5 – MEMBER	July 2018*	December 2023
Keith Martinson	9 – MEMBER	September 2017	December 2023
Kevin Schell	7 – MEMBER	January 2022	December 2023
Ellin Wilson	6 – Alternate-2	May 2018	December 2024
Susan Hinton	2 – Alternate-1	January 2022	December 2024
VACANT	8 – Alternate-3		
VACANT	4 – Alternate-4		

**Council Liaison(s):** Brook Brown and Sara Hutson

5 Members and 4 alternate members appointed by Mayor, subject to confirmation by City Council. Chair elected by majority of the Board. Board meets on an as needed basis.

\*Robert Turner and Gerald Speitel were appointed as alternate members in February 2020 and July 2018 respectively, and were appointed to regular member positions in January 2022.

**Park Commission**

<b><u>Member Name</u></b>	<b><u>Position # - Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Nicole Maurici	1 – Member	July 2019	December 2023
Melissa Morrow	2 – Member	August 2021	December 2023
Don Hudson	3 – Member	June 2020	December 2023
Laurie Mills	4 – Member	July 2019	December 2023
Mary Elizabeth Cofer	5 – Member	September 2019	December 2024
Victoria Johnson	6 – Member	August 2022	December 2024
Chad Smith	7 – Member/Chair	March 2021	December 2024

**Council Liaison(s):** Alec Robinson and Kevin Glasheen

7 Members appointed by City Council -1 Chair or 2 Co-Chairs as designated by majority vote of Commission. Commission meets on the 1st Monday of each month at 11:30 am. No meetings in July or August unless due to an emergency.

### Planning and Zoning Commission

<u>Member Name</u>	<u>Position – Office</u>	<u>First Appointed</u>	<u>Current Term Ends</u>
Brian Nash	1 – Member	March 2018	December 2023
Genie Nyer	2 – Member	October 2023	December 2023
Michael Hall	3 – Member	March 2021	December 2023
Tony Stein	4 – Member	June 2017	December 2023
Michael Rhodes	5 – Member	May 2020	December 2024
Greg Demas	6 – Member	February 2022	December 2024
Dave Bench	7 – Member/Chair	October 2021	December 2024

**Council Liaison(s):** Brook Brown  
 7 Members appointed by City Council, Chair designated by majority vote of Commission yearly.  
 Commission meets the 1<sup>st</sup> Wednesday of each month at 6:00 p.m.

### Rollingwood Community Development Corporation

<u>Member Name</u>	<u>Position # - Office</u>	<u>First Appointed</u>	<u>Current Term Ends</u>
Emily Doran	1- Director/ President	October 2020	December 2023
David Smith	2- Director	July 2019	December 2023
Patrick Sheehan	3- Director/Secretary	<b>July 2012*</b>	December 2023
Brian Rider	4- Director	December 2021	December 2023
Colin Harvey	5- Director/Vice Pres.	December 2021	December 2024
Bobby Hempfling	7- Director/Treasurer	October 2020	December 2024
Barry Delcambre	6- Director	November 2018	December 2024

**Council Liaison(s):** Phil McDuffee and Kevin Glasheen  
 The President, Vice President, Secretary, and Treasurer are selected by members of the Corporation.  
 Terms begin Jan. 1 and extend for two years or until a successor is appointed. RCDC meets on the 2nd Monday of each month at 12:00 p.m. \*Terms of Service Limitation Extended by City Council 12-18-2019 and 12-15-2021

### Utility Commission

<u>Member Name</u>	<u>Position-Office</u>	<u>First Appointed</u>	<u>Current Term Ends</u>
Clark Wilson	1 – Member	<b>July 2010*</b>	December 2023
Jonathan Miller	2 – Member/Chair	June 2017	December 2023
Elizabeth Bray	3 – Member	December 2021	December 2023
Christopher Meakin	4 – Member	<b>December 2015**</b>	December 2023
Chris Kirksey	5 – Member	December 2021	December 2024
Walt Roloson	6 – Member	October 2022	December 2024
Sam Attal	7 – Member	October 2020	December 2024

**Council Liaison(s):** Phil McDuffee  
 7 Members appointed by City Council. Chair position, acknowledged in ordinance, but silent regarding method of selection. Commission meets on the 1<sup>st</sup> Tuesday of each month at 5:30 p.m. \*Terms of Service Limitation Extended by City Council on \*2-18-2015, 1-17-2018, 12-18-2019 and 12-15-2021 \*\* Terms of Service Limitation Extended by City Council on 12-15-2021

**City of Rollingwood Board and Commission**  
**Members up for Reappointment December 2023**

**Board of Adjustment**

<b><u>Member Name</u></b>	<b><u>Position # - Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Robert Turner	1 – Member	February 2020*	December 2023
Gerald Speitel	5 – Member	July 2018*	December 2023
Keith Martinson	9 – Member	September 2017	December 2023
Kevin Schell	7 – Member	January 2022	December 2023

**Park Commission**

<b><u>Member Name</u></b>	<b><u>Position # - Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Niccole Maurici	1 – Member	July 2019	December 2023
Melissa Morrow	2 – Member	August 2021	December 2023
Don Hudson	3 – Member	June 2020	December 2023
Laurie Mills	4 – Member	July 2019	December 2023

**Planning and Zoning Commission**

<b><u>Member Name</u></b>	<b><u>Position – Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Brian Nash	1 – Member	March 2018	December 2023
Genie Nyer	2 – Member	October 2023	December 2023
Michael Hall	3 – Member	March 2021	December 2023
Tony Stein	4 – Member	June 2017	December 2023

**Rollingwood Community Development Corporation**

<b><u>Member Name</u></b>	<b><u>Position # - Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Emily Doran	1- Director/ President	October 2020	December 2023
David Smith	2- Director	July 2019	December 2023
Patrick Sheehan	3- Director/Secretary	July 2012	December 2023
Brian Rider	4- Director	December 2021	December 2023

**Utility Commission**

<b><u>Member Name</u></b>	<b><u>Position-Office</u></b>	<b><u>First Appointed</u></b>	<b><u>Current Term Ends</u></b>
Clark Wilson	1 – Member	July 2010	December 2023
Jonathan Miller	2 – Member/Chair	June 2017	December 2023
Elizabeth Bray	3 – Member	December 2021	December 2023
Christopher Meakin	4 – Member	December 2015	December 2023



**Summary of Board and Commission Applications**

*Updated 12-15-2023*

<u>Name</u>	<u>Boards/Commissions Applied For</u>	<u>Original Application Date</u>	<u>Updated Application Date</u>	<u>Notes</u>	<u>Board/Commission Openings</u>
Diana Marie Wallace	Park Commission	2/11/2022	10/12/2022		PZ None
Rebecca Tongsinoon	P&Z	5/19/2022			BOA 2 alternates
Wendi Hundley	P&Z, Utility Commission, BOA	7/10/2022	10/12/2022	Declined P&Z vacancy 10-2023	UC None
Kendra Roloson	BOA, P & Z	8/17/2022	10/12/2022	Declined P&Z vacancy 10-2023	PC None
Amy Pattillo	P & Z	9/12/2022	7/24/2023	Deferred until January 2024	RCDC None
Dave Raymond	Park Commission	3/9/2023	3/9/2023		CRCRC None
Amy Pattillo	<del>CRCRC</del> , P&Z	7/24/2023	Note: Withdrew CRCRC 8-23-23	Deferred until January 2024	
Theresa Brawley	Park Commission	12/15/2023	12/15/2023		

# AGENDA ITEM SUMMARY SHEET

## City of Rollingwood

**Meeting Date: December 20, 2023**

**Submitted By:**

Staff

**Agenda Item:**

Discussion and possible action on a resolution approving a budget amendment for the Rollingwood Community Development Corporation, Rollingwood, Texas, for the fiscal year beginning October 1, 2023, and ending September 30, 2024 for future park improvement projects

**Description:**

At the November RCDC meeting, the RCDC approved a budget amendment for \$50,000 for future park improvement projects. The intent of this item was to set aside this amount per year that would be put towards the park. Any project they fund with this line item will still need to be approved by the City Council.

**Action Requested:**

To take action on a resolution approving a budget amendment for the Rollingwood Community Development Corporation, Rollingwood, Texas, for the fiscal year beginning October 1, 2023, and ending September 30, 2024 for future park improvement projects

**Fiscal Impacts:**

The RCDC could fund up to \$50,000 per year in park projects not requiring general fund dollars to be used.

**Attachments:**

- Draft Resolution 2023-12-20-14 Approving RCDC Budget Amendment for Future Park Projects
- Attachment A – RCDC Budget Amendment

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**RESOLUTION 2023-12-20-14**

**A RESOLUTION OF THE CITY OF ROLLINGWOOD, TEXAS APPROVING AN AMENDMENT TO THE ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2023 AND ENDING SEPTEMBER 30, 2024**

**WHEREAS**, the Rollingwood Community Development Corporation (“**RCDC**”) approved its FY 2023-2024 Budget (“**2023-2024 RCDC Budget**”) by RCDC Resolution 2023-08-14-05 at a regular called meeting on August 14, 2023; and

**WHEREAS**, the City Council of the City of Rollingwood (“**City Council**”) approved the FY 2023-2024 budget for the RCDC by Resolution 2023-09-20-12 at a regular called meeting on September 20, 2023; and

**WHEREAS**, at a regular meeting on November 13, 2023 the RCDC resolved to amend the 2023-2024 RCDC Budget to identify funding for future park projects, thereby allowing the RCDC to consider park improvements projects up to that budgeted amount without needing a budget amendment; and

**WHEREAS**, pursuant to Texas Local Government Code Section 501.073, the City of Rollingwood City Council, as the authorizing unit for the corporation, will approve all programs and expenditures of the RCDC.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROLLINGWOOD, TEXAS THAT:**

**Section 1.** The 2023-2024 RCDC Budget approved on September 20, 2023 is hereby amended to provide for the adjustment of spending authority in the line items set forth in Attachment A attached hereto and incorporated herein. Attachment A shall be appended to the 2023-2024 RCDC Budget for ease of reference. Except as specifically affected by the adjustments reflected in the attached Attachment A the 2023-2024 RCDC Budget as amended shall remain in full force and effect.

**Section 2.** This Resolution shall be effective immediately upon adoption.

PASSED AND APPROVED this 20th day of December, 2023.

\_\_\_\_\_  
Gavin Massingill, Mayor

ATTEST:

\_\_\_\_\_  
Desiree Adair, City Secretary

ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION  
 FY 2023-2024  
 Budget Amendments 2023-2024

		<u>CURRENT BUDGET</u>	<u>AMENDED BUDGET</u>	<u>BUDGET AMENDMENT</u>
<b><u>ADDITIONAL NEW PROJECTS</u></b>				
PARK IMPROVEMENT PROJECT	500-5-95-5388	\$ -	\$ 50,000	\$ 50,000
NET INCREASES (REDUCTIONS)				<u>\$ 50,000</u>

<b><u>TOTALS</u></b>		<u>CURRENT BUDGET</u>	<u>BUDGET AMENDMENTS</u>	<u>AMENDED BUDGET</u>
REVENUE ACCOUNTS	\$	150,000	\$ -	\$ 150,000
EXPENDITURE ACCOUNTS	\$	150,600	\$ 50,000	\$ 200,600
NET REVENUE ABOVE (BELOW) EXPENDITURES	\$	<u>(600)</u>	<u>(50,000)</u>	<u>(50,600)</u>

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## **ARTICLE II. PARK COMMISSION**

### **Sec. 20-19. Creation; membership; purpose.**

The city has created a park commission consisting of seven members who are residents of the city. The purpose of the park commission shall be to help preserve, maintain and improve the park by implement the improvements approved in the city parks master plan by:

- (1) Coordinating fundraising efforts;
- (2) Prioritizing improvements;
- (3) Making recommendations to the city council;
- (3)(4) Making recommendations to the city council regarding lease agreements and policies for commercial use of the park.
- ~~(4) Maintaining minimum standards for capital improvements; and~~
- ~~(5) Overseeing enforcement of the city's lease agreement with the Little League.~~

(Code 1987, ch. 8, subch. B, § 1; Code 1995, § 1.10.031)

### **Sec. 20-20. Appointment of members; officers.**

Members of the commission shall be appointed by the city council. The commission may have a single chairperson or two co-chairpersons. The chairperson or co-chairpersons of the commission shall be elected by majority vote of the members of the commission. The chairperson or co-chairpersons shall serve a term of one year, commencing on January 1 and ending on December 31, except that, upon expiration of their term, the chairperson or co-chairpersons shall continue to serve until their successors are elected.

(Code 1995, § 1.10.032; Ord. No. 2011-03-09(A), 3-9-2011)

### **Sec. 20-21. Term of members.**

Each member of the commission shall serve a two-year term, commencing on January 1 and ending December 31 of the following year, except that, upon expiration of their terms, members of the commission shall continue to serve until their successors are appointed and qualified.

(Code 1987, ch. 8, subch. B, § 3; Code 1995, § 1.10.033)

### **Sec. 20-22. Filling of vacancies.**

Any vacancy on the commission shall be filled by the city council for the unexpired term of the member whose position becomes vacant.

(Code 1987, ch. 8, subch. B, § 4; Code 1995, § 1.10.034)

**Sec. 20-23. Serving subsequent terms.**

Upon completion of terms, commission members may elect to continue to serve a subsequent term with the approval of the city council.

(Code 1987, ch. 8, subch. B, § 5; Code 1995, § 1.10.035)

**Sec. 20-24. Removal of members.**

- (a) A member of the park commission may be removed from office by the city council for just cause and upon written charges.
- (b) Upon request of the person against whom removal proceedings are pending, a public hearing shall be conducted to determine the merits of the written charges submitted.

(Code 1987, ch. 8, subch. B, § 6; Code 1995, § 1.10.036)

**Sec. 20-25. Meetings.**

- (a) Meetings of the commission shall be held at the call of the chairperson and at such other times as the commission may determine.
- (b) Meetings of the commission shall comply with the provisions of V.T.C.A., Government Code ch. 551, commonly referred to as the Open Meetings Act, including posting notices and agendas so as to adequately inform the public of the time, location and substance of business to be undertaken. Meetings closed to the public or executive sessions are normally not appropriate for the commission and will not be conducted without the advice and consent of the city attorney.

(Code 1987, ch. 8, subch. B, § 7; Code 1995, § 1.10.037)

**Sec. 20-26. Rules of procedure.**

The commission shall adopt rules necessary to the conduct of its affairs and shall furnish a copy of such rules to the city council. Rules adopted by the commission shall be consistent with the provisions of this article. All orders and other enactments adopted by the commission shall be in accordance with its rules and regulations.

(Code 1987, ch. 8, subch. B, § 8; Code 1995, § 1.10.038)

**Sec. 20-27. Powers and duties.**

- (a) The commission shall keep minutes of its proceedings, showing the vote of each member upon each question or, if a member is absent or fails to vote, indicating such fact, and shall [keepreview](#) records of all revenues and expenditures associated with the development and upkeep of all city-owned parks. Copies of the minutes of all commission meetings shall be forwarded to the city council promptly upon their approval.
- (b) The commission shall advise the city council on park-related matters, conduct hearings, make recommendations, and perform such other duties required by law or this article or as may be assigned to the commission from time to time by the city council.

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(c) The commission shall conduct negotiations with appropriate parties regarding any lease ~~agreements or other maintenance or capital improvements contracts~~. All lease agreements and contracts shall be subject to approval by the city council.

(d) The commission shall be authorized to participate in and coordinate fundraising and expenditures with respect to parks in the city. The commission will also be responsible for submitting periodic reports to the city council.

~~(a)~~(e) The commission shall maintain a list of suggested maintenance items and shall furnish that list to the city. The commission shall also maintain a list of proposed capital improvement projects to be submitted to the city annually for consideration during the budget process.

(Code 1987, ch. 8, subch. B, § 9; Code 1995, § 1.10.039)

**Secs. 20-28—20-57. Reserved.**



### Rollingwood Utility Customer Appeals Process Summary

Rollingwood Utility customers may appeal to have their water and related wastewater bill reduced. ~~City Ordinance 2012-11-07 Sections 34-69 and 22-30 of the City's Code of Ordinances~~ governs the appeals process. This ordinance also specifies the process for termination of service for delinquent accounts. ~~Customers appealing their utility bill must pay an amount equal to the most recent uncontested bill for each month that is being appealed. During the appeals process, that portion of the bill under appeal is not considered delinquent, however, a~~All uncontested portions of the account must be paid and kept current.

Customers should be aware that the City is responsible for equipment malfunctions up to the point where the water meter is attached to the customer's supply line. The customer is responsible for leaks in plumbing and other equipment beyond this point. However, City Utility Staff may be able to assist customers in determining whether or not high water consumption is due to a leak. Customers are advised to consult with City Staff prior to a formal appeal, if a leak is suspected.

#### **Appeals Process**

The City Council designates the City of Rollingwood Utility Commission as the Hearing Officer for the purposes of Utility Appeals.

Appeals should be filed as soon as possible, but no later than six (6) months after issuance of the first contested utility bill. Adjustments of bills for periods exceeding three (3) months will not be considered except in extraordinary circumstances, as determined at the sole discretion of the City, with the exception of appeals under item 5 below, the "no confirmed leak" provision. Reasonable causes for appeals include:

1. Errors in meter reading
2. Water meter inaccuracy or other malfunctions (such as a leak within the meter, or a leak at the point where the meter attaches to the customer's line)
3. Errors in calculation of the bill
4. Excessive water use due to confirmed leaks in the customer's plumbing and other equipment. Appeals for partial reduction of the bill may be considered by City Staff, providing that the customer provides reasonable evidence that the leak has been repaired. Volume charges for excess water usage may be reduced to the actual per-gallon costs to the City, plus an administrative fee, not to exceed 10%. A reduction in wastewater charges may also be allowed, if inaccuracies occur during the winter averaging months.

4-5. A bill that exceeds the highest volume use during the preceding 12



months by 40% with no leaks confirmed

Excess water usage is typically estimated by determining the average water usage over the past three, two, or one year(s) for the same month(s), depending on the number of years' history available. The excess water usage is the difference between this average and the contested water usage. If there are fewer than 12 months' history available, City Staff is authorized to ~~use another method, such as averaging the history that is available, hold on determining the average water usage until a year of historical usage is available to provide information to make the determination as provided above, determine average water usage.~~

An appeal under the "no confirmed leak" provision can be for no longer than two consecutive months. In such situations, the charges may be reduced for up to the two-month period to the next highest volumetric use in the most recent 12-months of usage plus the per gallon cost to the city plus an administrative fee not to exceed 10% for the amount over the highest use in the preceding months. A customer is not eligible for an appeal under the "no confirmed leak" category if they have been awarded an appeal of this type in the preceding 24 months. If two months usage were appealed and granted under this provision, the first appealed bill will serve as the determining month for purposes of determining whether a customer is eligible to make an appeal under this provision.

If informal discussion with City Staff does not resolve an issue, then the appeals process as outlined in the ordinance is the following: A written appeal is prepared by the customer and submitted to the City Secretary. The appeal is formally addressed to the City Council, but will be considered in the following steps:

1. The Utilities Director will evaluate the appeal and may recommend reducing the bill as requested, reducing it partially, or rejecting the appeal. The customer may choose to end the process at this point.
2. A customer not satisfied with the decision of the Utilities Director, may request further consideration and, if so, the appeal will be referred to the Utility Commission, who will act as Hearing Officer for rendition of a final decision. The Commission will conduct a hearing at its first meeting following the referral, for which adequate notice can be provided as required by the code.

**Commented [AW1]:** Staff recommendation was to limit the number of leak adjustments to once per year with the addition of the following language: "A customer is not eligible for an appeal or leak adjustment if they have been given a credit in connection with an appeal or leak adjustment in the preceding 12 months."  
  
This recommendation was not recommended by the commission.

**Commented [AW2]:** The Commission recommended this be added to clarify that the first bill appealed would be the month used in calculating the rolling two-year limit.



**Date:** December 18, 2023  
**To:** Mayor and Council Members of the City of Rollingwood  
**From:** Ashley Wayman, City Administrator  
**Subject:** City Administrator's Report

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Financials – Highlights of the financials through the month of November 2023:

- As of November 30, 2023, 17% of the Fiscal Year has passed.
- Property taxes collected were up 13% from the amount collected in November 2022.
- Sales taxes collected were up 18% from the amount collected November 2022.
- The Water Fund balance is currently at \$1,036,749. The General Fund balance is at \$2,082,315.

Public Works finished up City-wide street sweeping on December 13. While this used to be a project that was contracted to an outside company, the Public Works team was able to take care of it in-house, giving the city greater control of the areas swept and quality of the job done. City-wide street sweeping at least twice per year is a requirement of the city's MS4 Permit. Thank you to our Public Works team for keeping our streets clean!

In early December new speed limit signs were installed city-wide in accordance with action by the City Council to lower the speed limit in the city's residential areas from 30 MPH to 25 MPH. The 25 MPH speed limit is now enforceable. The Police and Public Works Departments are in the process of surveying the city for any additional locations where speed limit signage is needed. We thank the Mayor and City Council for this improvement to the safety of our streets in Rollingwood, as well as the community for their patience and cooperation.

Eanes Elementary had their PTO Movie Night at the Park on Saturday, December 2. The festive event was successful with many families present in the lower park. The event also helped collect toys for Travis County Sheriff's Office Brown Santa. Thank you to the Eanes Elementary Parent Teacher Organization for coordinating the movie night and to Chief Muñoz, our Police Officers, and Public Works Operator for providing safety and support to the event.

The final lift station generator was installed this month bringing the lift station automation and emergency power generation project to a close. The city was able to complete this project with ARPA funds. This immense improvement to our infrastructure has put the city in a much better position in the event of winter storms and power outages, as the lift stations are able to be accessed remotely and will have backup power.

The design of the Water CIP Bond Program Packages 1-4 has been completed. The City Council selected AO services as the contractor for Water CIP Bond Program Packages 1-4 as well as the

Hubbard/Hatley/Pickwick and Nixon/Pleasant Drainage Projects. Updates on these system improvements and impacts to residents can be found on our city website, under the public notices section on the front page. The page “Updates – 2023 Water System Improvements” will be kept up-to-date with project progress and milestones. Link: <https://www.rollingwoodtx.gov/administration/page/updates-2023-water-system-improvements>

City Hall will be closed on Monday, December 25 and Tuesday, December 26 in observance of the Christmas Holiday. City Hall will also be closed on Monday, January 1 in observance of the New Year’s Holiday. Rollingwood staff wishes all residents Happy Holidays and we look forward to serving the city in 2024!

I am available by email at [awayman@rollingwoodtx.gov](mailto:awayman@rollingwoodtx.gov) and cell phone at 737-218-8326. Please let me know if you have any questions or concerns.

Best,

Ashley Wayman

City Administrator

### Police Department Report - November 2023

Staffing	
Authorized Staff:	10
Current Staff:	8
Hours Worked For Comp:	8.25
Comp Hours Spent:	8
Vacation Hours Spent:	28.5
Sick Hours Spent:	36
Holiday Hours Worked:	16
Holiday Hours Not Worked :	48
Hours Worked For Overtime:	9.5
Total Hours Worked:	1024.5

Possible Liabilities (PD Employees Only)	
Comp Pool Liability (Dollars):	\$ 14,995
Vacation Pool Liability (Dollars):	\$ 38,580
Total Sick Pool Liability (Dollars):	\$ 25,126
Total Possible Liabilities:	\$ 78,701

Fleet	
Vehicles Authorized:	5
Vehicles Operational:	5
Gasoline Used (gal):	268
Total Miles Driven:	2169

Police Activity	
Calls for Service	
Calls Dispatched:	28
Self Assigned Calls:	25
Total Calls for Service:	53
Agency Assists:	55
Police Reports:	11
Theft/Burglary Reports:	2
Arrests	
Misdemeanor Arrests:	0
Felony Arrests:	0
Total Arrests:	0
Proactive Citizen Contacts:	9
Vehicle Accidents	
Minor Accidents:	5
Major Accidents:	3
Total Vehicle Accidents:	8

Ordinance Violations	
Construction:	4
Solicitation:	
Noise:	1
Tree Related:	
Animal Related:	1
Total Citations Issued	4
Total Warnings Issued	2
All Others:	
Total Ordinance Violations:	6

Traffic Initiatives	
Location 1: Riley traffic from Zilker Park	
Citations/Warnings issued at this Location:	0
Location 2: Park Zone	
Citations/Warnings Issued at this Location:	37
Location 3: Bee Caves	
Citations/Warnings Issued at this Location:	35
Total Citations/Warnings issued during traffic initiatives:	72

Traffic Enforcement	
Total Citations issued:	49
Total Warnings issued:	69
Total Citations and Warnings:	118

Location of Traffic Stops	
City Roadways:	48
Bee Caves Road:	42
Total Traffic Stops:	90

Type of Violations	
Moving Violations:	66
Non-Moving Violations:	52
Total Violations:	118

Parking Violations	
Total Citations issued:	2
Total Warnings issued:	3
Total Citations and Warnings:	5

Chief's Blotter	
<b>Upcoming Events:</b>	
Preparations have begun for Trail of Lights which will be held December 1-23.	
<b>Department News:</b>	
Sergeant Duarte and Corporal Arispe participated in lock down drills at Westlake High School and Bridge Point Elementary.	
Rollingwood Night Out will be held on September 12th.	
Implementation of 25 mph speed limit city wide.	

Chief of Police Report - 2023

Staffing:												
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Authorized Staff:	10	10	10	10	10	10	10	10	10	10	10	10
Current Staff:	9	8	7	7	8	9	9	9	8	8	8	
Hours Worked For Comp:	79.6	94.1	147.6	19.5	7.7	12	6	24	35.5	24	8.25	
Comp Hours Spent:	98	108	135.75	63.5	9			24	4	8	8	
Vacation Hours Spent:	104	122	227	83.48	14	115	24	91.5	48	48	28.5	
Sick Hours Spent:	102	136	298	8	26	23	40	64	20	4	36	
Holiday Hours Worked:	133	149	205	24		24	49		32	16	16	
Holiday Hours Not Worked :	123	147	179	16		16	47		24	32	48	
Hours Worked For Overtime:	54	103	109	32	16	22	16	20	19	8	9.5	
Total Hours Worked:	845	927.5	4239.75	736	762	742	919.5	1521.15	1017	1017	1024.5	

Possible Liabilities (PD Employees Only)												
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Comp Pool Liability (Dollars):	\$ 12,620	\$12,620	\$11,838	\$ 10,185	\$ 10,480	\$ 11,538	\$ 11,470	\$ 12,515	\$ 13,904	\$ 1,444	\$ 14,995	
Vacation Pool Liability (Dollars):	\$ 33,391	\$34,449	\$33,680	\$ 32,929	\$ 34,041	\$ 32,802	\$ 33,152	\$ 35,246	\$ 36,691	\$ 37,322	\$ 38,580	
Total Sick Pool Liability (Dollars):	\$ 15,267	\$16,857	\$17,278	\$ 16,265	\$ 17,024	\$ 19,033	\$ 18,978	\$ 21,291	\$ 22,087	\$ 24,095	\$ 25,126	
Total Possible Liabilities:	\$ 61,278	\$63,926	\$62,796	\$ 59,380	\$ 61,545	\$ 63,372	\$ 63,599	\$ 69,052	\$ 72,683	\$ 62,861	\$ 78,701	

Fleet:												
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Vehicles Authorized:	5	5	5	5	5	5	5	5	5	5	5	
Vehicles Operational:	5	5	5	4	5	5	5	5	5	5	5	
Gasoline Used (gal):	397	360	306	252	244	295	367		328	413	268	
Total Miles Driven:	3842	5,347	2690	3131	2314	2687	3415		2374	27755	2169	

Police Activity:												
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>Calls for Service</b>												
Call dispatched:	42	38	39	25	39	47	34	48	26	34	28	
Self assigned calls:	35	5	8	5	12	8	21	21	20	15	25	
Total Calls for Service:	77	43	47	30	51	55	55	69	46	49	53	
Total Agency Assists:	59	38	28	51	44	36	40	58	41	44	55	
Criminal Offense Reports:	12	14	18	6	5	19	13		15	12	11	
Theft/Burglary Reports:	2	2	3	1		9	6		3	2	2	
<b>Arrests</b>												
Misdemeanor Arrests:	1	1				1	1	1	1			
Felony Arrests:								1	1			
Total Arrests:	1	1				1	1	2	2			
Proactive Citizen Contacts:	2	5	4	1	4		5		2		9	
<b>Vehicle Accidents</b>												
Minor Accidents:	2	1	7			2	2		2	4	5	
Major Accidents:	2	3		1	3	4	5		2	3	3	
Total Vehicle Accidents:	4	4	7	1	3	6	7		4	7	8	

Ordinance Violations:												
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Construction:	2	4	3	16		15	22	5	2			
Solicitation:							1					
Noise:						1				1	1	
Tree Related:												
Animal Related:											1	
Total Citations Issued					4	14	14	2	2			
Total Warnings Issued				4	9	2	21	3		3	2	
All Others:												
Total Ordinance Violations:	2	4	3	24	13	16	23	10	4			

Traffic Initiatives:												
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Total Citations/Warnings issued during traffic initiatives:	87	88	77	52	49	74	123	96	81	73	72	
Traffic Enforcement:												
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Total Citations issued:	31	48	55	45	32	42	43	70	41	38	49	
Total Warnings issued:	37	47	44	30	36	48	99	61	45	50	69	
Total Citations and Warnings:	68	95	99	75	68	90		131	86	88	118	
Location of Traffic Stops:												
City Roadways:	17	32	30	19	40	31	50	64	43	38	48	
Bee Caves Road:	70	62	58	39	16	36	67	40	25	21	42	
Total Traffic Stops:	87	94	88	58	56	67	117	104	68	59	90	
Type of Violations:												
Moving Violations:	77	47	36	47	36	48	101	85	57	60	66	
Non-Moving Violations:	30	23	44	28	32	42	41	46	29	28	52	
Total Violations:	116	71	82	75	68	90	142	131	86	88	118	
Parking Violations:												
Citations:				10	6	2	2	1	3	176	2	
Warnings:				20	22	2	1		2	2	3	
Total Parking Violations:	9	1	2	30	28	4	3	1	5	178	5	











CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
<b>ASSETS</b>		
100-1000	CLAIM ON POOLED CASH	1,741,729.73
100-1011	PETTY CASH - COURT	250.00
100-1014	CASH - TAX NOTES	2,007,105.60
100-1016	MERCHANT ACCT CASH	0.00
100-1018	CASH - DEVELOPMENT SERVICES	( 1,000.00)
100-1030	TEX-POOL	340,584.74
100-1050	NEW CASH	0.00
100-1131	NET PENSION ASSET	0.00
100-1141	DEFERRED OUTFLOWS OF RESOURCES	0.00
100-1142	DEFERRED OUTFLOWS - OPEB	0.00
100-1200	ACCOUNTS RECEIVABLE	0.00
100-1205	ALLOWANCE FOR UNCOLLECTIBLES	0.00
100-1206	ALLOWANCE FOR DOUBTFUL ACCTS	( 2,616.10)
100-1217	CENCOR PUD RECEIVABLE	0.00
100-1221	DUE FROM RCDC	0.00
100-1222	DUE FROM WATER FUND	0.00
100-1230	TAXES RECEIVABLE - GENERAL	26,284.56
100-1250	DUE FROM VENDORS	0.00
100-1350	SALES TAX RECEIVABLE	67,434.21
		<u>4,179,772.74</u>

TOTAL ASSETS

4,179,772.74

<b>LIABILITIES</b>		
100-2000	ACCOUNTS PAYABLE POOLED	15,540.00
100-2008	ACCOUNTS PAYABLE - OTHER	384.95
100-2010	HEALTH INSURANCE PAYABLE	( 29,282.41)
100-2012	AFLAC INSURANCE PAYABLE	( 181.16)
100-2015	EDC SALES TAX PAYABLE	0.00
100-2016	EMPLOYEE 457 CONTRIB PAYABLE	4,197.11
100-2020	FEDERAL WH PAYABLE	0.09
100-2030	UNEMPLOYMENT TAX PAYABLE	( 3,609.23)
100-2035	SOCIAL SEC/MEDICARE PAYABLE	( 2,914.03)
100-2050	APPEARANCE BOND RESERVE	( 1,591.64)
100-2055	OMNIBASE PAYABLE	( 116.69)
100-2060	RETIREMENT PAYOUT RESERVE	37,977.07
100-2070	DEFERRED REVENUE	4,281.02
100-2075	CHILD SUPPORT GARNISHMENT	0.72
100-2080	TMRS RETIREMENT WITHHELD	( 12,281.51)
100-2110	COMPENSATED ABSENCE PAY	0.00
100-2115	WAGES PAYABLE	19,090.00
100-2117	UNCLAIMED PROPERTY	0.00
100-2122	ACCRUED INTEREST PAYABLE	0.00
100-2132	MY PARK DAY	0.00
100-2137	PARK PET PAVERS	0.00
100-2138	TAX NOTES PAYABLE-SR 2020	0.00
100-2139	DEFERRED REV-LEOSE FUNDS	1,799.01
100-2140	VEHICLE FINANCING NOTES	0.00

CITY OF ROLLINGWOOD  
 BALANCE SHEET  
 AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
100-2141	ARPA DEFERRED REVENUE	61,702.32
100-2249	DEFERRED REV-FIELD RENTAL	33,660.00
100-2250	DEFERRED TAX REV=DELINQUENT TX	23,668.46
100-2253	DUE TO 2023 BOND ISSUE	5,305.10
100-2300	DUE TO DRAINAGE FUND	69,387.00
100-2301	DUE TO RCDC	0.00
100-2425	BLDG & MISC DEPOSITS	0.00
100-2600	TRAFFIC FINE RESERVE	13,408.13
	TOTAL LIABILITIES	<u>240,424.31</u>
<b>EQUITY</b>		
100-3000	FUND BALANCE-UNAPPROPRATED	5,133,619.49
100-3030	AMOUNT TO BE PROVIDED FOR	( 1,320,851.07)
	TOTAL BEGINNING EQUITY	<u>3,812,768.42</u>
	TOTAL REVENUE	302,655.08
	TOTAL EXPENSES	404,362.95
	TOTAL REVENUE OVER/(UNDER) EXPENSES	( 101,707.87)
	(WILL CLOSE TO FUND BAL.)	228,287.88
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>3,939,348.43</u>
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.	<u>4,179,772.74</u>

200-WATER FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
<b>ASSETS</b>		
200-1000	CLAIM ON POOLED CASH	972,742.96
200-1016	MERCHANT ACCT CASH	0.00
200-1018	CASH - DEVELOPMENT SERVICES	1,000.00
200-1030	TEX-POOL	64,006.00
200-1131	NET PENSION	( 4,969.00)
200-1141	DEFERRED OUTFLOW OF RESOURCES	15,317.32
200-1142	DEFERRED OUTFLOWS-OPEB	2,062.00
200-1200	ACCOUNTS RECEIVABLE	120,434.95
200-1201	ADDITIONAL RECYCLING RECEIVABL	19.24
200-1202	MISC AR -	0.00
200-1205	ALLOWANCE FOR UNCOLLECTIBLE	( 13,436.30)
200-1210	UNAPPLIED CREDITS	( 9,616.22)
200-1220	REFUNDS PAYABLE	( 977.88)
200-1250	ALLOWANCE FOR LOSSES	( 4,500.00)
200-1300	RETURNED CHECKS RECEIVABLE	( 5,568.09)
200-1600	WATER SYSTEM	1,885,140.74
200-1601	WATER LINE IMPROVEMENTS	1,799,149.92
200-1605	W/WW IMP BCR	561,036.56
200-1606	CAP IMP BACKFLOW	92,420.00
200-1610	ACCUMULATED DEPRECIATION	( 2,111,140.34)
200-1620	EQUIPMENT	70,196.33
200-1621	COMPUTER	1,726.00
200-1628	ACCUM DEPREC MAINT & OFFICE	( 46,576.43)
		<u>3,388,467.76</u>
TOTAL ASSETS		<u>3,388,467.76</u>

<b>LIABILITIES</b>		
200-2000	ACCOUNTS PAYABLE POOLED	0.00
200-2008	ACCOUNTS PAYABLE OTHER	0.00
200-2010	HEALTH INSURANCE PAYABLE	525.63
200-2012	AFLAC INSURANCE PAYABLE	5.47
200-2015	ECONOMIC DEV SALES TAX	0.00
200-2016	EMPLOYEE 457 CONTRIB PAYABL	0.00
200-2020	FEDERAL WH PAYABLE	0.20
200-2030	UNEMPLOYMENT TAX PAYABLE	( 198.34)
200-2035	SOC SEC/MEDICARE PAYABLE	2,878.90
200-2060	RETIREMENT PAYOUT RESERVE	0.00
200-2080	TMRS RETIREMENT PAYABLE	( 2,782.21)
200-2100	METER SERVICE DEPOSITS	0.00
200-2110	COMPENSATED ABSENCE PAYABLE	6,969.43
200-2115	WAGES PAYABLE	3,464.00
200-2120	BONDS PAYABLE-SR2014 WTR IMP	606,375.00
200-2121	BOND PREMIUM-SR2014 WTR IMPRV	31,588.76
200-2122	ACCRUED INTEREST PAYABLE	3,651.19
200-2123	GOVERNMENT CAPITAL LEASE	33,893.07
200-2128	DUE TO VENDORS	0.00
200-2140	DEFERRED INFLOWS OF RESOURCES	18,646.00

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

200-WATER FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
200-2142	RES STORM DISCHA PERMIT-ZONE 8	96.00
200-2145	OPEB LIABILITY	8,033.00
200-2310	DUE TO MERCHANT ACCOUNT	0.00
200-2400	CUSTOMER DEPOSITS PAYABLE	177,570.00
200-2401	CUSTOMER DEPOSITS	0.00
200-2425	BLDG & MISC DEPOSITS	1,750.00
	TOTAL LIABILITIES	<u>892,466.10</u>
<b>EQUITY</b>		
=====		
200-3000	FUND BALANCE-UNAPPROPRATED	738,622.46
200-3600	INVEST IN FA NET RELATED DEBT	1,256,765.70
	TOTAL BEGINNING EQUITY	<u>1,995,388.16</u>
	TOTAL REVENUE	269,400.47
	TOTAL EXPENSES	102,539.88
	TOTAL REVENUE OVER/(UNDER) EXPENSES	<u>166,860.59</u>
	(WILL CLOSE TO FUND BAL.)	333,752.91
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>2,496,001.66</u>
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.	<u><u>3,388,467.76</u></u>

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

301-STREET MAINTENANCE

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
=====			
301-1000	CLAIM ON POOLED CASH	489,362.93	
301-1350	SALES TAX RECEIVABLE	<u>10,539.09</u>	
			<u>499,902.02</u>
	<b>TOTAL ASSETS</b>		<u>499,902.02</u>
<b>LIABILITIES</b>			
=====			
301-2000	ACCOUNTS PAYABLE POOLED	0.00	
301-2060	RETIREMENT PAYOUT RESERVE	0.00	
301-2140	VEHICLE FINANCING NOTES	<u>0.00</u>	
	<b>TOTAL LIABILITIES</b>		<u>0.00</u>
<b>EQUITY</b>			
=====			
301-3000	FUND BALANCE-UNAPPROPRATED	<u>406,468.44</u>	
	<b>TOTAL BEGINNING EQUITY</b>	<u>406,468.44</u>	
	<b>TOTAL REVENUE</b>	32,887.26	
	<b>TOTAL EXPENSES</b>	0.00	
	<b>TOTAL REVENUE OVER/(UNDER) EXPENSES</b>	<u>32,887.26</u>	
	<b>(WILL CLOSE TO FUND BAL.)</b>	60,546.32	
	<b>TOTAL EQUITY &amp; REV. OVER/(UNDER) EXP.</b>		<u>499,902.02</u>
	<b>TOTAL LIABILITIES, EQUITY &amp; REV.OVER/(UNDER) EXP.</b>		<u>499,902.02</u>

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

310-COURT SECURITY FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<u>ASSETS</u>			
310-1000	CLAIM ON POOLED CASH	<u>13,189.03</u>	<u>13,189.03</u>
TOTAL ASSETS			<u>13,189.03</u>
<u>LIABILITIES</u>			
310-2000	ACCOUNTS PAYABLE POOLED	0.00	
310-2050	APPEARANCE BOND RESERVE	0.00	
310-2060	RETIREMENT PAYOUT RESERVE	0.00	
310-2140	VECHICLE FINANCING NOTES	0.00	
TOTAL LIABILITIES			<u>0.00</u>
<u>EQUITY</u>			
310-3000	UNAPPROPRIATED FUND BALANCE	3,685.92	
310-3450	RESERVE FOR COURT TECHNOLOGY	0.00	
310-3451	RESERVE FOR COURT SECURITY	<u>6,192.55</u>	
TOTAL BEGINNING EQUITY		<u>9,878.47</u>	
TOTAL REVENUE		761.12	
TOTAL EXPENSES		<u>0.00</u>	
TOTAL REVENUE OVER/ (UNDER) EXPENSES		761.12	
(WILL CLOSE TO FUND BAL.)		2,549.44	
TOTAL EQUITY & REV. OVER/ (UNDER) EXP.			<u>13,189.03</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/ (UNDER) EXP.			<u>13,189.03</u>



CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

320-COURT TECHNOLOGY FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
=====			
320-1000	CLAIM ON POOLED CASH	<u>11,628.06</u>	<u>11,628.06</u>
TOTAL ASSETS			<u>11,628.06</u>
<b>LIABILITIES</b>			
=====			
320-2000	ACCOUNTS PAYABLE POOLED	0.00	
320-2008	ACCOUNTS PAYABLE OTHER	0.00	
320-2050	APPEARANCE BOND RESERVE	0.00	
320-2060	RETIREMENT PAYOUT RESERVE	0.00	
320-2140	VEHICLE FINANCING NOTES	0.00	
TOTAL LIABILITIES		<u>0.00</u>	
<b>EQUITY</b>			
=====			
320-3450	FUND BALNCE - COURT TECH	<u>9,548.22</u>	
TOTAL BEGINNING EQUITY		<u>9,548.22</u>	
TOTAL REVENUE		622.89	
TOTAL EXPENSES		<u>27.50</u>	
TOTAL REVENUE OVER/(UNDER) EXPENSES		<u>595.39</u>	
(WILL CLOSE TO FUND BAL.)		1,484.45	
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>11,628.06</u>	
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			<u>11,628.06</u>

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

330-COURT EFFICIENCY FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
=====			
330-1000	CLAIM ON POOLED CASH	<u>114.31</u>	
			<u>114.31</u>
	<b>TOTAL ASSETS</b>		<u><u>114.31</u></u>
<b>LIABILITIES</b>			
=====			
330-2000	ACCOUNTS PAYABLE POOLED	0.00	
330-2060	RETIREMENT PAYOUT RESERVE	0.00	
330-2140	VEHICLE FINANCING NOTES	<u>0.00</u>	
	<b>TOTAL LIABILITIES</b>		<u>0.00</u>
<b>EQUITY</b>			
=====			
330-3000	FUND BALANCE-UNAPPROPRATED	<u>114.31</u>	
	<b>TOTAL BEGINNING EQUITY</b>	<u>114.31</u>	
	<b>TOTAL REVENUE</b>	0.00	
	<b>TOTAL EXPENSES</b>	<u>0.00</u>	
	<b>TOTAL REVENUE OVER/(UNDER) EXPENSES</b>	0.00	
	<b>TOTAL EQUITY &amp; REV. OVER/(UNDER) EXP.</b>		<u>114.31</u>
	<b>TOTAL LIABILITIES, EQUITY &amp; REV.OVER/(UNDER) EXP.</b>		<u><u>114.31</u></u>

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

430-DEBT SERVICE FUND 2014

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
=====			
430-1000	CLAIM ON POOLED CASH	1,661.82	
430-1007	CASH-DS SR2014 GO STREETS	( 1.34)	
430-1009	CASH-DS SR2014 WATER IMPROV	1.34	
430-1206	ALLOWANCE FOR DOUBTFUL COLL	( 1,997.76)	
430-1230	TAXES RECEIVABLE	<u>23,291.12</u>	
			<u>22,955.18</u>
TOTAL ASSETS			<u>22,955.18</u>
<b>LIABILITIES</b>			
=====			
430-2000	ACCOUNTS PAYABLE POOLED	0.00	
430-2060	Retirement Payout Reserve	0.00	
430-2140	Vehicle Financing Notes	0.00	
430-2250	DEFERRED TAX REV-DELINQUENT TX	<u>21,293.36</u>	
	TOTAL LIABILITIES		<u>21,293.36</u>
<b>EQUITY</b>			
=====			
430-3000	FUND BALANCE-UNAPPROPRATED	<u>757.93</u>	
	TOTAL BEGINNING EQUITY	757.93	
TOTAL REVENUE		2,818.36	
TOTAL EXPENSES		<u>0.00</u>	
TOTAL REVENUE OVER/(UNDER) EXPENSES		2,818.36	
(WILL CLOSE TO FUND BAL.)		( 1,914.47)	
TOTAL EQUITY & REV. OVER/(UNDER) EXP.			<u>1,661.82</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			<u>22,955.18</u>

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

440-DEBT SERVICE FUND 2012

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
<u>ASSETS</u>		
440-1000	CLAIM ON POOLED CASH	( 1,899.03)
		( 1,899.03)
	<b>TOTAL ASSETS</b>	<b>( 1,899.03)</b>
<u>LIABILITIES</u>		
440-2000	ACCOUNTS PAYABLE POOLED	0.00
440-2060	Retirement Payout Reserve	0.00
440-2140	Vehicle Financing Notes	0.00
	<b>TOTAL LIABILITIES</b>	<b>0.00</b>
<u>EQUITY</u>		
440-3000	FUND BALANCE-UNAPPROPRATED	773.56
	<b>TOTAL BEGINNING EQUITY</b>	<b>773.56</b>
	<b>TOTAL REVENUE</b>	<b>109.50</b>
	<b>TOTAL EXPENSES</b>	<b>0.00</b>
	<b>TOTAL REVENUE OVER/ (UNDER) EXPENSES</b>	<b>109.50</b>
	<b>(WILL CLOSE TO FUND BAL.)</b>	<b>( 2,782.09)</b>
	<b>TOTAL EQUITY &amp; REV. OVER/ (UNDER) EXP.</b>	<b>( 1,899.03)</b>
	<b>TOTAL LIABILITIES, EQUITY &amp; REV.OVER/ (UNDER) EXP.</b>	<b>( 1,899.03)</b>

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

450-DEBT SERVICE FUND 2019

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
=====			
450-1000	CLAIM ON POOLED CASH	<u>5,726.09</u>	<u>5,726.09</u>
TOTAL ASSETS			<u>5,726.09</u>
=====			
<b>LIABILITIES</b>			
=====			
450-2000	ACCOUNTS PAYABLE POOLED	0.00	
450-2060	Retirement Payout Reserve	0.00	
450-2140	Vehicle Financing Notes	<u>0.00</u>	
TOTAL LIABILITIES			<u>0.00</u>
=====			
<b>EQUITY</b>			
=====			
450-3000	FUND BALANCE-UNAPPROPRATED	( <u>1,263.25</u> )	
TOTAL BEGINNING EQUITY		( <u>1,263.25</u> )	
TOTAL REVENUE		10,029.49	
TOTAL EXPENSES		<u>0.00</u>	
TOTAL REVENUE OVER/(UNDER) EXPENSES		<u>10,029.49</u>	
(WILL CLOSE TO FUND BAL.)		( <u>3,040.15</u> )	
TOTAL EQUITY & REV. OVER/(UNDER) EXP.			<u>5,726.09</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			<u>5,726.09</u>
=====			

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

460-DEBT SERVICE FUND 2020

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<u>ASSETS</u>			
=====			
460-1000	CLAIM ON POOLED CASH	<u>6,141.48</u>	<u>6,141.48</u>
TOTAL ASSETS			<u>6,141.48</u>
<u>LIABILITIES</u>			
=====			
460-2000	ACCOUNTS PAYABLE POOLED	0.00	
460-2060	Retirement Payout Reserve	0.00	
460-2140	Vehicle Financing Notes	<u>0.00</u>	
TOTAL LIABILITIES			<u>0.00</u>
<u>EQUITY</u>			
=====			
460-3000	FUND BALANCE-UNAPPROPRATED	<u>4,202.99</u>	
TOTAL BEGINNING EQUITY		<u>4,202.99</u>	
TOTAL REVENUE		4,458.96	
TOTAL EXPENSES		<u>0.00</u>	
TOTAL REVENUE OVER/(UNDER) EXPENSES		<u>4,458.96</u>	
(WILL CLOSE TO FUND BAL.)		( 2,520.47)	
TOTAL EQUITY & REV. OVER/(UNDER) EXP.			<u>6,141.48</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			<u>6,141.48</u>

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

470-DEBT SERVICE FUND 2023

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
=====			
470-1000	CLAIM ON POOLED CASH	<u>3,266.59</u>	<u>3,266.59</u>
TOTAL ASSETS			<u>3,266.59</u>
=====			
<b>LIABILITIES</b>			
=====			
470-2000	ACCOUNTS PAYABLE POOLED	<u>0.00</u>	
TOTAL LIABILITIES			<u>0.00</u>
TOTAL REVENUE		3,266.59	
TOTAL EXPENSES		<u>0.00</u>	
TOTAL REVENUE OVER/ (UNDER) EXPENSES		<u>3,266.59</u>	
TOTAL EQUITY & REV. OVER/ (UNDER) EXP.			<u>3,266.59</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/ (UNDER) EXP.			<u>3,266.59</u>
=====			

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

701-CAPITAL PROJECTS FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
701-1000	CLAIM ON POOLED CASH	( 135,411.65)	
701-1019	CASH - 2023 BOND ISSUE	<u>3,688,913.00</u>	
			<u>3,553,501.35</u>
<b>TOTAL ASSETS</b>			<u><u>3,553,501.35</u></u>
<b>LIABILITIES</b>			
701-2000	ACCOUNTS PAYABLE POOLED	0.00	
701-2008	YEAR-END ACCOUINTS PAYABLE	0.00	
701-2060	Retirement Payout Reserve	0.00	
701-2140	Vehicle Financing Notes	<u>0.00</u>	
	<b>TOTAL LIABILITIES</b>		<u>0.00</u>
<b>EQUITY</b>			
701-3000	FUND BALANCE-UNAPPROPRATED	<u>0.00</u>	
	<b>TOTAL BEGINNING EQUITY</b>	<u>0.00</u>	
	<b>TOTAL REVENUE</b>	616.45	
	<b>TOTAL EXPENSES</b>	<u>0.00</u>	
	<b>TOTAL REVENUE OVER/(UNDER) EXPENSES</b>	616.45	
	<b>(WILL CLOSE TO FUND BAL.)</b>	<u>3,552,884.90</u>	
	<b>TOTAL EQUITY &amp; REV. OVER/(UNDER) EXP.</b>		<u><u>3,553,501.35</u></u>
	<b>TOTAL LIABILITIES, EQUITY &amp; REV.OVER/(UNDER) EXP.</b>		<u><u>3,553,501.35</u></u>



CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

## 702-DRAINAGE FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
<u>ASSETS</u>		
702-1000	CLAIM ON POOLED CASH	( 255,904.87)
702-1016	MERCHANT ACCT CASH	0.00
702-1200	DUE FROM GENERAL FUND	<u>69,387.00</u>
		( <u>186,517.87</u> )
TOTAL ASSETS		( <u>186,517.87</u> )
<u>LIABILITIES</u>		
702-2000	ACCOUNTS PAYABLE POOLED	0.00
702-2008	ACCOUNTS PAYABLE - OTHER	0.00
702-2060	Retirement Payout Reserve	0.00
702-2140	Vehicle Financing Notes	0.00
702-2141	RES STORM DISCHA PERMIT-ZONE 7	0.00
702-2143	RES STORM DISCHA PERMIT-ZONE 1	3,500.00
702-2144	RES STORM DISCHA PERMIT-ZONE 4	<u>37,384.00</u>
	TOTAL LIABILITIES	<u>40,884.00</u>
<u>EQUITY</u>		
702-3000	FUND BALANCE-UNAPPROPRATED	( <u>118,981.10</u> )
	TOTAL BEGINNING EQUITY	( <u>118,981.10</u> )
	TOTAL REVENUE	12,162.50
	TOTAL EXPENSES	<u>0.00</u>
	TOTAL REVENUE OVER/(UNDER) EXPENSES	12,162.50
	(WILL CLOSE TO FUND BAL.)	( <u>120,583.27</u> )
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	( <u>227,401.87</u> )
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.	( <u>186,517.87</u> )

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

800-WASTE WATER FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
<b>ASSETS</b>		
800-1000	CLAIM ON POOLED CASH	368,097.35
800-1030	TEX-POOL	320,865.21
800-1031	NET PENSION	( 4,969.00)
800-1141	DEFERRED OUTFLOW OF RESOURCES	15,317.32
800-1142	DEFERRED OUTFLOWS-OPEB	2,062.00
800-1200	ACCOUNTS RECEIVABLE	85,569.50
800-1205	ALLOWANCE FOR UNCOLLECTIBLE	( 12,007.91)
800-1213	MIRA VISTA PUD LIVE OAK	805.97
800-1215	OTHER RECEIVABLES (WATER)	3,054.45
800-1216	MIRA VISTA PUD RECEIVABLE	1,043.95
800-1217	CENCOR PUD RECEIVABLE	2,292.80
800-1218	ENDEAVOR PUD RECEIVABLE	8,070.40
800-1219	RESTITUTION RECEIVABLE	921.33
800-1611	ACCUM DEPREC - BUILDING	( 5,160.00)
800-1614	CONSTRUCTION IN PROGRESS	331,426.50
800-1615	LINE IMPROVEMENTS	194,039.50
800-1616	WASTEWATER SYSTEM	12,262,665.58
800-1620	EQUIPMENT	99,957.22
800-1628	ACCUM DEPREC = MAINT & OFFICE	( 1,927,247.09)
800-1630	ACCUM DEPREC - EQUIPMENT	( 1,475,586.88)
800-1721	LAND IMPROVEMENTS	43,000.00
		<u>10,314,218.20</u>
<b>TOTAL ASSETS</b>		<u>10,314,218.20</u>

<b>LIABILITIES</b>		
800-2000	ACCOUNTS PAYABLE POOLED	0.00
800-2008	ACCOUNTS PAYABLE OTHER	913.76
800-2010	HEALTH INSURANCE PAYABLE	720.27
800-2012	AFLAC INSURANCE PAYABLE	0.00
800-2016	EMPLOYEE 457 CONTRIB PAYABL	0.00
800-2020	FEDERAL WH PAYABLE	( 562.24)
800-2030	UNEMPLOYMENT TAX PAYABLE	( 533.69)
800-2035	SOC SEC/MEDICARE PAYABLE	620.50
800-2060	RETIREMENT PAYOUT RESERVE	0.00
800-2070	Televising / Smoke Testing Res	65,000.00
800-2080	TMRS RETIREMENT PAYABLE	( 3,718.52)
800-2090	DEPERRED REV- PAVING ASSESS	0.00
800-2091	DEFERRED REVENUE-PAVING ASSES	0.00
800-2110	COMPENSATED ABSENCE PAYABLE	6,969.43
800-2115	WAGES PAYABLE	3,464.00
800-2122	ACCRUED INTEREST PAYABLE	53,264.00
800-2124	BONDS PAYABLE-SR2012A	305,000.00
800-2135	BONDS PAYABLE-2019 REFUNDING	9,010,568.00
800-2136	BOND PREMIUM-2019 REFUNDING	500,339.53
800-2140	DEFERRED INFLOWS OF RESOURCES	18,646.00
800-2142	RES STORM DISCHA PERMIT-ZONE 8	96.00
800-2145	OPEB LIABILITY	8,033.00

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

800-WASTE WATER FUND

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE
TOTAL LIABILITIES		<u>9,968,820.04</u>
<b>EQUITY</b>		
=====		
800-3000	FUND BALANCE-UNAPPROPRATED	423,539.65
800-3030	AMOUNT TO BE PROVIDED FOR	( 105,000.00)
800-3451	RESERVE FOR COURT SECURITY	( 137,476.19)
800-3600	INVEST IN FA NET RELATED DEBT	<u>136,933.00</u>
	TOTAL BEGINNING EQUITY	317,996.46
TOTAL REVENUE		183,466.66
TOTAL EXPENSES		<u>128,654.47</u>
	TOTAL REVENUE OVER/(UNDER) EXPENSES	54,812.19
	(WILL CLOSE TO FUND BAL.)	( 27,410.49)
TOTAL EQUITY & REV. OVER/(UNDER) EXP.		<u>345,398.16</u>
TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		<u><u>10,314,218.20</u></u>

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND  
 FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
ADMINISTRATION	2,903,033.00	110,650.91	238,737.45	8.22	2,664,295.55
DEVELOPMENT SERVICES	99,750.00	5,147.00	27,247.50	27.32	72,502.50
SANITATION	0.00	26.20	52.40	0.00	( 52.40)
UTILITY BILLING	120,000.00	0.00	0.00	0.00	120,000.00
STREETS	150,000.00	0.00	0.00	0.00	150,000.00
POLICE	2,250.00	15.00	35.00	1.56	2,215.00
COURT	42,750.00	14,272.16	30,280.23	70.83	12,469.77
PARK DEPARTMENT	40,200.00	5,600.00	6,302.50	15.68	33,897.50
PUBLIC WORKS	0.00	0.00	0.00	0.00	0.00
<b>TOTAL REVENUES</b>	<b>3,357,983.00</b>	<b>135,711.27</b>	<b>302,655.08</b>	<b>9.01</b>	<b>3,055,327.92</b>
<u>EXPENDITURE SUMMARY</u>					
ADMINISTRATION	664,939.00	48,266.68	84,168.85	12.66	580,770.15
DEVELOPMENT SERVICES	328,366.00	7,476.16	17,307.32	5.27	311,058.68
SANITATION	157,500.00	19,141.07	32,791.07	20.82	124,708.93
UTILITY BILLING	123,715.00	5,030.86	12,657.18	10.23	111,057.82
STREETS	302,963.00	4,376.03	10,206.17	3.37	292,756.83
POLICE	1,605,045.00	62,641.94	221,064.91	13.77	1,383,980.09
COURT	92,090.00	5,130.94	9,922.35	10.77	82,167.65
PARK DEPARTMENT	118,480.00	4,935.44	10,022.76	8.46	108,457.24
PUBLIC WORKS	66,550.00	6,086.37	6,222.34	9.35	60,327.66
<b>TOTAL EXPENDITURES</b>	<b>3,459,648.00</b>	<b>163,085.49</b>	<b>404,362.95</b>	<b>11.69</b>	<b>3,055,285.05</b>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	<b>( 101,665.00)</b>	<b>( 27,374.22)</b>	<b>( 101,707.87)</b>		<b>42.87</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>ADMINISTRATION</b>					
<b>TAXES</b>					
100-4-10-4000 CURRENT PROPERTY TAXES	1,488,016.00	20,739.72	20,882.54	1.40	1,467,133.46
100-4-10-4020 PENALTY & INTEREST ON TAXES	10,000.00	65.64	146.78	1.47	9,853.22
100-4-10-4030 GROSS RECEIPTS TAX (GAS)	25,000.00	6,896.33	6,896.33	27.59	18,103.67
100-4-10-4035 TELECOMMUNICATIONS TAX	20,000.00	5,163.71	5,223.71	26.12	14,776.29
100-4-10-4036 MIXED BEVERAGE TAX	5,000.00	392.78	852.04	17.04	4,147.96
100-4-10-4037 4-B SALES TAX	150,000.00	15,015.57	32,826.81	21.88	117,173.19
100-4-10-4040 CITY SALES TAX	625,000.00	60,062.29	131,307.26	21.01	493,692.74
100-4-10-4050 FRANCHISE TAX (CABLE TV)	5,000.00	543.24	864.63	17.29	4,135.37
100-4-10-4051 ELECT UTIL FRANCHISE FEE	95,000.00	0.00	36,026.29	37.92	58,973.71
TOTAL TAXES	2,423,016.00	108,879.28	235,026.39	9.70	2,187,989.61
<b>CHARGE FOR SERVICES</b>					
100-4-10-4209 RCDC ADMINISTRATION FEES	72,000.00	0.00	0.00	0.00	72,000.00
100-4-10-4236 WATER FUND ADMIN FEE	65,000.00	0.00	0.00	0.00	65,000.00
100-4-10-4237 WASTEWATER FD ADMIN FEE	40,000.00	0.00	0.00	0.00	40,000.00
TOTAL CHARGE FOR SERVICES	177,000.00	0.00	0.00	0.00	177,000.00
<b>LICENSE &amp; PERMITS</b>					
100-4-10-4316 SOLICITAION PERMIT FEES	100.00	0.00	100.00	100.00	0.00
TOTAL LICENSE & PERMITS	100.00	0.00	100.00	100.00	0.00
<b>INVESTMENT INCOME</b>					
100-4-10-4400 INTEREST INCOME	10,000.00	1,497.32	3,033.64	30.34	6,966.36
100-4-10-4401 INTEREST INCOME - CHECKING	1,000.00	109.35	242.01	24.20	757.99
100-4-10-4405 INTEREST INCOME - TAX NOTES	500.00	164.96	335.41	67.08	164.59
TOTAL INVESTMENT INCOME	11,500.00	1,771.63	3,611.06	31.40	7,888.94
<b>MISCELLANEOUS REVENUE</b>					
100-4-10-4540 MISCELLANEOUS RECEIPTS	50.00	0.00	0.00	0.00	50.00
100-4-10-4565 GRANT REVENUES	0.00	0.00	0.00	0.00	0.00
100-4-10-4566 OPIOD SETTLEMENT DISTRIBUTION	100.00	0.00	0.00	0.00	100.00
100-4-10-4578 PROCEEDS FROM CAPITAL LEASE	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	150.00	0.00	0.00	0.00	150.00
<b>OTHER REVENUE</b>					
100-4-10-4700 UNEXPENDED BALANCE TRANSFER	236,267.00	0.00	0.00	0.00	236,267.00
100-4-10-4738 ACL REVENUES	55,000.00	0.00	0.00	0.00	55,000.00
TOTAL OTHER REVENUE	291,267.00	0.00	0.00	0.00	291,267.00
<b>TOTAL ADMINISTRATION</b>	<b>2,903,033.00</b>	<b>110,650.91</b>	<b>238,737.45</b>	<b>8.22</b>	<b>2,664,295.55</b>

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>DEVELOPMENT SERVICES</b>					
<b>CHARGE FOR SERVICES</b>					
100-4-15-4210 BOARD OF ADJUSTMENT FEES	0.00	0.00	0.00	0.00	0.00
TOTAL CHARGE FOR SERVICES	0.00	0.00	0.00	0.00	0.00
<b>LICENSE &amp; PERMITS</b>					
100-4-15-4301 TREE REMOVAL AND REPLACEMENT	2,500.00	215.00	520.00	20.80	1,980.00
100-4-15-4302 INSPECTIONS	35,000.00	2,025.00	4,575.00	13.07	30,425.00
100-4-15-4303 BUILDING FEES	60,000.00	2,722.00	17,198.50	28.66	42,801.50
100-4-15-4304 ZONING CHANGE	0.00	0.00	0.00	0.00	0.00
100-4-15-4305 SIGN FEES	250.00	125.00	250.00	100.00	0.00
100-4-15-4306 EMERGENCY & UTILITIES PERMITS	0.00	0.00	0.00	0.00	0.00
100-4-15-4307 APPLICATION FILING FEE	250.00	60.00	310.00	124.00 (	60.00)
100-4-15-4308 PUBLISH / NOTICE FEE	0.00	0.00	4,094.00	0.00 (	4,094.00)
100-4-15-4310 PLAT FEES	1,500.00	0.00	0.00	0.00	1,500.00
100-4-15-4311 VARIANCE FEES	250.00	0.00	0.00	0.00	250.00
100-4-15-4312 CERTIFICATE OF OCCUPANCY	0.00	0.00	300.00	0.00 (	300.00)
100-4-15-4313 ELEVATION AND HEIGHT ELEVATION	0.00	0.00	0.00	0.00	0.00
TOTAL LICENSE & PERMITS	99,750.00	5,147.00	27,247.50	27.32	72,502.50
TOTAL DEVELOPMENT SERVICES	99,750.00	5,147.00	27,247.50	27.32	72,502.50
<b>SANITATION</b>					
<b>UTILITY REVENUE</b>					
100-4-20-4620 ADDITIONAL RECYCLING CHARGE	0.00	26.20	52.40	0.00 (	52.40)
TOTAL UTILITY REVENUE	0.00	26.20	52.40	0.00 (	52.40)
TOTAL SANITATION	0.00	26.20	52.40	0.00 (	52.40)
<b>UTILITY BILLING</b>					
<b>MISCELLANEOUS REVENUE</b>					
100-4-25-4579 WATER REVENUE-TRANSFER IN	60,000.00	0.00	0.00	0.00	60,000.00
100-4-25-4580 WASTEWATER REV-TRANSFER IN	60,000.00	0.00	0.00	0.00	60,000.00
TOTAL MISCELLANEOUS REVENUE	120,000.00	0.00	0.00	0.00	120,000.00
TOTAL UTILITY BILLING	120,000.00	0.00	0.00	0.00	120,000.00
<b>STREETS</b>					

CITY OF ROLLINGWOOD  
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AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

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REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>OTHER REVENUE</b>					
100-4-30-4721 TRANSFER FROM STREET MAINT	150,000.00	0.00	0.00	0.00	150,000.00
100-4-30-4722 UNEXPENDED BALANCE TRANSFER	0.00	0.00	0.00	0.00	0.00
TOTAL OTHER REVENUE	150,000.00	0.00	0.00	0.00	150,000.00
<b>TOTAL STREETS</b>	150,000.00	0.00	0.00	0.00	150,000.00
<b>POLICE</b>					
<b>MISCELLANEOUS REVENUE</b>					
100-4-40-4542 POLICE MISCELLANEOUS REVENUE	250.00	15.00	35.00	14.00	215.00
100-4-40-4558 VEHICLE OPERATIONS	1,000.00	0.00	0.00	0.00	1,000.00
100-4-40-4567 LEOSE FUNDS	1,000.00	0.00	0.00	0.00	1,000.00
TOTAL MISCELLANEOUS REVENUE	2,250.00	15.00	35.00	1.56	2,215.00
<b>TOTAL POLICE</b>	2,250.00	15.00	35.00	1.56	2,215.00
<b>COURT</b>					
<b>COURT REVENUE</b>					
100-4-50-4100 COURT FINES	35,000.00	12,250.70	26,252.54	75.01	8,747.46
100-4-50-4101 COLLECTION AGENCY FEES	1,000.00	200.07	416.61	41.66	583.39
100-4-50-4105 MUNI COURT BLDG SECURITY	50.00	0.00	0.00	0.00	50.00
100-4-50-4110 ADMINISTRATIVE COURT FEES	3,000.00	750.82	1,479.07	49.30	1,520.93
100-4-50-4127 DRIVER SAFETY COURSE ADM FEE	100.00	0.00	0.00	0.00	100.00
100-4-50-4128 TRUANCY PREVENTION FUND	1,000.00	387.95	775.59	77.56	224.41
100-4-50-4155 CHILD SAFETY REVENUE	1,000.00	139.55	272.30	27.23	727.70
100-4-50-4190 TRUANCY PREVENTION & DIVERSI	0.00	0.00	0.00	0.00	0.00
100-4-50-4191 MUNICIPAL COURT TECHNOLOGY	0.00	0.00	0.00	0.00	0.00
100-4-50-4192 MUNICIPAL JURY FUND	50.00	7.72	15.46	30.92	34.54
TOTAL COURT REVENUE	41,200.00	13,736.81	29,211.57	70.90	11,988.43
<b>MISCELLANEOUS REVENUE</b>					
100-4-50-4526 CREDIT-DEBIT CARD FEES	1,500.00	535.35	1,068.66	71.24	431.34
100-4-50-4540 MISCELLANEOUS RECEIPTS	50.00	0.00	0.00	0.00	50.00
TOTAL MISCELLANEOUS REVENUE	1,550.00	535.35	1,068.66	68.95	481.34
<b>TOTAL COURT</b>	42,750.00	14,272.16	30,280.23	70.83	12,469.77

PARK DEPARTMENT

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
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100-GENERAL FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>LICENSE &amp; PERMITS</b>					
100-4-55-4319 COMMERCIAL PARK PERMITS	5,000.00	600.00	1,302.50	26.05	3,697.50
100-4-55-4320 FIELD LEASE	35,000.00	0.00	0.00	0.00	35,000.00
TOTAL LICENSE & PERMITS	<u>40,000.00</u>	<u>600.00</u>	<u>1,302.50</u>	<u>3.26</u>	<u>38,697.50</u>
<b>MISCELLANEOUS REVENUE</b>					
100-4-55-4523 DONATIONS-COMM EDUC GARGEN	100.00	0.00	0.00	0.00	100.00
100-4-55-4555 DONATIONS - PARK	100.00	5,000.00	5,000.00	5,000.00	( 4,900.00)
TOTAL MISCELLANEOUS REVENUE	<u>200.00</u>	<u>5,000.00</u>	<u>5,000.00</u>	<u>2,500.00</u>	<u>( 4,800.00)</u>
<b>TOTAL PARK DEPARTMENT</b>	<b>40,200.00</b>	<b>5,600.00</b>	<b>6,302.50</b>	<b>15.68</b>	<b>33,897.50</b>
<b>PUBLIC WORKS</b>					
<b>MISCELLANEOUS REVENUE</b>					
100-4-65-4565 GRANT REVENUES	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>OTHER REVENUE</b>					
100-4-65-4700 UNEXPENDED BALANCE TRANSFER	0.00	0.00	0.00	0.00	0.00
TOTAL OTHER REVENUE	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>TOTAL PUBLIC WORKS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>TOTAL REVENUES</b>	<b><u>3,357,983.00</u></b>	<b><u>135,711.27</u></b>	<b><u>302,655.08</u></b>	<b><u>9.01</u></b>	<b><u>3,055,327.92</u></b>



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100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>ADMINISTRATION</b>					
<b>PERSONNEL</b>					
100-5-10-5000 SALARY	111,547.00	3,390.15	9,997.47	8.96	101,549.53
100-5-10-5002 HOLIDAY COMPENSATION	7,000.00	0.00	0.00	0.00	7,000.00
100-5-10-5006 OVERTIME/PLANNED OVERTIME	0.00	0.00	0.00	0.00	0.00
100-5-10-5007 STIPENDS/CERTIFICATIONS	4,270.00	0.00	0.00	0.00	4,270.00
100-5-10-5009 RETIREMENT PAYOUT RESERVE	15,000.00	0.00	0.00	0.00	15,000.00
100-5-10-5010 TRAINING	10,000.00	( 271.52) (	271.52)	2.72-	10,271.52
100-5-10-5020 HEALTH INSURANCE	9,200.00	398.17	1,180.35	12.83	8,019.65
100-5-10-5030 WORKERS COMP INSURANCE	3,000.00	0.00	2,912.84	97.09	87.16
100-5-10-5035 SOCIAL SECURITY/MEDICARE	9,396.00	259.36	764.82	8.14	8,631.18
100-5-10-5040 UNEMPLOYMENT COMP INSUR	110.00	0.00	0.00	0.00	110.00
100-5-10-5050 TX MUNICIPAL RETIREMENT SYS	15,966.00	418.27	1,233.47	7.73	14,732.53
100-5-10-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	185,489.00	4,194.43	15,817.43	8.53	169,671.57
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-10-5101 FAX / COPIER	2,500.00	148.50	297.00	11.88	2,203.00
100-5-10-5103 PRINTING & REPRODUCTION	3,000.00	238.98	238.98	7.97	2,761.02
100-5-10-5110 POSTAGE	2,000.00	249.11	249.11	12.46	1,750.89
100-5-10-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
100-5-10-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
100-5-10-5120 SUBSCRIPTIONS & MEMBERSHIPS	5,000.00	200.00	200.00	4.00	4,800.00
100-5-10-5125 TRAVEL	3,000.00	1,564.27	1,564.27	52.14	1,435.73
100-5-10-5140 TELEPHONE	2,500.00	275.22	357.21	14.29	2,142.79
100-5-10-5157 RECORDS MANAGEMENT	4,000.00	1,084.12	1,084.12	27.10	2,915.88
100-5-10-5158 OFFICE SUPPLIES	7,000.00	507.34	744.12	10.63	6,255.88
100-5-10-5198 MAINT & SUPPLIES - JANITORIAL	6,000.00	420.00	840.00	14.00	5,160.00
TOTAL SUPPLIES & OPERATION EXP	35,000.00	4,687.54	5,574.81	15.93	29,425.19
<b>CONTRACTUAL SERVICES</b>					
100-5-10-5201 COLLECTION AGENCY FEES	0.00	0.00	0.00	0.00	0.00
100-5-10-5204 LEGAL SERVICES - MOPAC	0.00	0.00	0.00	0.00	0.00
100-5-10-5207 LEGAL SERVICES - CODE REVIEW	0.00	0.00	0.00	0.00	0.00
100-5-10-5210 LEGAL SERVICES	90,000.00	4,192.99	4,192.99	4.66	85,807.01
100-5-10-5211 LEGAL SERVICES - TPIA	7,500.00	241.50	241.50	3.22	7,258.50
100-5-10-5214 EMERGENCY NOTIFICATION SYS	1,500.00	1,364.25	1,364.25	90.95	135.75
100-5-10-5217 PAYROLL SERVICES	6,000.00	831.86	831.86	13.86	5,168.14
100-5-10-5226 DRUG TESTING	100.00	0.00	0.00	0.00	100.00
100-5-10-5227 BILINGUAL ASSESSMENT	200.00	0.00	0.00	0.00	200.00
100-5-10-5230 AUDIT	20,000.00	0.00	0.00	0.00	20,000.00
100-5-10-5231 HEALTH FEE / TRAVIS COUNTY	1,500.00	0.00	0.00	0.00	1,500.00
100-5-10-5236 COMMUNICATIONS & OUTREACH	5,000.00	6,418.31	6,418.31	128.37 (	1,418.31)
100-5-10-5237 TAX ASSESSMENT / COLLECTION	2,500.00	0.00	0.00	0.00	2,500.00
100-5-10-5240 INSURANCE - PROP & GEN LIAB	14,000.00	0.00	13,937.80	99.56	62.20
100-5-10-5250 INSURANCE - OFFICIAL LIABILITY	5,300.00	0.00	5,195.96	98.04	104.04

CITY OF ROLLINGWOOD  
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DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
100-5-10-5258 ACL EVENT	10,500.00	0.00	0.00	0.00	10,500.00
100-5-10-5260 APPRAISAL DISTRICT - T/C	10,000.00	0.00	0.00	0.00	10,000.00
100-5-10-5270 ENGINEERING SERVICES	25,000.00	0.00	0.00	0.00	25,000.00
TOTAL CONTRACTUAL SERVICES	199,100.00	13,048.91	32,182.67	16.16	166,917.33
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-10-5300 COMPUTER SOFTWARE & SUPP	50,000.00	5,453.01	9,711.15	19.42	40,288.85
100-5-10-5301 PUBLIC MEETINGS TECHNOLOGY	14,000.00	459.80	459.80	3.28	13,540.20
100-5-10-5302 WEBSITE AND DIGITAL CODIFICATI	14,000.00	1,140.00	1,140.00	8.14	12,860.00
100-5-10-5303 PUBLIC INFORMATION REQUESTS	0.00	0.00	0.00	0.00	0.00
100-5-10-5309 INCODE SOFTWARE	5,000.00	0.00	0.00	0.00	5,000.00
100-5-10-5311 IT SERVICES TPIA	2,000.00	0.00	0.00	0.00	2,000.00
100-5-10-5325 ELECTION SERVICES	2,000.00	0.00	0.00	0.00	2,000.00
100-5-10-5330 ELECTION PUBLIC NOTICES	2,000.00	0.00	0.00	0.00	2,000.00
100-5-10-5331 ADVERTISING	2,000.00	1,471.75	1,471.75	73.59	528.25
100-5-10-5332 COMPREHENSIVE LR PLAN	0.00	0.00	0.00	0.00	0.00
100-5-10-5340 MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00
100-5-10-5341 ZILKER CLUBHOUSE	1,350.00	0.00	0.00	0.00	1,350.00
100-5-10-5342 OAK WILT TREATMENT & PREVENTIO	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS OTHER EXP	92,350.00	8,524.56	12,782.70	13.84	79,567.30
<b>CAPITAL OUTLAY</b>					
100-5-10-5400 TRANSFER TO DRAINAGE FUND	0.00	0.00	0.00	0.00	0.00
100-5-10-5413 FURNITURE	1,000.00	0.00	0.00	0.00	1,000.00
100-5-10-5414 COMPUTERS	2,000.00	0.00	0.00	0.00	2,000.00
TOTAL CAPITAL OUTLAY	3,000.00	0.00	0.00	0.00	3,000.00
<b>OTHER NON-DEPARTMENTAL</b>					
100-5-10-5525 4B SALES TAX ALLOCATION	150,000.00	17,811.24	17,811.24	11.87	132,188.76
TOTAL OTHER NON-DEPARTMENTAL	150,000.00	17,811.24	17,811.24	11.87	132,188.76
<b>TOTAL ADMINISTRATION</b>	664,939.00	48,266.68	84,168.85	12.66	580,770.15
<b>DEVELOPMENT SERVICES</b>					
<b>PERSONNEL</b>					
100-5-15-5000 SALARY	82,668.00	2,849.47	8,499.81	10.28	74,168.19
100-5-15-5002 HOLIDAY COMPENSATION	0.00	0.00	0.00	0.00	0.00
100-5-15-5007 STIPENDS/CERTIFICATIONS	1,647.00	0.00	0.00	0.00	1,647.00
100-5-15-5009 RETIREMENT PAYOUT RESERVE	0.00	0.00	0.00	0.00	0.00
100-5-15-5010 TRAINING	2,000.00	0.00	0.00	0.00	2,000.00
100-5-15-5020 HEALTH INSURANCE	9,600.00	397.96	1,193.88	12.44	8,406.12
100-5-15-5030 WORKERS COMP INSURANCE	950.00	0.00	922.40	97.09	27.60
100-5-15-5035 SOCIAL SECURITY/MEDICARE	6,450.00	217.98	650.23	10.08	5,799.77
100-5-15-5040 UNEMPLOYMENT COMP INSUR	90.00	0.00	0.00	0.00	90.00
100-5-15-5050 TX MUNICIPAL RETIREMENT SYS	10,961.00	351.62	1,048.87	9.57	9,912.13
100-5-15-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	114,366.00	3,817.03	12,315.19	10.77	102,050.81

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-15-5101 FAX / COPIER	100.00	0.00	0.00	0.00	100.00
100-5-15-5103 PRINTING & REPRODUCTION	2,400.00	0.00	551.12	22.96	1,848.88
100-5-15-5110 POSTAGE	2,100.00	0.00	0.00	0.00	2,100.00
100-5-15-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
100-5-15-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
100-5-15-5120 SUBSCRIPTIONS & MEMBERSHIPS	500.00	0.00	0.00	0.00	500.00
100-5-15-5125 TRAVEL	1,000.00	0.00	0.00	0.00	1,000.00
100-5-15-5140 TELEPHONE	1,000.00	27.33	54.66	5.47	945.34
100-5-15-5153 CREDIT CARD SERVICES	0.00	1,490.30	2,233.85	0.00	( 2,233.85)
100-5-15-5157 RECORDS MANAGEMENT	0.00	0.00	0.00	0.00	0.00
100-5-15-5158 OFFICE SUPPLIES	200.00	0.00	0.00	0.00	200.00
100-5-15-5161 TREE SERVICES	0.00	0.00	0.00	0.00	0.00
100-5-15-5180 SIGNS AND BARRICADES	600.00	0.00	0.00	0.00	600.00
100-5-15-5198 OFFICE SUPPLIES	0.00	0.00	0.00	0.00	0.00
TOTAL SUPPLIES & OPERATION EXP	7,900.00	1,517.63	2,839.63	35.94	5,060.37
<b>CONTRACTUAL SERVICES</b>					
100-5-15-5200 BUILDING INSPECTION SERVICE	35,000.00	0.00	0.00	0.00	35,000.00
100-5-15-5201 TECH AND GIS SERVICES	0.00	0.00	0.00	0.00	0.00
100-5-15-5202 PUBLISH / NOTICE SERVICES	0.00	0.00	0.00	0.00	0.00
100-5-15-5210 LEGAL SERVICES	8,000.00	0.00	0.00	0.00	8,000.00
100-5-15-5251 BUILDING PLAN REVIEWS	10,000.00	932.50	932.50	9.33	9,067.50
100-5-15-5252 ZONING REVIEWS	50,000.00	0.00	0.00	0.00	50,000.00
100-5-15-5253 ARBORIST REVIEWS	1,500.00	0.00	0.00	0.00	1,500.00
100-5-15-5257 MY PERMIT NOW	3,600.00	198.00	198.00	5.50	3,402.00
100-5-15-5270 ENGINEERING SERVICES	15,000.00	0.00	0.00	0.00	15,000.00
100-5-15-5271 INTERIM DEVELOPMENT SERVICES	0.00	0.00	0.00	0.00	0.00
100-5-15-5272 PROFESSIONAL CONSULTATION	35,000.00	0.00	0.00	0.00	35,000.00
100-5-15-5273 ELEVATION AND HEIGHT VERIFICAT	20,000.00	1,000.00	1,000.00	5.00	19,000.00
100-5-15-5274 SURVEY BENCHMARK NETWORK M&O	25,000.00	0.00	0.00	0.00	25,000.00
TOTAL CONTRACTUAL SERVICES	203,100.00	2,130.50	2,130.50	1.05	200,969.50
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-15-5300 COMPUTER SOFTWARE & SUPPORT	2,000.00	11.00	22.00	1.10	1,978.00
100-5-15-5331 ADVERTISING	1,000.00	0.00	0.00	0.00	1,000.00
TOTAL MISCELLANEOUS OTHER EXP	3,000.00	11.00	22.00	0.73	2,978.00
TOTAL DEVELOPMENT SERVICES	328,366.00	7,476.16	17,307.32	5.27	311,058.68
<b>SANITATION</b>					
=====					
<b>CONTRACTUAL SERVICES</b>					
100-5-20-5270 ENGINEERING SERVICES	0.00	0.00	0.00	0.00	0.00
100-5-20-5286 SPRING CLEAN-UP	1,000.00	0.00	0.00	0.00	1,000.00
100-5-20-5287 STORM DEBRIS AND CLEAN-UP	7,500.00	0.00	0.00	0.00	7,500.00
100-5-20-5288 LANDSCAPE REMEDIATION	5,000.00	6,887.16	20,537.16	410.74	( 15,537.16)
TOTAL CONTRACTUAL SERVICES	13,500.00	6,887.16	20,537.16	152.13	( 7,037.16)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-20-5370 WASTE & DISPOSAL SERVICE	144,000.00	12,253.91	12,253.91	8.51	131,746.09
TOTAL MISCELLANEOUS OTHER EXP	144,000.00	12,253.91	12,253.91	8.51	131,746.09
<b>TOTAL SANITATION</b>					
	157,500.00	19,141.07	32,791.07	20.82	124,708.93
<b>UTILITY BILLING</b>					
<b>PERSONNEL</b>					
100-5-25-5000 SALARY	72,400.00	2,426.07	7,229.06	9.98	65,170.94
100-5-25-5002 HOLIDAY COMPENSATION	0.00	0.00	0.00	0.00	0.00
100-5-25-5007 STIPENDS/CERTIFICATIONS	600.00	0.00	0.00	0.00	600.00
100-5-25-5009 RETIREMENT PAYOUT RESERVE	0.00	0.00	0.00	0.00	0.00
100-5-25-5010 TRAINING	1,500.00	0.00	0.00	0.00	1,500.00
100-5-25-5020 HEALTH INSURANCE	10,100.00	418.91	1,256.73	12.44	8,843.27
100-5-25-5030 WORKERS COMP INSURANCE	950.00	0.00	922.40	97.09	27.60
100-5-25-5035 SOCIAL SECURITY/MEDICARE	5,585.00	185.59	553.01	9.90	5,031.99
100-5-25-5040 UNEMPLOYMENT COMP INSUR	90.00	0.00	0.00	0.00	90.00
100-5-25-5050 TX MUNICIPAL RETIREMENT SYS	9,490.00	299.38	892.07	9.40	8,597.93
100-5-25-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	100,715.00	3,329.95	10,853.27	10.78	89,861.73
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-25-5101 FAX / COPIER	100.00	0.00	0.00	0.00	100.00
100-5-25-5103 PRINTING & REPRODUCTION	3,500.00	621.35	621.35	17.75	2,878.65
100-5-25-5110 POSTAGE	5,500.00	647.69	647.69	11.78	4,852.31
100-5-25-5120 SUBSCRIPTIONS & MEMBERSHIPS	250.00	0.00	0.00	0.00	250.00
100-5-25-5125 TRAVEL	500.00	0.00	0.00	0.00	500.00
100-5-25-5140 TELEPHONE	500.00	56.73	77.23	15.45	422.77
100-5-25-5158 OFFICE SUPPLIES	400.00	21.64	21.64	5.41	378.36
TOTAL SUPPLIES & OPERATION EXP	10,750.00	1,347.41	1,367.91	12.72	9,382.09
<b>CONTRACTUAL SERVICES</b>					
100-5-25-5202 T TECH FEES	0.00	0.00	0.00	0.00	0.00
100-5-25-5210 LEGAL SERVICES	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00	0.00	0.00
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-25-5300 COMPUTER SOFTWARE/SUPPORT	12,000.00	353.50	436.00	3.63	11,564.00
100-5-25-5331 ADVERTISING	250.00	0.00	0.00	0.00	250.00
TOTAL MISCELLANEOUS OTHER EXP	12,250.00	353.50	436.00	3.56	11,814.00
<b>TOTAL UTILITY BILLING</b>					
	123,715.00	5,030.86	12,657.18	10.23	111,057.82

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>STREETS</b>					
<b>PERSONNEL</b>					
100-5-30-5000 SALARY	58,963.00	1,660.40	4,900.16	8.31	54,062.84
100-5-30-5002 HOLIDAY COMPENSATION	0.00	0.00	0.00	0.00	0.00
100-5-30-5006 OVERTIME/PLANNED OVERTIME	180.00	0.00	0.00	0.00	180.00
100-5-30-5007 STIPENDS/CERTIFICATIONS	3,487.00	0.00	0.00	0.00	3,487.00
100-5-30-5009 RETIREMENT PAYOUT RESERVE	0.00	0.00	0.00	0.00	0.00
100-5-30-5010 TRAINING	2,000.00	0.00	0.00	0.00	2,000.00
100-5-30-5020 HEALTH INSURANCE	6,100.00	139.06	412.46	6.76	5,687.54
100-5-30-5030 WORKERS COMP INSURANCE	1,400.00	0.00	1,359.33	97.10	40.67
100-5-30-5035 SOCIAL SECURITY/MEDICARE	4,791.00	127.02	374.86	7.82	4,416.14
100-5-30-5040 UNEMPLOYMENT COMP INSUR	70.00	0.00	0.00	0.00	70.00
100-5-30-5050 TX MUNICIPAL RETIREMENT SYS	8,142.00	237.49	701.67	8.62	7,440.33
100-5-30-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	85,133.00	2,163.97	7,748.48	9.10	77,384.52
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-30-5101 FAX / COPIER	0.00	0.00	0.00	0.00	0.00
100-5-30-5103 PRINTING & REPRODUCTION	0.00	0.00	0.00	0.00	0.00
100-5-30-5110 POSTAGE	0.00	0.00	0.00	0.00	0.00
100-5-30-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
100-5-30-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
100-5-30-5120 SUBSCRIPTIONS & MEMBERSHIPS	0.00	0.00	0.00	0.00	0.00
100-5-30-5125 TRAVEL	1,500.00	0.00	0.00	0.00	1,500.00
100-5-30-5130 UTILITIES	2,400.00	189.11	189.11	7.88	2,210.89
100-5-30-5140 TELEPHONE	300.00	37.83	51.50	17.17	248.50
100-5-30-5145 UNIFORMS & ACCESSORIES	1,000.00	617.35	617.35	61.74	382.65
100-5-30-5157 RECORDS MANAGEMENT	0.00	0.00	0.00	0.00	0.00
100-5-30-5158 OFFICE SUPPLIES	0.00	0.00	0.00	0.00	0.00
100-5-30-5161 TREE TRIMMING SERVICE	25,000.00	0.00	0.00	0.00	25,000.00
100-5-30-5162 STREET SWEEPING	10,000.00	0.00	0.00	0.00	10,000.00
100-5-30-5164 EQUIPMENT MAINTENANCE & REPAIR	2,500.00	0.00	0.00	0.00	2,500.00
100-5-30-5171 EQUIPMENT PURCHASE	4,000.00	0.00	0.00	0.00	4,000.00
100-5-30-5172 SAFETY EQUIPMENT	375.00	0.00	0.00	0.00	375.00
100-5-30-5180 SIGNS & BARRICADES	2,500.00	0.00	0.00	0.00	2,500.00
100-5-30-5181 EQUIPMENT RENTAL	4,000.00	0.00	0.00	0.00	4,000.00
100-5-30-5190 MATERIALS	2,500.00	1,225.84	1,225.84	49.03	1,274.16
100-5-30-5195 VEHICLE OPERATIONS	2,000.00	141.93	141.93	7.10	1,858.07
100-5-30-5196 VEHICLE MAINT & REPAIRS	1,000.00	0.00	0.00	0.00	1,000.00
TOTAL SUPPLIES & OPERATION EXP	59,075.00	2,212.06	2,225.73	3.77	56,849.27
<b>CONTRACTUAL SERVICES</b>					
100-5-30-5255 VEHICLE INSURANCE	270.00	0.00	231.96	85.91	38.04
100-5-30-5270 ENGINEERING	3,000.00	0.00	0.00	0.00	3,000.00
100-5-30-5276 PAYING AGENT FEES	200.00	0.00	0.00	0.00	200.00
TOTAL CONTRACTUAL SERVICES	3,470.00	0.00	231.96	6.68	3,238.04

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-30-5350 TOOLS	4,000.00	0.00	0.00	0.00	4,000.00
100-5-30-5355 STREET MAINT & REPAIRS	150,000.00	0.00	0.00	0.00	150,000.00
TOTAL MISCELLANEOUS OTHER EXP	154,000.00	0.00	0.00	0.00	154,000.00
<b>CAPITAL OUTLAY</b>					
100-5-30-5414 COMPUTERS	500.00	0.00	0.00	0.00	500.00
100-5-30-5494 VEH FIN NOTE - DEBT SERVICE	785.00	0.00	0.00	0.00	785.00
100-5-30-5495 NEW VEHICLE & OUTFITTING	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	1,285.00	0.00	0.00	0.00	1,285.00
<b>TOTAL STREETS</b>	<b>302,963.00</b>	<b>4,376.03</b>	<b>10,206.17</b>	<b>3.37</b>	<b>292,756.83</b>
<b>POLICE</b>					
<b>PERSONNEL</b>					
100-5-40-5000 SALARY	850,897.00	25,941.31	82,979.72	9.75	767,917.28
100-5-40-5002 HOLIDAY COMPENSATION	33,000.00	1,608.60	3,135.00	9.50	29,865.00
100-5-40-5006 OVERTIME	10,000.00	512.92	970.60	9.71	9,029.40
100-5-40-5007 STIPEND	20,000.00	1,142.32	2,234.64	11.17	17,765.36
100-5-40-5009 RETIREMENT PAYOUT RESERVE	15,000.00	0.00	0.00	0.00	15,000.00
100-5-40-5010 TRAINING	10,000.00	2,818.22	2,818.22	28.18	7,181.78
100-5-40-5011 RESERVE OFFICER PAY	2,500.00	0.00	0.00	0.00	2,500.00
100-5-40-5012 LEOSE TRAINING	1,000.00	0.00	0.00	0.00	1,000.00
100-5-40-5020 HEALTH INSURANCE	103,000.00	3,948.27	12,199.21	11.84	90,800.79
100-5-40-5030 WORKERS COMP INSURANCE	23,500.00	0.00	22,817.24	97.09	682.76
100-5-40-5035 SOCIAL SECURITY/MEDICARE	69,913.00	2,167.03	7,665.59	10.96	62,247.41
100-5-40-5040 UNEMPLOYMENT COMP INSUR	950.00	0.00	0.00	0.00	950.00
100-5-40-5050 TX MUNICIPAL RETIREMENT SYS	118,807.00	3,647.15	12,820.55	10.79	105,986.45
100-5-40-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
100-5-40-5070 POLICE PROFESSIONAL LIABILITY	8,900.00	0.00	8,716.12	97.93	183.88
TOTAL PERSONNEL	1,267,467.00	41,785.82	156,356.89	12.34	1,111,110.11
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-40-5101 FAX / COPIER	600.00	0.00	0.00	0.00	600.00
100-5-40-5103 PRINTING & REPRODUCTION	1,000.00	0.00	0.00	0.00	1,000.00
100-5-40-5105 TICKET WRITERS	0.00	0.00	0.00	0.00	0.00
100-5-40-5106 CITATION MATERIAL	27,500.00	0.00	0.00	0.00	27,500.00
100-5-40-5107 POLICE QUALIFICATIONS	3,000.00	0.00	0.00	0.00	3,000.00
100-5-40-5108 PROPERTY & EVIDENCE	500.00	0.00	0.00	0.00	500.00
100-5-40-5109 BICYCLE MAINTENANCE	250.00	0.00	0.00	0.00	250.00
100-5-40-5110 POSTAGE	500.00	0.00	0.00	0.00	500.00
100-5-40-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
100-5-40-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
100-5-40-5120 SUBSCRIPTIONS & MEMBERSHIPS	1,000.00	0.00	0.00	0.00	1,000.00
100-5-40-5125 TRAVEL	0.00	0.00	0.00	0.00	0.00
100-5-40-5130 LEOSE FUNDS	0.00	0.00	0.00	0.00	0.00

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>100-5-40-5140 TELEPHONE</b>	9,000.00	1,007.34	1,225.99	13.62	7,774.01
100-5-40-5143 POLICE CAR & ACCESSORIES	4,000.00	0.00	0.00	0.00	4,000.00
100-5-40-5144 POLICE SUPPLIES	3,000.00	0.00	0.00	0.00	3,000.00
100-5-40-5145 UNIFORMS & ACCESSORIES	6,500.00	85.00	85.00	1.31	6,415.00
100-5-40-5157 RECORDS MANAGEMENT	6,000.00	0.00	0.00	0.00	6,000.00
100-5-40-5158 OFFICE SUPPLIES	1,500.00	100.20	148.31	9.89	1,351.69
100-5-40-5159 CITY EVENT SUPPLIES	3,500.00	226.84	226.84	6.48	3,273.16
100-5-40-5185 COMMUNICATION EQUIP MAINT	1,000.00	0.00	0.00	0.00	1,000.00
100-5-40-5186 RADAR CERTIFICATION	250.00	0.00	0.00	0.00	250.00
100-5-40-5195 VEHICLE OPERATION	20,000.00	1,251.00	1,251.00	6.26	18,749.00
100-5-40-5196 VEHICLE MAINT & REPAIRS	5,000.00	472.25	472.25	9.45	4,527.75
<b>TOTAL SUPPLIES &amp; OPERATION EXP</b>	<b>94,100.00</b>	<b>3,142.63</b>	<b>3,409.39</b>	<b>3.62</b>	<b>90,690.61</b>
<b>CONTRACTUAL SERVICES</b>					
100-5-40-5211 RADIO SERVICES	5,500.00	0.00	0.00	0.00	5,500.00
100-5-40-5216 DISPATCH SERVICES	34,476.00	0.00	0.00	0.00	34,476.00
100-5-40-5226 DRUG TESTING	200.00	35.00	35.00	17.50	165.00
100-5-40-5238 APPLICANT TESTING	1,000.00	350.00	350.00	35.00	650.00
100-5-40-5239 LABORATORY SERVICES	1,000.00	0.00	0.00	0.00	1,000.00
100-5-40-5255 VEHICLE INSURANCE	5,600.00	0.00	4,899.28	87.49	700.72
100-5-40-5258 ACL EVENT	40,000.00	490.00	35,639.37	89.10	4,360.63
<b>TOTAL CONTRACTUAL SERVICES</b>	<b>87,776.00</b>	<b>875.00</b>	<b>40,923.65</b>	<b>46.62</b>	<b>46,852.35</b>
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-40-5300 COMPUTER SOFTWARE & SUPPORT	63,000.00	3,611.49	7,147.98	11.35	55,852.02
100-5-40-5340 MISCELLANEOUS	0.00	(2,313.00)	(2,313.00)	0.00	2,313.00
<b>TOTAL MISCELLANEOUS OTHER EXP</b>	<b>63,000.00</b>	<b>1,298.49</b>	<b>4,834.98</b>	<b>7.67</b>	<b>58,165.02</b>
<b>CAPITAL OUTLAY</b>					
100-5-40-5404 PD RADIOS	37,000.00	0.00	0.00	0.00	37,000.00
100-5-40-5411 VIDEO CAMERAS & MICROPHONES	16,700.00	15,540.00	15,540.00	93.05	1,160.00
100-5-40-5414 COMPUTERS	5,000.00	0.00	0.00	0.00	5,000.00
100-5-40-5461 TRANSFER TO WATER FUND	0.00	0.00	0.00	0.00	0.00
100-5-40-5494 VEHICLE FINANCING NOTE DEBT SV	34,002.00	0.00	0.00	0.00	34,002.00
100-5-40-5495 NEW VEHICLE & OUTFITTING	0.00	0.00	0.00	0.00	0.00
<b>TOTAL CAPITAL OUTLAY</b>	<b>92,702.00</b>	<b>15,540.00</b>	<b>15,540.00</b>	<b>16.76</b>	<b>77,162.00</b>
<b>TOTAL POLICE</b>	<b>1,605,045.00</b>	<b>62,641.94</b>	<b>221,064.91</b>	<b>13.77</b>	<b>1,383,980.09</b>
<b>COURT</b>					
<b>PERSONNEL</b>					
100-5-50-5000 SALARY	41,262.00	1,596.01	4,072.43	9.87	37,189.57
100-5-50-5002 HOLIDAY COMPENSATION	0.00	0.00	0.00	0.00	0.00
100-5-50-5006 OVERTIME/PLANNED OVERTIME	0.00	0.00	0.00	0.00	0.00
100-5-50-5007 STIPENDS/CERTIFICATIONS	627.00	0.00	0.00	0.00	627.00
100-5-50-5009 RETIREMENT PAYOUT RESERVE	0.00	0.00	0.00	0.00	0.00
100-5-50-5010 TRAINING	1,000.00	0.00	0.00	0.00	1,000.00

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
100-5-50-5020 HEALTH INSURANCE	1,100.00	41.89	( 186.23)	16.93-	1,286.23
100-5-50-5030 WORKERS COMP INSURANCE	700.00	0.00	679.66	97.09	20.34
100-5-50-5035 SOCIAL SECURITY/MEDICARE	3,205.00	122.09	311.53	9.72	2,893.47
100-5-50-5040 UNEMPLOYMENT COMP INSUR	200.00	0.00	0.00	0.00	200.00
100-5-50-5050 TX MUNICIPAL RETIREMENT SYS	5,446.00	196.94	502.54	9.23	4,943.46
100-5-50-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	53,540.00	1,956.93	5,379.93	10.05	48,160.07
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-50-5101 FAX / COPIER	0.00	0.00	0.00	0.00	0.00
100-5-50-5103 PRINTING & REPRODUCTION	1,000.00	95.60	95.60	9.56	904.40
100-5-50-5110 POSTAGE	250.00	99.63	99.63	39.85	150.37
100-5-50-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
100-5-50-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
100-5-50-5120 SUBSCRIPTIONS & MEMBERSHIPS	100.00	0.00	0.00	0.00	100.00
100-5-50-5125 TRAVEL	50.00	0.00	0.00	0.00	50.00
100-5-50-5140 TELEPHONE	1,500.00	113.47	154.47	10.30	1,345.53
100-5-50-5157 RECORDS MANAGEMENT	0.00	0.00	0.00	0.00	0.00
100-5-50-5158 OFFICE SUPPLIES	750.00	157.71	157.71	21.03	592.29
TOTAL SUPPLIES & OPERATION EXP	3,650.00	466.41	507.41	13.90	3,142.59
<b>CONTRACTUAL SERVICES</b>					
100-5-50-5201 COLLECTION AGENCY FEES	1,000.00	0.00	0.00	0.00	1,000.00
100-5-50-5206 COURT CREDIT CARD FEES	5,000.00	1,479.70	1,927.71	38.55	3,072.29
100-5-50-5210 LEGAL SERVICES	10,000.00	348.50	348.50	3.49	9,651.50
100-5-50-5212 PRESIDING JUDGE EXPENSE	18,000.00	750.00	1,500.00	8.33	16,500.00
100-5-50-5213 INTERPRETER FEES	900.00	0.00	0.00	0.00	900.00
TOTAL CONTRACTUAL SERVICES	34,900.00	2,578.20	3,776.21	10.82	31,123.79
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-50-5300 COMPUTER SOFTWARE & SUPPORT	0.00	129.40	258.80	0.00	( 258.80)
TOTAL MISCELLANEOUS OTHER EXP	0.00	129.40	258.80	0.00	( 258.80)
<b>TOTAL COURT</b>	<b>92,090.00</b>	<b>5,130.94</b>	<b>9,922.35</b>	<b>10.77</b>	<b>82,167.65</b>
<b>PARK DEPARTMENT</b>					
<b>PERSONNEL</b>					
100-5-55-5000 SALARY	38,252.00	1,112.94	3,278.25	8.57	34,973.75
100-5-55-5002 HOLIDAY COMPENSATION	0.00	0.00	0.00	0.00	0.00
100-5-55-5006 OVERTIME/PLANNED OVERTIME	0.00	0.00	0.00	0.00	0.00
100-5-55-5007 STIPENDS/CERTIFICATIONS	1,180.00	0.00	0.00	0.00	1,180.00
100-5-55-5009 RETIREMENT PAYOUT RESERVE	0.00	0.00	0.00	0.00	0.00
100-5-55-5010 TRAINING	3,000.00	0.00	0.00	0.00	3,000.00
100-5-55-5020 HEALTH INSURANCE	3,100.00	90.83	267.77	8.64	2,832.23
100-5-55-5030 WORKERS COMP INSURANCE	1,000.00	0.00	970.95	97.10	29.05
100-5-55-5035 SOCIAL SECURITY/MEDICARE	3,017.00	85.14	250.79	8.31	2,766.21
100-5-55-5040 UNEMPLOYMENT COMP INSUR	45.00	0.00	0.00	0.00	45.00



CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

## 100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
100-5-55-5050 TX MUNICIPAL RETIREMENT SYS	5,126.00	137.34	404.54	7.89	4,721.46
100-5-55-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	54,720.00	1,426.25	5,172.30	9.45	49,547.70
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-55-5101 FAX / COPIER	0.00	0.00	0.00	0.00	0.00
100-5-55-5103 PRINTING & REPRODUCTION	250.00	0.00	0.00	0.00	250.00
100-5-55-5110 POSTAGE	0.00	0.00	0.00	0.00	0.00
100-5-55-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
100-5-55-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
100-5-55-5120 SUBSCRIPTIONS & MEMBERSHIPS	0.00	0.00	0.00	0.00	0.00
100-5-55-5125 TRAVEL	0.00	0.00	0.00	0.00	0.00
100-5-55-5130 UTILITIES	12,000.00	227.77	227.77	1.90	11,772.23
100-5-55-5140 TELEPHONE	0.00	0.00	0.00	0.00	0.00
100-5-55-5145 UNIFORMS & ACCESSORIES	1,000.00	0.00	0.00	0.00	1,000.00
100-5-55-5157 RECORDS MANAGEMENT	0.00	0.00	0.00	0.00	0.00
100-5-55-5158 OFFICE SUPPLIES	250.00	28.99	28.99	11.60	221.01
100-5-55-5159 CITY EVENT SUPPLIES	500.00	16.22	16.22	3.24	483.78
100-5-55-5164 EQUIPMENT MAINT & REPAIRS	1,500.00	0.00	0.00	0.00	1,500.00
100-5-55-5171 EQUIPMENT	3,500.00	0.00	0.00	0.00	3,500.00
100-5-55-5172 SAFETY EQUIPMENT	375.00	0.00	0.00	0.00	375.00
100-5-55-5190 MATERIALS	10,500.00	272.81	289.11	2.75	10,210.89
100-5-55-5191 MAINTENANCE	6,000.00	0.00	0.00	0.00	6,000.00
100-5-55-5195 VEHICLE OPERATIONS	3,000.00	141.93	141.93	4.73	2,858.07
100-5-55-5196 VEHICLE MAINT & REPAIRS	1,000.00	32.46	507.46	50.75	492.54
100-5-55-5198 FIELDHOUSE SUP & MAINT-JANITOR	9,000.00	420.00	840.00	9.33	8,160.00
TOTAL SUPPLIES & OPERATION EXP	48,875.00	1,140.18	2,051.48	4.20	46,823.52
<b>CONTRACTUAL SERVICES</b>					
100-5-55-5255 VEHICLE INSURANCE	600.00	0.00	427.22	71.20	172.78
TOTAL CONTRACTUAL SERVICES	600.00	0.00	427.22	71.20	172.78
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-55-5300 COMPUTER SOFTWARE & SUPPORT	500.00	2.75	5.50	1.10	494.50
100-5-55-5350 TOOLS/EQUIPMENT & REPAIR	1,000.00	285.57	285.57	28.56	714.43
TOTAL MISCELLANEOUS OTHER EXP	1,500.00	288.32	291.07	19.40	1,208.93
<b>CAPITAL OUTLAY</b>					
100-5-55-5414 COMPUTERS	500.00	0.00	0.00	0.00	500.00
100-5-55-5455 IMPROV TO EXISTING PARK ASSETS	1,000.00	2,080.69	2,080.69	208.07	( 1,080.69)
100-5-55-5456 PLANTS FOR PARK AND ENTRANCES	2,000.00	0.00	0.00	0.00	2,000.00
100-5-55-5494 VEH FIN NOTE - DEBT SERVICE	785.00	0.00	0.00	0.00	785.00
100-5-55-5495 NEW VEHICLE & OUTFITTING	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	4,285.00	2,080.69	2,080.69	48.56	2,204.31
<b>OTHER NON-DEPARTMENTAL</b>					
100-5-55-5512 PLAYGROUND MULCH & MAINT	8,500.00	0.00	0.00	0.00	8,500.00
100-5-55-5515 MAINTENANCE BUILDING	0.00	0.00	0.00	0.00	0.00
TOTAL OTHER NON-DEPARTMENTAL	8,500.00	0.00	0.00	0.00	8,500.00
<b>TOTAL PARK DEPARTMENT</b>	<b>118,480.00</b>	<b>4,935.44</b>	<b>10,022.76</b>	<b>8.46</b>	<b>108,457.24</b>

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

100-GENERAL FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>PUBLIC WORKS</b>					
<b>SUPPLIES &amp; OPERATION EXP</b>					
100-5-65-5101 FAX / COPIER	0.00	0.00	0.00	0.00	0.00
100-5-65-5103 PRINTING & REPRODUCTION	0.00	0.00	0.00	0.00	0.00
100-5-65-5110 POSTAGE	0.00	0.00	0.00	0.00	0.00
100-5-65-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
100-5-65-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
100-5-65-5120 SUBSCRIPTIONS & MEMBERSHIPS	0.00	0.00	0.00	0.00	0.00
100-5-65-5125 TRAVEL	0.00	0.00	0.00	0.00	0.00
100-5-65-5130 UTILITIES	7,000.00	2,560.42	2,560.42	36.58	4,439.58
100-5-65-5140 TELEPHONE	300.00	22.69	30.89	10.30	269.11
100-5-65-5157 RECORDS MANAGEMENT	0.00	0.00	0.00	0.00	0.00
100-5-65-5158 OFFICE SUPPLIES	1,000.00	0.00	0.00	0.00	1,000.00
100-5-65-5171 Equipment Purchase	0.00	0.00	0.00	0.00	0.00
100-5-65-5180 SIGNS AND BARRICADES	0.00	3,159.20	3,159.20	0.00	( 3,159.20)
100-5-65-5191 MAINTENANCE	0.00	6.09	6.09	0.00	( 6.09)
<b>TOTAL SUPPLIES &amp; OPERATION EXP</b>	<b>8,300.00</b>	<b>5,748.40</b>	<b>5,756.60</b>	<b>69.36</b>	<b>2,543.40</b>
<b>CONTRACTUAL SERVICES</b>					
100-5-65-5258 ACL EVENT	10,500.00	0.00	0.00	0.00	10,500.00
<b>TOTAL CONTRACTUAL SERVICES</b>	<b>10,500.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10,500.00</b>
<b>MISCELLANEOUS OTHER EXP</b>					
100-5-65-5355 STREET MAINTENANCE & REPAIRS	40,000.00	0.00	0.00	0.00	40,000.00
100-5-65-5381 ANIMAL CONTROL/DISPOSAL	250.00	0.00	0.00	0.00	250.00
<b>TOTAL MISCELLANEOUS OTHER EXP</b>	<b>40,250.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>40,250.00</b>
<b>CAPITAL OUTLAY</b>					
100-5-65-5495 NEW VEHICLE & OUTFITTING	0.00	0.00	0.00	0.00	0.00
<b>TOTAL CAPITAL OUTLAY</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>OTHER NON-DEPARTMENTAL</b>					
100-5-65-5515 MAINTENANCE BUILDING	7,500.00	337.97	465.74	6.21	7,034.26
<b>TOTAL OTHER NON-DEPARTMENTAL</b>	<b>7,500.00</b>	<b>337.97</b>	<b>465.74</b>	<b>6.21</b>	<b>7,034.26</b>
<b>TOTAL PUBLIC WORKS</b>	<b>66,550.00</b>	<b>6,086.37</b>	<b>6,222.34</b>	<b>9.35</b>	<b>60,327.66</b>
<b>TOTAL EXPENDITURES</b>	<b>3,459,648.00</b>	<b>163,085.49</b>	<b>404,362.95</b>	<b>11.69</b>	<b>3,055,285.05</b>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	<b>( 101,665.00)</b>	<b>( 27,374.22)</b>	<b>( 101,707.87)</b>		<b>42.87</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

200-WATER FUND  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-DEPARTMENTAL	<u>1,505,250.00</u>	<u>97,002.86</u>	<u>269,400.47</u>	<u>17.90</u>	<u>1,235,849.53</u>
TOTAL REVENUES	<u>1,505,250.00</u>	<u>97,002.86</u>	<u>269,400.47</u>	<u>17.90</u>	<u>1,235,849.53</u>
<u>EXPENDITURE SUMMARY</u>					
NON-DEPARTMENTAL	<u>1,569,344.00</u>	<u>75,188.57</u>	<u>102,539.88</u>	<u>6.53</u>	<u>1,466,804.12</u>
TOTAL EXPENDITURES	<u>1,569,344.00</u>	<u>75,188.57</u>	<u>102,539.88</u>	<u>6.53</u>	<u>1,466,804.12</u>
REVENUES OVER/ (UNDER) EXPENDITURES	( 64,094.00)	21,814.29	166,860.59		( 230,954.59)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

200-WATER FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>INVESTMENT INCOME</b>					
200-4-60-4400 INTEREST INCOME	1,000.00	281.39	570.11	57.01	429.89
200-4-60-4401 INTEREST INCOME-CHECKING	250.00	53.96	105.03	42.01	144.97
TOTAL INVESTMENT INCOME	1,250.00	335.35	675.14	54.01	574.86
<b>MISCELLANEOUS REVENUE</b>					
200-4-60-4540 MISCELLANEOUS RECEIPTS	0.00	0.00	0.00	0.00	0.00
200-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	0.00	0.00	0.00	0.00	0.00
<b>UTILITY REVENUE</b>					
200-4-60-4600 WATER SALES	1,500,000.00	96,655.51	268,124.42	17.87	1,231,875.58
200-4-60-4610 LATE CHARGES	3,000.00	0.00	564.91	18.83	2,435.09
200-4-60-4628 CONNECT FEE	1,000.00	0.00	0.00	0.00	1,000.00
200-4-60-4629 METER TESTING FEE	0.00	0.00	0.00	0.00	0.00
200-4-60-4640 OTHER SOURCES - BOND PREMIUM	0.00	0.00	0.00	0.00	0.00
200-4-60-4641 OTHER SOURCES - BOND ISSUANCE	0.00	0.00	0.00	0.00	0.00
TOTAL UTILITY REVENUE	1,504,000.00	96,655.51	268,689.33	17.86	1,235,310.67
<b>OTHER REVENUE</b>					
200-4-60-4700 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
200-4-60-4718 TRANSFER FROM SR2014 DEBT SERV	0.00	0.00	0.00	0.00	0.00
TOTAL OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
<b>TOTAL NON-DEPARTMENTAL</b>	<b>1,505,250.00</b>	<b>96,990.86</b>	<b>269,364.47</b>	<b>17.89</b>	<b>1,235,885.53</b>
<b>TOTAL REVENUES</b>	<b>1,505,250.00</b>	<b>96,990.86</b>	<b>269,364.47</b>	<b>17.89</b>	<b>1,235,885.53</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

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200-WATER FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>PERSONNEL</b>					
200-5-60-5000 SALARY	212,456.00	8,778.01	26,051.56	12.26	186,404.44
200-5-60-5002 HOLIDAY COMPENSATION	0.00	0.00	0.00	0.00	0.00
200-5-60-5006 OVERTIME/PLANNED OVERTIME	810.00	0.00	0.00	0.00	810.00
200-5-60-5007 STIPENDS/CERTIFICATIONS	15,521.00	0.00	0.00	0.00	15,521.00
200-5-60-5009 RETIREMENT PAYOUT RESERVE	0.00	0.00	0.00	0.00	0.00
200-5-60-5010 TRAINING	3,500.00	55.00	55.00	1.57	3,445.00
200-5-60-5020 HEALTH INSURANCE	25,000.00	691.92	2,066.31	8.27	22,933.69
200-5-60-5030 WORKERS COMP INSURANCE	4,600.00	0.00	4,466.34	97.09	133.66
200-5-60-5035 SOCIAL SECURITY/MEDICARE	17,502.00	671.52	1,992.94	11.39	15,509.06
200-5-60-5040 UNEMPLOYMENT COMP INSUR	250.00	0.00	0.00	0.00	250.00
200-5-60-5050 TX MUNICIPAL RETIREMENT SYS	29,742.00	1,083.20	3,214.75	10.81	26,527.25
200-5-60-5051 PENSION / OPEB	0.00	0.00	0.00	0.00	0.00
200-5-60-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
<b>TOTAL PERSONNEL</b>	<b>309,381.00</b>	<b>11,279.65</b>	<b>37,846.90</b>	<b>12.23</b>	<b>271,534.10</b>
<b>SUPPLIES &amp; OPERATION EXP</b>					
200-5-60-5101 FAX / COPIER	0.00	0.00	0.00	0.00	0.00
200-5-60-5103 PRINTING & REPRODUCTION	250.00	0.00	0.00	0.00	250.00
200-5-60-5105 TOOLS & SUPPLIES	0.00	0.00	0.00	0.00	0.00
200-5-60-5110 POSTAGE	400.00	0.00	0.00	0.00	400.00
200-5-60-5114 COVID-19	0.00	0.00	0.00	0.00	0.00
200-5-60-5115 STORM RELATED EXPENSES	0.00	0.00	0.00	0.00	0.00
200-5-60-5120 SUBSCRIPTIONS & MEMBERSHIPS	0.00	0.00	0.00	0.00	0.00
200-5-60-5125 TRAVEL	2,000.00	854.14	1,125.39	56.27	874.61
200-5-60-5140 TELEPHONE	500.00	37.82	51.48	10.30	448.52
200-5-60-5145 UNIFORMS & ACCESSORIES	1,000.00	0.00	0.00	0.00	1,000.00
200-5-60-5153 CREDIT CARD SERVICES	0.00	0.00	0.00	0.00	0.00
200-5-60-5157 RECORDS MANAGEMENT	0.00	0.00	0.00	0.00	0.00
200-5-60-5158 OFFICE SUPPLIES	500.00	0.00	0.00	0.00	500.00
200-5-60-5165 Water Meter Test Fee	0.00	200.00	300.00	0.00	300.00
200-5-60-5166 MAINTENANCE & REPAIRS	40,000.00	46.55	46.55	0.12	39,953.45
200-5-60-5167 ADMINISTRATIVE FEES	65,000.00	0.00	0.00	0.00	65,000.00
200-5-60-5168 TRANSFER TO UTILITY BILLING	61,000.00	0.00	0.00	0.00	61,000.00
200-5-60-5171 EQUIPMENT	3,900.00	0.00	0.00	0.00	3,900.00
200-5-60-5175 SAFETY EQUIPMENT	375.00	0.00	0.00	0.00	375.00
200-5-60-5181 EQUIPMENT RENTAL	1,500.00	0.00	0.00	0.00	1,500.00
200-5-60-5190 MATERIALS	2,000.00	0.00	0.00	0.00	2,000.00
200-5-60-5193 METER REPLACEMENT	50,000.00	0.00	550.00	1.10	50,550.00
200-5-60-5194 FIRE HYDRANT MAINT AND REPLACE	12,000.00	0.00	0.00	0.00	12,000.00
200-5-60-5195 VEHICLE OPERATIONS	4,000.00	141.93	141.93	3.55	3,858.07
200-5-60-5196 VEHICLE MAINT & REPAIRS	1,500.00	0.00	0.00	0.00	1,500.00
<b>TOTAL SUPPLIES &amp; OPERATION EXP</b>	<b>245,925.00</b>	<b>1,280.44</b>	<b>1,115.35</b>	<b>0.45</b>	<b>244,809.65</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

200-WATER FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>CONTRACTUAL SERVICES</b>					
200-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
200-5-60-5210 LEGAL SERVICES	1,000.00	0.00	0.00	0.00	1,000.00
200-5-60-5219 UTILITY BILLING/COLLECTION	0.00	0.00	0.00	0.00	0.00
200-5-60-5232 UTILITY BILLING/COLLECT ADDNL	0.00	0.00	0.00	0.00	0.00
200-5-60-5233 CROSSROADS CONTRACT	81,000.00	6,750.00	6,750.00	8.33	74,250.00
200-5-60-5234 CROSSROADS EMERG/M&O REPAIRS	80,000.00	8,071.78	8,071.78	10.09	71,928.22
200-5-60-5241 EASEMENT IDENT & MAPPING	0.00	0.00	0.00	0.00	0.00
200-5-60-5255 VEHICLE INSURANCE	1,100.00	0.00	945.03	85.91	154.97
200-5-60-5270 ENGINEERING SERVICES	25,000.00	0.00	0.00	0.00	25,000.00
200-5-60-5271 RATE CONSULTING SERVICES	4,000.00	0.00	0.00	0.00	4,000.00
200-5-60-5272 WATER CIP	0.00	0.00	0.00	0.00	0.00
200-5-60-5276 PAYING AGENT FEES	800.00	0.00	0.00	0.00	800.00
200-5-60-5280 WATER PURCHASED	800,000.00	47,802.58	47,802.58	5.98	752,197.42
200-5-60-5296 TCEQ	3,000.00	0.00	0.00	0.00	3,000.00
200-5-60-5299 BOND INTEREST-SERIES 2014	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	995,900.00	62,624.36	63,569.39	6.38	932,330.61
<b>MISCELLANEOUS OTHER EXP</b>					
200-5-60-5300 COMPUTER SOFTWARE & SUPPORT	750.00	4.12	8.24	1.10	741.76
200-5-60-5303 BOND ISSUANCE COST	0.00	0.00	0.00	0.00	0.00
200-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
200-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
200-5-60-5326 QUARTERLY GIS MAP UPDATE	10,000.00	0.00	0.00	0.00	10,000.00
200-5-60-5330 Water CIP Packages 1-4	0.00	0.00	0.00	0.00	0.00
200-5-60-5345 DEPRECIATION EXPENSE	0.00	0.00	0.00	0.00	0.00
200-5-60-5350 TOOLS	3,750.00	0.00	0.00	0.00	3,750.00
TOTAL MISCELLANEOUS OTHER EXP	14,500.00	4.12	8.24	0.06	14,491.76
<b>CAPITAL OUTLAY</b>					
200-5-60-5414 COMPUTERS	500.00	0.00	0.00	0.00	500.00
200-5-60-5494 VEH FIN NOTE - DEBT SERVICE	3,138.00	0.00	0.00	0.00	3,138.00
200-5-60-5495 NEW VEHICLE & OUTFITTING	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	3,638.00	0.00	0.00	0.00	3,638.00
<b>TOTAL NON-DEPARTMENTAL</b>	<b>1,569,344.00</b>	<b>75,188.57</b>	<b>102,539.88</b>	<b>6.53</b>	<b>1,466,804.12</b>
<b>TOTAL EXPENDITURES</b>	<b>1,569,344.00</b>	<b>75,188.57</b>	<b>102,539.88</b>	<b>6.53</b>	<b>1,466,804.12</b>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	<b>( 64,094.00)</b>	<b>21,802.29</b>	<b>166,824.59</b>		<b>( 230,918.59)</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

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301-STREET MAINTENANCE  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-DEPARTMENTAL	150,250.00	15,044.66	32,887.26	21.89	117,362.74
TOTAL REVENUES	150,250.00	15,044.66	32,887.26	21.89	117,362.74
<u>EXPENDITURE SUMMARY</u>					
NON-DEPARTMENTAL	300,595.00	0.00	0.00	0.00	300,595.00
TOTAL EXPENDITURES	300,595.00	0.00	0.00	0.00	300,595.00
REVENUES OVER/ (UNDER) EXPENDITURES	( 150,345.00)	15,044.66	32,887.26		( 183,232.26)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

301-STREET MAINTENANCE

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>TAXES</b>					
301-4-60-4039 STREET SALES TAX	150,000.00	15,015.57	32,826.81	21.88	117,173.19
TOTAL TAXES	150,000.00	15,015.57	32,826.81	21.88	117,173.19
<b>INVESTMENT INCOME</b>					
301-4-60-4400 INTEREST INCOME	250.00	29.09	60.45	24.18	189.55
TOTAL INVESTMENT INCOME	250.00	29.09	60.45	24.18	189.55
<b>MISCELLANEOUS REVENUE</b>					
301-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	0.00	0.00	0.00	0.00	0.00
<b>OTHER REVENUE</b>					
301-4-60-4700 UNEXPENDED BALANCE TRANSFER	0.00	0.00	0.00	0.00	0.00
TOTAL OTHER REVENUE	0.00	0.00	0.00	0.00	0.00
<b>TOTAL NON-DEPARTMENTAL</b>	<b>150,250.00</b>	<b>15,044.66</b>	<b>32,887.26</b>	<b>21.89</b>	<b>117,362.74</b>
<b>TOTAL REVENUES</b>	<b>150,250.00</b>	<b>15,044.66</b>	<b>32,887.26</b>	<b>21.89</b>	<b>117,362.74</b>



CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

301-STREET MAINTENANCE

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>CONTRACTUAL SERVICES</b>					
301-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00	0.00	0.00
<b>MISCELLANEOUS OTHER EXP</b>					
301-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
301-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
301-5-60-5345 DEPRECIATION EXPENSE	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS OTHER EXP	0.00	0.00	0.00	0.00	0.00
<b>CAPITAL OUTLAY</b>					
301-5-60-5469 TRANSFER TO STREET DEPARTMENT	300,595.00	0.00	0.00	0.00	300,595.00
TOTAL CAPITAL OUTLAY	300,595.00	0.00	0.00	0.00	300,595.00
<b>TOTAL NON-DEPARTMENTAL</b>	<b>300,595.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>300,595.00</b>
<b>TOTAL EXPENDITURES</b>	<b>300,595.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>300,595.00</b>
<b>REVENUES OVER/(UNDER) EXPENDITURES</b>	<b>( 150,345.00)</b>	<b>15,044.66</b>	<b>32,887.26</b>		<b>( 183,232.26)</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

310-COURT SECURITY FUND  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
COURT	<u>1,600.00</u>	<u>381.24</u>	<u>761.12</u>	<u>47.57</u>	<u>838.88</u>
TOTAL REVENUES	<u>1,600.00</u>	<u>381.24</u>	<u>761.12</u>	<u>47.57</u>	<u>838.88</u>
<u>EXPENDITURE SUMMARY</u>					
COURT	<u>1,000.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,000.00</u>
TOTAL EXPENDITURES	<u>1,000.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,000.00</u>
REVENUES OVER/ (UNDER) EXPENDITURES	600.00	381.24	761.12	(	161.12)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

310-COURT SECURITY FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<hr/>					
COURT =====					
COURT REVENUE					
310-4-50-4104 COURT SECURITY FEE	1,500.00	378.24	758.12	50.54	741.88
310-4-50-4105 MUNI COURT BLDG SECURITY	100.00	3.00	3.00	3.00	97.00
TOTAL COURT REVENUE	<u>1,600.00</u>	<u>381.24</u>	<u>761.12</u>	<u>47.57</u>	<u>838.88</u>
INVESTMENT INCOME					
310-4-50-4491 MUNI CT TECHNOLOGY	0.00	0.00	0.00	0.00	0.00
TOTAL INVESTMENT INCOME	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
TOTAL COURT	1,600.00	381.24	761.12	47.57	838.88
<hr/>					
TOTAL REVENUES	<u>1,600.00</u>	<u>381.24</u>	<u>761.12</u>	<u>47.57</u>	<u>838.88</u>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

310-COURT SECURITY FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>COURT</u>					
<u>MISCELLANEOUS OTHER EXP</u>					
310-5-50-5311 OFFICE SECURITY	1,000.00	0.00	0.00	0.00	1,000.00
TOTAL MISCELLANEOUS OTHER EXP	1,000.00	0.00	0.00	0.00	1,000.00
<u>TOTAL COURT</u>	1,000.00	0.00	0.00	0.00	1,000.00
<u>TOTAL EXPENDITURES</u>	1,000.00	0.00	0.00	0.00	1,000.00
REVENUES OVER/(UNDER) EXPENDITURES	600.00	381.24	761.12	(	161.12)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

320-COURT TECHNOLOGY FUND  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
COURT	<u>1,600.00</u>	<u>312.77</u>	<u>622.89</u>	<u>38.93</u>	<u>977.11</u>
TOTAL REVENUES	<u>1,600.00</u>	<u>312.77</u>	<u>622.89</u>	<u>38.93</u>	<u>977.11</u>
<u>EXPENDITURE SUMMARY</u>					
COURT	<u>6,500.00</u>	<u>13.75</u>	<u>27.50</u>	<u>0.42</u>	<u>6,472.50</u>
TOTAL EXPENDITURES	<u>6,500.00</u>	<u>13.75</u>	<u>27.50</u>	<u>0.42</u>	<u>6,472.50</u>
REVENUES OVER/ (UNDER) EXPENDITURES	( 4,900.00)	299.02	595.39	(	5,495.39)

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

320-COURT TECHNOLOGY FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>COURT</u>					
<u>=====</u>					
<u>COURT REVENUE</u>					
320-4-50-4102 COURT TECHNOLOGY FEE	1,500.00	312.77	622.89	41.53	877.11
320-4-50-4191 MUNI COURT TECHNOLOGY	100.00	0.00	0.00	0.00	100.00
TOTAL COURT REVENUE	<u>1,600.00</u>	<u>312.77</u>	<u>622.89</u>	<u>38.93</u>	<u>977.11</u>
<hr/>					
TOTAL COURT	1,600.00	312.77	622.89	38.93	977.11
<hr/>					
TOTAL REVENUES	<u>1,600.00</u>	<u>312.77</u>	<u>622.89</u>	<u>38.93</u>	<u>977.11</u>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

320-COURT TECHNOLOGY FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<hr/>					
COURT					
=====					
MISCELLANEOUS OTHER EXP					
320-5-50-5300 COMPUTER SOFTWARE & SUPPORT	5,000.00	13.75	27.50	0.55	4,972.50
TOTAL MISCELLANEOUS OTHER EXP	<u>5,000.00</u>	<u>13.75</u>	<u>27.50</u>	<u>0.55</u>	<u>4,972.50</u>
CAPITAL OUTLAY					
320-5-50-5414 COMPUTERS	1,500.00	0.00	0.00	0.00	1,500.00
TOTAL CAPITAL OUTLAY	<u>1,500.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,500.00</u>
TOTAL COURT	<u>6,500.00</u>	<u>13.75</u>	<u>27.50</u>	<u>0.42</u>	<u>6,472.50</u>
TOTAL EXPENDITURES	<u>6,500.00</u>	<u>13.75</u>	<u>27.50</u>	<u>0.42</u>	<u>6,472.50</u>
REVENUES OVER/ (UNDER) EXPENDITURES	( 4,900.00)	299.02	595.39	(	5,495.39)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

330-COURT EFFICIENCY FUND  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
COURT	100.00	0.00	0.00	0.00	100.00
TOTAL REVENUES	100.00	0.00	0.00	0.00	100.00
<u>EXPENDITURE SUMMARY</u>					
COURT	100.00	0.00	0.00	0.00	100.00
TOTAL EXPENDITURES	100.00	0.00	0.00	0.00	100.00
REVENUES OVER/ (UNDER) EXPENDITURES	0.00	0.00	0.00		0.00



CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

330-COURT EFFICIENCY FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<hr/>					
COURT =====					
COURT REVENUE					
330-4-50-4110 ADMINISTRATIVE COURT FEES	100.00	0.00	0.00	0.00	100.00
TOTAL COURT REVENUE	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>
<hr/>					
TOTAL COURT	100.00	0.00	0.00	0.00	100.00
<hr/>					
TOTAL REVENUES	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

330-COURT EFFICIENCY FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<hr/>					
COURT					
=====					
SUPPLIES & OPERATION EXP					
330-5-50-5158 OFFICE SUPPLIES	100.00	0.00	0.00	0.00	100.00
TOTAL SUPPLIES & OPERATION EXP	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>
<hr/>					
TOTAL COURT	100.00	0.00	0.00	0.00	100.00
<hr/>					
TOTAL EXPENDITURES	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>
<hr/>					
REVENUES OVER/(UNDER) EXPENDITURES	0.00	0.00	0.00		0.00

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

430-DEBT SERVICE FUND 2014  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-DEPARTMENTAL	199,850.00	2,784.26	2,818.36	1.41	197,031.64
TOTAL REVENUES	199,850.00	2,784.26	2,818.36	1.41	197,031.64
<u>EXPENDITURE SUMMARY</u>					
NON-DEPARTMENTAL	199,350.00	0.00	0.00	0.00	199,350.00
TOTAL EXPENDITURES	199,350.00	0.00	0.00	0.00	199,350.00
REVENUES OVER/ (UNDER) EXPENDITURES	500.00	2,784.26	2,818.36	(	2,318.36)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

430-DEBT SERVICE FUND 2014

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>TAXES</b>					
430-4-60-4020 PENALTY & INTEREST ON TAXES	500.00	9.59	22.02	4.40	477.98
430-4-60-4031 PROPERTY TAX-DEBT SERVICE FD	198,950.00	2,774.67	2,796.34	1.41	196,153.66
TOTAL TAXES	199,450.00	2,784.26	2,818.36	1.41	196,631.64
<b>MISCELLANEOUS REVENUE</b>					
430-4-60-4577 TRSF FROM STREETS-PAYING AGENT	400.00	0.00	0.00	0.00	400.00
430-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	400.00	0.00	0.00	0.00	400.00
<b>TOTAL NON-DEPARTMENTAL</b>	199,850.00	2,784.26	2,818.36	1.41	197,031.64
<b>TOTAL REVENUES</b>	199,850.00	2,784.26	2,818.36	1.41	197,031.64

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

430-DEBT SERVICE FUND 2014

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>CONTRACTUAL SERVICES</b>					
430-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
430-5-60-5276 PAYING AGENT FEES	400.00	0.00	0.00	0.00	400.00
430-5-60-5298 BOND PRINCIPAL - SERIES 2014	140,000.00	0.00	0.00	0.00	140,000.00
430-5-60-5299 BOND INTEREST - SERIES 2014	58,950.00	0.00	0.00	0.00	58,950.00
TOTAL CONTRACTUAL SERVICES	199,350.00	0.00	0.00	0.00	199,350.00
<b>MISCELLANEOUS OTHER EXP</b>					
430-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
430-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
430-5-60-5345 Depreciation Expense	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS OTHER EXP	0.00	0.00	0.00	0.00	0.00
<b>CAPITAL OUTLAY</b>					
430-5-60-5461 TRANSFER TO WATER FUND	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00	0.00	0.00
<b>TOTAL NON-DEPARTMENTAL</b>	199,350.00	0.00	0.00	0.00	199,350.00
<b>TOTAL EXPENDITURES</b>	199,350.00	0.00	0.00	0.00	199,350.00
<b>REVENUES OVER/(UNDER) EXPENDITURES</b>	500.00	2,784.26	2,818.36	(	2,318.36)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

440-DEBT SERVICE FUND 2012  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-DEPARTMENTAL	0.00	47.89	109.50	0.00	( 109.50)
TOTAL REVENUES	0.00	47.89	109.50	0.00	( 109.50)
<u>EXPENDITURE SUMMARY</u>					
NON-DEPARTMENTAL	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES	0.00	0.00	0.00	0.00	0.00
REVENUES OVER/ (UNDER) EXPENDITURES	0.00	47.89	109.50		( 109.50)

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

440-DEBT SERVICE FUND 2012

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>TAXES</b>					
440-4-60-4020 PENALTY & INTEREST ON TAXES	0.00	15.15	38.32	0.00 (	38.32)
440-4-60-4031 PROPERTY TAX-DEBT SERVICE FD	0.00	32.74	71.18	0.00 (	71.18)
TOTAL TAXES	<u>0.00</u>	<u>47.89</u>	<u>109.50</u>	<u>0.00 (</u>	<u>109.50)</u>
<b>MISCELLANEOUS REVENUE</b>					
440-4-60-4573 TRSF FROM WASTEWATER-PAY AGENT	0.00	0.00	0.00	0.00	0.00
440-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>TOTAL NON-DEPARTMENTAL</b>	0.00	47.89	109.50	0.00 (	109.50)
<b>TOTAL REVENUES</b>	<u>0.00</u>	<u>47.89</u>	<u>109.50</u>	<u>0.00 (</u>	<u>109.50)</u>

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

440-DEBT SERVICE FUND 2012

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>CONTRACTUAL SERVICES</b>					
440-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
440-5-60-5242 DEBT SERVICE-2012A INTEREST	0.00	0.00	0.00	0.00	0.00
440-5-60-5243 DEBT SERVICE-PRINCIPAL 2012A	0.00	0.00	0.00	0.00	0.00
440-5-60-5276 PAYING AGENT FEES	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>MISCELLANEOUS OTHER EXP</b>					
440-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
440-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
440-5-60-5345 Depreciation Expense	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS OTHER EXP	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>CAPITAL OUTLAY</b>					
440-5-60-5486 TRANSFER OUT TO WASTEWATER FD	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>TOTAL NON-DEPARTMENTAL</b>	0.00	0.00	0.00	0.00	0.00
<b>TOTAL EXPENDITURES</b>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	0.00	47.89	109.50	(	109.50)



CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

450-DEBT SERVICE FUND 2019  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-DEPARTMENTAL	717,050.00	9,968.59	10,029.49	1.40	707,020.51
TOTAL REVENUES	717,050.00	9,968.59	10,029.49	1.40	707,020.51
<u>EXPENDITURE SUMMARY</u>					
NON-DEPARTMENTAL	716,050.00	0.00	0.00	0.00	716,050.00
TOTAL EXPENDITURES	716,050.00	0.00	0.00	0.00	716,050.00
REVENUES OVER/ (UNDER) EXPENDITURES	1,000.00	9,968.59	10,029.49		( 9,029.49)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

450-DEBT SERVICE FUND 2019

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>TAXES</b>					
450-4-60-4020 PENALTY & INTEREST ON TAXES	1,000.00	19.67	41.01	4.10	958.99
450-4-60-4031 PROPERTY TAX-DEBT SERVICE FD	715,650.00	9,948.92	9,988.48	1.40	705,661.52
<b>TOTAL TAXES</b>	<b>716,650.00</b>	<b>9,968.59</b>	<b>10,029.49</b>	<b>1.40</b>	<b>706,620.51</b>
<b>MISCELLANEOUS REVENUE</b>					
450-4-60-4573 TRSF FROM WASTEWATER-PAY AGENT	400.00	0.00	0.00	0.00	400.00
450-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS REVENUE</b>	<b>400.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>400.00</b>
<b>TOTAL NON-DEPARTMENTAL</b>	<b>717,050.00</b>	<b>9,968.59</b>	<b>10,029.49</b>	<b>1.40</b>	<b>707,020.51</b>
<b>TOTAL REVENUES</b>	<b>717,050.00</b>	<b>9,968.59</b>	<b>10,029.49</b>	<b>1.40</b>	<b>707,020.51</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

450-DEBT SERVICE FUND 2019

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>CONTRACTUAL SERVICES</b>					
450-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
450-5-60-5207 BOND PRINCIPAL-SERIES 2019	425,000.00	0.00	0.00	0.00	425,000.00
450-5-60-5208 BOND INTEREST - SERIES 2019	290,650.00	0.00	0.00	0.00	290,650.00
450-5-60-5276 PAYING AGENT FEES	400.00	0.00	0.00	0.00	400.00
TOTAL CONTRACTUAL SERVICES	716,050.00	0.00	0.00	0.00	716,050.00
<b>MISCELLANEOUS OTHER EXP</b>					
450-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
450-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
450-5-60-5345 Depreciation Expense	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS OTHER EXP	0.00	0.00	0.00	0.00	0.00
<b>CAPITAL OUTLAY</b>					
450-5-60-5462 TRANSFER OUT TO WASTEWATER FD	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00	0.00	0.00
<b>TOTAL NON-DEPARTMENTAL</b>	<b>716,050.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>716,050.00</b>
<b>TOTAL EXPENDITURES</b>	<b>716,050.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>716,050.00</b>
<b>REVENUES OVER/(UNDER) EXPENDITURES</b>	<b>1,000.00</b>	<b>9,968.59</b>	<b>10,029.49</b>	<b>(</b>	<b>9,029.49)</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

460-DEBT SERVICE FUND 2020  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-DEPARTMENTAL	<u>316,520.00</u>	<u>4,411.93</u>	<u>4,458.96</u>	<u>1.41</u>	<u>312,061.04</u>
TOTAL REVENUES	<u>316,520.00</u>	<u>4,411.93</u>	<u>4,458.96</u>	<u>1.41</u>	<u>312,061.04</u>
<u>EXPENDITURE SUMMARY</u>					
NON-DEPARTMENTAL	<u>315,520.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>315,520.00</u>
TOTAL EXPENDITURES	<u>315,520.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>315,520.00</u>
REVENUES OVER/ (UNDER) EXPENDITURES	1,000.00	4,411.93	4,458.96	(	3,458.96)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

460-DEBT SERVICE FUND 2020

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>TAXES</b>					
460-4-60-4020 PENALTY & INTEREST ON TAXES	1,000.00	15.08	31.57	3.16	968.43
460-4-60-4031 PROPERTY TAX-DEBT SERVICE FD	315,280.00	4,396.85	4,427.39	1.40	310,852.61
<b>TOTAL TAXES</b>	<b>316,280.00</b>	<b>4,411.93</b>	<b>4,458.96</b>	<b>1.41</b>	<b>311,821.04</b>
<b>MISCELLANEOUS REVENUE</b>					
460-4-60-4573 TRSF FROM WASTEWATER-PAY AGENT	240.00	0.00	0.00	0.00	240.00
460-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS REVENUE</b>	<b>240.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>240.00</b>
<b>TOTAL NON-DEPARTMENTAL</b>	<b>316,520.00</b>	<b>4,411.93</b>	<b>4,458.96</b>	<b>1.41</b>	<b>312,061.04</b>
<b>TOTAL REVENUES</b>	<b>316,520.00</b>	<b>4,411.93</b>	<b>4,458.96</b>	<b>1.41</b>	<b>312,061.04</b>

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

460-DEBT SERVICE FUND 2020

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>CONTRACTUAL SERVICES</b>					
460-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
460-5-60-5248 DEBT SERVICE INTEREST TAX NOTE	20,280.00	0.00	0.00	0.00	20,280.00
460-5-60-5249 DEBT SERVICE PRINCIPAL TAX NTS	295,000.00	0.00	0.00	0.00	295,000.00
460-5-60-5276 PAYING AGENT FEES	240.00	0.00	0.00	0.00	240.00
<b>TOTAL CONTRACTUAL SERVICES</b>	<b>315,520.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>315,520.00</b>
<b>MISCELLANEOUS OTHER EXP</b>					
460-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
460-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
460-5-60-5345 Depreciation Expense	0.00	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS OTHER EXP</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>TOTAL NON-DEPARTMENTAL</b>	<b>315,520.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>315,520.00</b>
<b>TOTAL EXPENDITURES</b>	<b>315,520.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>315,520.00</b>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	<b>1,000.00</b>	<b>4,411.93</b>	<b>4,458.96</b>	<b>(</b>	<b>3,458.96)</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

470-DEBT SERVICE FUND 2023  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON DEPARTMENTAL	<u>237,383.00</u>	<u>3,266.59</u>	<u>3,266.59</u>	<u>1.38</u>	<u>234,116.41</u>
TOTAL REVENUES	<u>237,383.00</u>	<u>3,266.59</u>	<u>3,266.59</u>	<u>1.38</u>	<u>234,116.41</u>
<u>EXPENDITURE SUMMARY</u>					
NON DEPARTMENTAL	<u>236,383.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>236,383.00</u>
TOTAL EXPENDITURES	<u>236,383.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>236,383.00</u>
REVENUES OVER/ (UNDER) EXPENDITURES	1,000.00	3,266.59	3,266.59	(	2,266.59)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

470-DEBT SERVICE FUND 2023

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON DEPARTMENTAL</b>					
<b>TAXES</b>					
470-4-60-4020 PENALTY AND INTEREST ON TAXES	1,000.00	0.00	0.00	0.00	1,000.00
470-4-60-4031 PROPERTY TAX - DEBT SERVICE FD	235,983.00	3,266.59	3,266.59	1.38	232,716.41
<b>TOTAL TAXES</b>	<b>236,983.00</b>	<b>3,266.59</b>	<b>3,266.59</b>	<b>1.38</b>	<b>233,716.41</b>
<b>MISCELLANEOUS REVENUE</b>					
470-4-60-4572 TRSF FROM WATER - PAY AGENT	400.00	0.00	0.00	0.00	400.00
<b>TOTAL MISCELLANEOUS REVENUE</b>	<b>400.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>400.00</b>
<b>TOTAL NON DEPARTMENTAL</b>	<b>237,383.00</b>	<b>3,266.59</b>	<b>3,266.59</b>	<b>1.38</b>	<b>234,116.41</b>
<b>TOTAL REVENUES</b>	<b>237,383.00</b>	<b>3,266.59</b>	<b>3,266.59</b>	<b>1.38</b>	<b>234,116.41</b>



CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

470-DEBT SERVICE FUND 2023

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON DEPARTMENTAL</b>					
=====					
<b>CONTRACTUAL SERVICES</b>					
470-5-60-5209 BOND PRINCIPAL - SERIES 2023	65,000.00	0.00	0.00	0.00	65,000.00
470-5-60-5210 BOND INTEREST - SERIES 2023	170,983.00	0.00	0.00	0.00	170,983.00
470-5-60-5276 PAYING AGENT FEES	400.00	0.00	0.00	0.00	400.00
TOTAL CONTRACTUAL SERVICES	<u>236,383.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>236,383.00</u>
<b>TOTAL NON DEPARTMENTAL</b>	236,383.00	0.00	0.00	0.00	236,383.00
<hr/>					
<b>TOTAL EXPENDITURES</b>	<u>236,383.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>236,383.00</u>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	1,000.00	3,266.59	3,266.59	(	2,266.59)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

701-CAPITAL PROJECTS FUND  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
CAPITAL IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00
NON-DEPARTMENTAL	0.00	303.18	616.45	0.00	( 616.45)
TOTAL REVENUES	0.00	303.18	616.45	0.00	( 616.45)
<u>EXPENDITURE SUMMARY</u>					
CAPITAL IMPROVEMENTS	3,375,535.00	0.00	0.00	0.00	3,375,535.00
NON-DEPARTMENTAL	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES	3,375,535.00	0.00	0.00	0.00	3,375,535.00
REVENUES OVER/ (UNDER) EXPENDITURES	( 3,375,535.00)	303.18	616.45		( 3,376,151.45)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

701-CAPITAL PROJECTS FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>CAPITAL IMPROVEMENTS</b>					
<b>UTILITY REVENUE</b>					
701-4-35-4640 OTHER SOURCES - BOND PREMIUM	0.00	0.00	0.00	0.00	0.00
701-4-35-4641 OTHER SOURCES - BOND ISSUANCE	0.00	0.00	0.00	0.00	0.00
TOTAL UTILITY REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00
<b>NON-DEPARTMENTAL</b>					
<b>INVESTMENT INCOME</b>					
701-4-60-4401 INTEREST INCOME - GO BONDS	0.00	303.18	616.45	0.00 (	616.45)
TOTAL INVESTMENT INCOME	0.00	303.18	616.45	0.00 (	616.45)
<b>MISCELLANEOUS REVENUE</b>					
701-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	0.00	0.00	0.00	0.00	0.00
<b>UTILITY REVENUE</b>					
701-4-60-4640 OTHER SOURCES - BOND PREMIUM	0.00	0.00	0.00	0.00	0.00
701-4-60-4641 OTHER SOURCES - BOND ISSUANCE	0.00	0.00	0.00	0.00	0.00
TOTAL UTILITY REVENUE	0.00	0.00	0.00	0.00	0.00
TOTAL NON-DEPARTMENTAL	0.00	303.18	616.45	0.00 (	616.45)
TOTAL REVENUES	0.00	303.18	616.45	0.00 (	616.45)

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

701-CAPITAL PROJECTS FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>CAPITAL IMPROVEMENTS</b>					
<b>MISCELLANEOUS OTHER EXP</b>					
701-5-35-5303 BOND ISSUANCE COST	0.00	0.00	0.00	0.00	0.00
701-5-35-5330 WATER CIP PACKAGES 1-4	3,375,535.00	0.00	0.00	0.00	3,375,535.00
TOTAL MISCELLANEOUS OTHER EXP	3,375,535.00	0.00	0.00	0.00	3,375,535.00
<b>TOTAL CAPITAL IMPROVEMENTS</b>	<b>3,375,535.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3,375,535.00</b>
<b>NON-DEPARTMENTAL</b>					
<b>CONTRACTUAL SERVICES</b>					
701-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00	0.00	0.00
<b>MISCELLANEOUS OTHER EXP</b>					
701-5-60-5303 BOND ISSUANCE COST	0.00	0.00	0.00	0.00	0.00
701-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
701-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
701-5-60-5345 Depreciation Expense	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS OTHER EXP	0.00	0.00	0.00	0.00	0.00
<b>TOTAL NON-DEPARTMENTAL</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>TOTAL EXPENDITURES</b>	<b>3,375,535.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3,375,535.00</b>
<b>REVENUES OVER/(UNDER) EXPENDITURES</b>	<b>( 3,375,535.00)</b>	<b>303.18</b>	<b>616.45</b>		<b>( 3,376,151.45)</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

702-DRAINAGE FUND  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
CAPITAL IMPROVEMENTS	60,900.00	363.75	12,162.50	19.97	48,737.50
TOTAL REVENUES	60,900.00	363.75	12,162.50	19.97	48,737.50
<u>EXPENDITURE SUMMARY</u>					
CAPITAL IMPROVEMENTS	68,000.00	0.00	0.00	0.00	68,000.00
TOTAL EXPENDITURES	68,000.00	0.00	0.00	0.00	68,000.00
REVENUES OVER/ (UNDER) EXPENDITURES	( 7,100.00)	363.75	12,162.50		( 19,262.50)

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

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702-DRAINAGE FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>CAPITAL IMPROVEMENTS</b>					
<b>CHARGE FOR SERVICES</b>					
702-4-35-4221 RSDP ZONE 7	100.00	0.00	0.00	0.00	100.00
702-4-35-4222 RSDP ZONE 1	100.00	0.00	0.00	0.00	100.00
702-4-35-4223 RSDP ZONE 2	100.00	0.00	0.00	0.00	100.00
702-4-35-4224 RCDP ZONE 8	100.00	0.00	0.00	0.00	100.00
702-4-35-4225 RSDP ZONE 5	100.00	0.00	0.00	0.00	100.00
702-4-35-4226 RSDP ZONE 3	100.00	0.00	0.00	0.00	100.00
702-4-35-4227 RSDP ZONE4	100.00	0.00	0.00	0.00	100.00
702-4-35-4228 RSDP ZONE 6	100.00	0.00	0.00	0.00	100.00
702-4-35-4229 RSDP ZONE 9	100.00	0.00	0.00	0.00	100.00
TOTAL CHARGE FOR SERVICES	900.00	0.00	0.00	0.00	900.00
<b>LICENSE &amp; PERMITS</b>					
702-4-35-4309 Site Drainage Inspect Fee	0.00	0.00	0.00	0.00	0.00
702-4-35-4360 DRAINAGE REVIEW REVENUE	60,000.00	363.75	12,162.50	20.27	47,837.50
TOTAL LICENSE & PERMITS	60,000.00	363.75	12,162.50	20.27	47,837.50
<b>MISCELLANEOUS REVENUE</b>					
702-4-35-4500 TRANSFER FROM GENERAL FUND	0.00	0.00	0.00	0.00	0.00
702-4-35-4578 FUND BALANCE TRANSFER-IN	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	0.00	0.00	0.00	0.00	0.00
<b>TOTAL CAPITAL IMPROVEMENTS</b>	<b>60,900.00</b>	<b>363.75</b>	<b>12,162.50</b>	<b>19.97</b>	<b>48,737.50</b>
<b>TOTAL REVENUES</b>	<b>60,900.00</b>	<b>363.75</b>	<b>12,162.50</b>	<b>19.97</b>	<b>48,737.50</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

702-DRAINAGE FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>CAPITAL IMPROVEMENTS</b>					
<b>CONTRACTUAL SERVICES</b>					
702-5-35-5203 Final Site Drainage Inspection	0.00	0.00	0.00	0.00	0.00
702-5-35-5221 NIXON PLEASANT DRAINAGE IMPROV	0.00	0.00	0.00	0.00	0.00
702-5-35-5222 HUBBARD-HATLEY-PICKWICK DRAIN	0.00	0.00	0.00	0.00	0.00
702-5-35-5259 PROJECT MANAGEMENT	0.00	0.00	0.00	0.00	0.00
702-5-35-5270 ENGINEERING SERVICES	60,000.00	0.00	0.00	0.00	60,000.00
702-5-35-5274 NIXON PLEASANT DRAINAGE IMPROV	0.00	0.00	0.00	0.00	0.00
<b>TOTAL CONTRACTUAL SERVICES</b>	<b>60,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>60,000.00</b>
<b>CAPITAL OUTLAY</b>					
702-5-35-5407 DRAINAGE EXPENDITURES ZONE 7	0.00	0.00	0.00	0.00	0.00
702-5-35-5485 MS-4 EXPENDITURES	8,000.00	0.00	0.00	0.00	8,000.00
<b>TOTAL CAPITAL OUTLAY</b>	<b>8,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>8,000.00</b>
<b>TOTAL CAPITAL IMPROVEMENTS</b>	<b>68,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>68,000.00</b>
<b>TOTAL EXPENDITURES</b>	<b>68,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>68,000.00</b>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	<b>( 7,100.00)</b>	<b>363.75</b>	<b>12,162.50</b>		<b>( 19,262.50)</b>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

800-WASTE WATER FUND  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-DEPARTMENTAL	1,026,054.00	92,454.52	183,466.66	17.88	842,587.34
TOTAL REVENUES	1,026,054.00	92,454.52	183,466.66	17.88	842,587.34
<u>EXPENDITURE SUMMARY</u>					
NON-DEPARTMENTAL	1,111,873.00	100,072.53	128,654.47	11.57	983,218.53
TOTAL EXPENDITURES	1,111,873.00	100,072.53	128,654.47	11.57	983,218.53
REVENUES OVER/(UNDER) EXPENDITURES	( 85,819.00)	( 7,618.01)	54,812.19		( 140,631.19)



CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

800-WASTE WATER FUND

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>INVESTMENT INCOME</b>					
800-4-60-4400 INTEREST INCOME	10,000.00	1,410.63	2,858.00	28.58	7,142.00
800-4-60-4401 INTEREST INCOME-CHECKING	250.00	21.88	46.62	18.65	203.38
TOTAL INVESTMENT INCOME	<u>10,250.00</u>	<u>1,432.51</u>	<u>2,904.62</u>	<u>28.34</u>	<u>7,345.38</u>
<b>MISCELLANEOUS REVENUE</b>					
800-4-60-4565 GRANT REVENUES	0.00	0.00	0.00	0.00	0.00
800-4-60-4578 FUND BALANCE TRANSFER IN	0.00	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS REVENUE	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>UTILITY REVENUE</b>					
800-4-60-4620 WASTEWATER	900,000.00	81,673.75	161,865.52	17.99	738,134.48
800-4-60-4628 CONNECT FEE	3,500.00	0.00	0.00	0.00	3,500.00
TOTAL UTILITY REVENUE	<u>903,500.00</u>	<u>81,673.75</u>	<u>161,865.52</u>	<u>17.92</u>	<u>741,634.48</u>
<b>OTHER REVENUE</b>					
800-4-60-4700 UNEXPENDED BALANCE TRANSFER	0.00	0.00	0.00	0.00	0.00
800-4-60-4706 INDUSTRIAL WASTE SURCHARGE	14,144.00	1,168.74	2,337.48	16.53	11,806.52
800-4-60-4709 PUD WASTEWATER SURCHARGE	98,160.00	8,179.52	16,359.04	16.67	81,800.96
800-4-60-4732 TRANSFER FROM 2012 DEBT SVC-FD	0.00	0.00	0.00	0.00	0.00
TOTAL OTHER REVENUE	<u>112,304.00</u>	<u>9,348.26</u>	<u>18,696.52</u>	<u>16.65</u>	<u>93,607.48</u>
<b>TOTAL NON-DEPARTMENTAL</b>	<b>1,026,054.00</b>	<b>92,454.52</b>	<b>183,466.66</b>	<b>17.88</b>	<b>842,587.34</b>
<b>TOTAL REVENUES</b>	<b><u>1,026,054.00</u></b>	<b><u>92,454.52</u></b>	<b><u>183,466.66</u></b>	<b><u>17.88</u></b>	<b><u>842,587.34</u></b>

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

800-WASTE WATER FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-DEPARTMENTAL</b>					
<b>PERSONNEL</b>					
800-5-60-5000 SALARY	212,456.00	8,778.01	26,051.56	12.26	186,404.44
800-5-60-5002 HOLIDAY COMPENSATION	0.00	0.00	0.00	0.00	0.00
800-5-60-5006 OVERTIME/PLANNED OVERTIME	810.00	0.00	0.00	0.00	810.00
800-5-60-5007 STIPENDS/CERTIFICATIONS	15,521.00	0.00	0.00	0.00	15,521.00
800-5-60-5009 RETIREMENT PAYOUT RESERVE	0.00	0.00	0.00	0.00	0.00
800-5-60-5010 TRAINING	2,500.00	111.00	111.00	4.44	2,389.00
800-5-60-5020 HEALTH INSURANCE	25,000.00	691.92	2,066.31	8.27	22,933.69
800-5-60-5030 WORKERS COMP INSURANCE	4,600.00	0.00	4,466.35	97.09	133.65
800-5-60-5035 SOCIAL SECURITY/MEDICARE	17,502.00	671.52	1,992.94	11.39	15,509.06
800-5-60-5040 UNEMPLOYMENT COMP INSUR	250.00	0.00	0.00	0.00	250.00
800-5-60-5050 TX MUNICIPAL RETIREMENT SYS	29,742.00	1,083.20	3,214.75	10.81	26,527.25
800-5-60-5051 PENSION / OPEB	0.00	0.00	0.00	0.00	0.00
800-5-60-5060 STORM RELATED PAYROLL	0.00	0.00	0.00	0.00	0.00
<b>TOTAL PERSONNEL</b>	<b>308,381.00</b>	<b>11,335.65</b>	<b>37,902.91</b>	<b>12.29</b>	<b>270,478.09</b>
<b>SUPPLIES &amp; OPERATION EXP</b>					
800-5-60-5103 PRINTING & REPRODUCTION	200.00	0.00	0.00	0.00	200.00
800-5-60-5125 TRAVEL	2,500.00	0.00	0.00	0.00	2,500.00
800-5-60-5130 UTILITIES	42,500.00	3,799.42	3,799.42	8.94	38,700.58
800-5-60-5145 UNIFORMS & ACCESSORIES	1,500.00	0.00	0.00	0.00	1,500.00
800-5-60-5163 GRINDER PUMP MAINT/REPLACEMENT	20,000.00	2,666.77	2,666.77	13.33	17,333.23
800-5-60-5166 MAINTENANCE & REPAIRS	30,000.00	2,197.68	2,197.68	7.33	27,802.32
800-5-60-5167 ADMINISTRATIVE FEES	40,000.00	0.00	0.00	0.00	40,000.00
800-5-60-5168 TRANSFER TO UTILITY BILLING	61,000.00	0.00	0.00	0.00	61,000.00
800-5-60-5171 EQUIPMENT	3,900.00	0.00	0.00	0.00	3,900.00
800-5-60-5172 SAFETY EQUIPMENT	375.00	0.00	0.00	0.00	375.00
800-5-60-5193 METER REPLACEMENT	50,000.00	0.00	0.00	0.00	50,000.00
800-5-60-5195 VEHICLE OPERATIONS	2,000.00	141.94	141.94	7.10	1,858.06
<b>TOTAL SUPPLIES &amp; OPERATION EXP</b>	<b>253,975.00</b>	<b>8,805.81</b>	<b>8,805.81</b>	<b>3.47</b>	<b>245,169.19</b>
<b>CONTRACTUAL SERVICES</b>					
800-5-60-5200 BAD DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00
800-5-60-5210 LEGAL SERVICES	1,000.00	0.00	0.00	0.00	1,000.00
800-5-60-5218 ANNUAL TELEVISIONING/SMOKE TEST	32,500.00	32,500.00	32,500.00	100.00	0.00
800-5-60-5219 UTILITY BILLING/COLLECTIONS	0.00	0.00	0.00	0.00	0.00
800-5-60-5232 UTILITY BILLING-COLLECT ADDNL	0.00	0.00	0.00	0.00	0.00
800-5-60-5233 CROSSROADS CONTRACT	97,980.00	8,165.00	8,165.00	8.33	89,815.00
800-5-60-5234 CROSSROADS EMERG/MCO REPAIRS	40,000.00	16,423.37	16,423.37	41.06	23,576.63
800-5-60-5240 INSURANCE - PROP & GEN LIAB	450.00	0.00	425.32	94.52	24.68
800-5-60-5255 VEHICLE INSURANCE	1,850.00	0.00	1,589.36	85.91	260.64
800-5-60-5270 ENGINEERING SERVICES	10,000.00	0.00	0.00	0.00	10,000.00
800-5-60-5271 RATE CONSULTING SERVICES	0.00	0.00	0.00	0.00	0.00
800-5-60-5290 WASTEWATER FEES	335,000.00	21,308.84	21,308.84	6.36	313,691.16
800-5-60-5292 INDUSTRIAL WASTE SURCHARGES	14,100.00	1,392.56	1,392.56	9.88	12,707.44
<b>TOTAL CONTRACTUAL SERVICES</b>	<b>532,880.00</b>	<b>79,789.77</b>	<b>81,804.45</b>	<b>15.35</b>	<b>451,075.55</b>

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

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800-WASTE WATER FUND

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>MISCELLANEOUS OTHER EXP</b>					
800-5-60-5300 COMPUTER SOFTWARE & SUPPORT	1,000.00	0.00	0.00	0.00	1,000.00
800-5-60-5323 LIFT STATION INSPECT, EMERGENC	0.00	0.00	0.00	0.00	0.00
800-5-60-5324 VALVE MANHOLE GPS MAPPING PROG	0.00	0.00	0.00	0.00	0.00
800-5-60-5325 CCTV INSPECTION AND PIPE CLEAN	0.00	0.00	0.00	0.00	0.00
800-5-60-5326 QUARTERLY GIS MAP UPDATE	10,000.00	0.00	0.00	0.00	10,000.00
800-5-60-5342 DEBT SERVICE - 2012A INTEREST	0.00	0.00	0.00	0.00	0.00
800-5-60-5345 DEPRECIATION EXPENSE	0.00	0.00	0.00	0.00	0.00
800-5-60-5350 TOOLS	2,000.00	0.00	0.00	0.00	2,000.00
TOTAL MISCELLANEOUS OTHER EXP	13,000.00	0.00	0.00	0.00	13,000.00
<b>CAPITAL OUTLAY</b>					
800-5-60-5414 COMPUTERS	500.00	0.00	0.00	0.00	500.00
800-5-60-5494 VEH FIN NOTE - DEBT SERVICE	3,137.00	0.00	0.00	0.00	3,137.00
800-5-60-5495 NEW VEHICLE & OUTFITTING	0.00	0.00	0.00	0.00	0.00
800-5-60-5496 LIFT STATION AUTOMATION	0.00	85.50	85.50	0.00	( 85.50)
800-5-60-5497 LIFT STATION EMERGENCY POWER	0.00	55.80	55.80	0.00	( 55.80)
TOTAL CAPITAL OUTLAY	3,637.00	141.30	141.30	3.89	3,495.70
<b>TOTAL NON-DEPARTMENTAL</b>	<b>1,111,873.00</b>	<b>100,072.53</b>	<b>128,654.47</b>	<b>11.57</b>	<b>983,218.53</b>
<b>TOTAL EXPENDITURES</b>	<b>1,111,873.00</b>	<b>100,072.53</b>	<b>128,654.47</b>	<b>11.57</b>	<b>983,218.53</b>
<b>REVENUES OVER/ (UNDER) EXPENDITURES</b>	<b>( 85,819.00)</b>	<b>( 7,618.01)</b>	<b>54,812.19</b>		<b>( 140,631.19)</b>

2023-2024

CITY OF ROLLINGWOOD  
MONTHLY FINANCIAL ANALYSIS

**NOTE: YTD ACTUAL AS OF 11/30/2023; 16.67% OF FISCAL YEAR**

**REVENUE STATUS & COMPARISON TO PRIOR YEAR**

	CURRENT YEAR:			PRIOR YEAR:		CURRENT YR COMPARED TO PY YR
	EST. REVENUE	YTD	PERCENT	YTD		
CURRENT PROPERTY TAXES	\$ 1,488,016	\$ 20,740	1%	\$ 18,349		113%
TELECOM TAXES	\$ 20,000	\$ 5,224	26%	\$ 5,764		91%
4-B SALES TAX	\$ 150,000	\$ 32,827	22%	\$ 27,750		118%
CITY SALES TAX	\$ 625,000	\$ 131,307	21%	\$ 111,001		118%
ELECTRIC UTILITY FRANCHISE FEE	\$ 95,000	\$ 36,026	38%	\$ 29,451		122%
BUILDING PERMIT FEES	\$ 99,750	\$ 27,248	27%	\$ 18,471		148%
COURT FINES	\$ 41,200	\$ 29,212	71%	\$ 14,394		203%
WATER SALES	\$ 1,504,000	\$ 268,689	18%	\$ 287,818		93%
STREET SALES TAX	\$ 150,000	\$ 32,827	22%	\$ 27,750		118%
PROPERTY TAX-DEBT SERVICE 2014	\$ 198,950	\$ 2,818	1%	\$ 2,636		107%
PROPERTY TAX-DEBT SERVICE 2019	\$ 716,650	\$ 10,029	1%	\$ 5,413		185%
PROPERTY TAX-DEBT SERVICE 2020	\$ 316,280	\$ 4,459	1%	\$ 4,154		107%
PROPERTY TAX-DEBT SERVICE 2023	\$ 236,983	\$ 3,267	1%	-	#DIV/0!	
WASTEWATER REVENUES	\$ 903,500	\$ 161,866	18%	\$ 156,690		103%
PUD SURCHARGE	\$ 98,160	\$ 16,359	17%	\$ 16,359		100%

**BUDGET STATUS & COMPARISON TO PRIOR YEAR**

	CURRENT YEAR:			PRIOR YEAR:		CURRENT YR COMPARED TO PY YR
	BUDGET	YTD	PERCENT	YTD		
<b>GENERAL FUND:</b>						
REVENUE	\$ 3,357,983	\$ 302,655	9%	\$ 238,013		127%
EXPENDITURES	\$ 3,459,648	\$ 404,363	12%	\$ 422,574		170%
<b>WATER FUND:</b>						
REVENUE	\$ 1,505,250	\$ 269,400	18%	\$ 288,216		93%
EXPENDITURES	\$ 1,569,344	\$ 102,540	7%	\$ 130,560		36%
<b>STREET MAINTENANCE FUND:</b>						
REVENUE	\$ 150,250	\$ 32,887	22%	\$ 27,749		119%
EXPENDITURES	\$ 300,595	\$ -	0%	\$ -		0%
<b>COURT SECURITY FUND:</b>						
REVENUE	\$ 1,600	\$ 761	48%	\$ 652		117%
EXPENDITURES	\$ 1,000	\$ -	0%	\$ -		0%
<b>COURT TECHNOLOGY FUND:</b>						
REVENUE	\$ 1,600	\$ 623	39%	\$ 534		117%
EXPENDITURES	\$ 6,500	\$ 28	0%	\$ 8		5%
<b>COURT EFFICIENCY FUND:</b>						
REVENUE	\$ 100	\$ -	0%	\$ -	#DIV/0!	
EXPENDITURES	\$ 100	\$ -	0%	\$ -	#DIV/0!	
<b>DEBT SERVICE FUND - 2014:</b>						
REVENUE	\$ 199,850	\$ 2,818	1%	\$ 2,636		107%
EXPENDITURES	\$ 199,350	\$ -	0%	\$ -		0%
<b>DEBT SERVICE FUND - 2019:</b>						
REVENUE	\$ 717,050	\$ 10,029	1%	\$ 5,425		185%
EXPENDITURES	\$ 716,050	\$ -	0%	\$ -		0%
<b>DEBT SERVICE FUND - 2020:</b>						
REVENUE	\$ 316,520	\$ 4,459	1%	\$ 4,163		107%
EXPENDITURES	\$ 315,520	\$ -	0%	\$ -		0%
<b>DEBT SERVICE FUND - 2023:</b>						
REVENUE	\$ 237,384	\$ 3,267	1%	\$ -	#DIV/0!	
EXPENDITURES	\$ 236,383	\$ -	0%	\$ -	#DIV/0!	
<b>CAPITAL PROJECTS FUND:</b>						
REVENUE	\$ -	\$ 616	#DIV/0!	\$ -	#DIV/0!	
EXPENDITURES	\$ 3,375,535	\$ -	0%	\$ -	#DIV/0!	
<b>DRAINAGE FUND:</b>						
REVENUE	\$ 60,900	\$ 12,163	20%	\$ 2,000		608%
EXPENDITURES	\$ 68,000	\$ -	0%	\$ 59		0%
<b>WASTEWATER FUND:</b>						
REVENUE	\$ 1,026,054	\$ 183,467	18%	\$ 177,159		104%
EXPENDITURES	\$ 1,111,873	\$ 128,654	12%	\$ 107,228		73%

CITY OF ROLLINGWOOD  
BALANCE SHEET  
AS OF: NOVEMBER 30TH, 2023

500-RCDC

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE	
<b>ASSETS</b>			
500-1000	RCDC OPERATING CASH	173,321.38	
500-1005	TEXPOOL	337,390.52	
500-1100	DUE FROM CITY	15,015.57	
500-1350	SALES TAX RECEIVABLE	0.00	
			<u>525,727.47</u>
<b>TOTAL ASSETS</b>			<u><u>525,727.47</u></u>
<b>LIABILITIES</b>			
500-2000	ACCOUNTS PAYABLE	0.00	
500-2020	ACCOUNTS PAYABLE RCDC	0.00	
500-2030	PAYABLE TO CITY	0.00	
500-2060	Retirement Payout Reserve	0.00	
500-2140	Vehicle Financing Notes	0.00	
	<b>TOTAL LIABILITIES</b>		<u>0.00</u>
<b>EQUITY</b>			
500-3000	FUND BALANCE-UNAPPROPRATED	389,369.29	
500-3001	XXFUND BALANCE	0.00	
500-3010	OTHER FUND BALANCE	0.00	
500-3030	AMOUNTS TO BE PROVIDED FOR	31,376.17	
	<b>TOTAL BEGINNING EQUITY</b>	<u>420,745.46</u>	
	<b>TOTAL REVENUE</b>	35,844.78	
	<b>TOTAL EXPENSES</b>	<u>3,500.00</u>	
	<b>TOTAL REVENUE OVER/(UNDER) EXPENSES</b>	<u>32,344.78</u>	
	<b>(WILL CLOSE TO FUND BAL.)</b>	72,637.23	
	<b>TOTAL EQUITY &amp; REV. OVER/(UNDER) EXP.</b>		<u>525,727.47</u>
	<b>TOTAL LIABILITIES, EQUITY &amp; REV.OVER/(UNDER) EXP.</b>		<u><u>525,727.47</u></u>

CITY OF ROLLINGWOOD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2023

500-RCDC  
FINANCIAL SUMMARY

16.67% OF FISCAL YEAR

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<u>REVENUE SUMMARY</u>					
NON-PROJECT RELATED	150,000.00	16,505.52	35,844.78	23.90	114,155.22
TOTAL REVENUES	150,000.00	16,505.52	35,844.78	23.90	114,155.22
<u>EXPENDITURE SUMMARY</u>					
ECONOMIC DEVELOPMENT	15,000.00	0.00	0.00	0.00	15,000.00
NON-PROJECT RELATED	77,000.00	0.00	0.00	0.00	77,000.00
ADDITIONAL NEW PROJECTS	58,600.00	0.00	3,500.00	5.97	55,100.00
TOTAL EXPENDITURES	150,600.00	0.00	3,500.00	2.32	147,100.00
REVENUES OVER/ (UNDER) EXPENDITURES	( 600.00)	16,505.52	32,344.78		( 32,944.78)

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

500-RCDC

16.67% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>NON-PROJECT RELATED</b>					
<b>TAXES</b>					
500-4-90-4000 SALES TAX REVENUE	150,000.00	15,015.57	32,826.81	21.88	117,173.19
TOTAL TAXES	150,000.00	15,015.57	32,826.81	21.88	117,173.19
<b>INVESTMENT INCOME</b>					
500-4-90-4400 INTEREST INCOME	0.00	1,483.23	3,005.10	0.00 (	3,005.10)
500-4-90-4401 INTEREST INCOME - CHECKING	0.00	6.72	12.87	0.00 (	12.87)
TOTAL INVESTMENT INCOME	0.00	1,489.95	3,017.97	0.00 (	3,017.97)
TOTAL NON-PROJECT RELATED	150,000.00	16,505.52	35,844.78	23.90	114,155.22
TOTAL REVENUES	150,000.00	16,505.52	35,844.78	23.90	114,155.22

CITY OF ROLLINGWOOD  
 REVENUE & EXPENSE REPORT (UNAUDITED)  
 AS OF: NOVEMBER 30TH, 2023

Page 256

500-RCDC

16.67% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
<b>ECONOMIC DEVELOPMENT</b>					
<b>OTHER NON-DEPARTMENTAL</b>					
500-5-80-5524 ROLLINGWOOD BUS PROMOTION	15,000.00	0.00	0.00	0.00	15,000.00
500-5-80-5527 COVID-19 RELIEF PROGRAM	0.00	0.00	0.00	0.00	0.00
TOTAL OTHER NON-DEPARTMENTAL	15,000.00	0.00	0.00	0.00	15,000.00
TOTAL ECONOMIC DEVELOPMENT	15,000.00	0.00	0.00	0.00	15,000.00
<b>NON-PROJECT RELATED</b>					
<b>CONTRACTUAL SERVICES</b>					
500-5-90-5275 ADMIN SERVICES AGREEMENT	72,000.00	0.00	0.00	0.00	72,000.00
TOTAL CONTRACTUAL SERVICES	72,000.00	0.00	0.00	0.00	72,000.00
<b>MISCELLANEOUS OTHER EXP</b>					
500-5-90-5380 LEGAL EXPENSES	5,000.00	0.00	0.00	0.00	5,000.00
TOTAL MISCELLANEOUS OTHER EXP	5,000.00	0.00	0.00	0.00	5,000.00
TOTAL NON-PROJECT RELATED	77,000.00	0.00	0.00	0.00	77,000.00
<b>ADDITIONAL NEW PROJECTS</b>					
<b>MISCELLANEOUS OTHER EXP</b>					
500-5-95-5387 MOPAC LEGAL EXPENSES	0.00	0.00	0.00	0.00	0.00
500-5-95-5388 PARK IMPROVEMENT PROJECT	0.00	0.00	0.00	0.00	0.00
500-5-95-5389 COMPREHENSIVE PLAN	0.00	0.00	0.00	0.00	0.00
500-5-95-5390 COMMERCIAL CODES UPDATES COMP	0.00	0.00	0.00	0.00	0.00
500-5-95-5391 MOBILITY, CONNECTIVITY & SAFET	55,000.00	0.00	0.00	0.00	55,000.00
500-5-95-5392 PARK AMENITIES AND PROMOTION	3,600.00	0.00	3,500.00	97.22	100.00
TOTAL MISCELLANEOUS OTHER EXP	58,600.00	0.00	3,500.00	5.97	55,100.00
TOTAL ADDITIONAL NEW PROJECTS	58,600.00	0.00	3,500.00	5.97	55,100.00
TOTAL EXPENDITURES	150,600.00	0.00	3,500.00	2.32	147,100.00
REVENUES OVER/ (UNDER) EXPENDITURES	( 600.00)	16,505.52	32,344.78	( 32,944.78)	



2023-2024

RCDC  
MONTHLY FINANCIAL ANALYSIS

**NOTE: YTD ACTUAL AS OF 11/30/2023; 16.67% OF FISCAL YEAR**

**REVENUE STATUS & COMPARISON TO PRIOR YEAR**

	CURRENT YEAR:			PRIOR YEAR:		CURRENT YR COMPARED TO PY YR
	EST. REVENUE	YTD	PERCENT	YTD		
SALES TAX REVENUE	\$ 200,000	\$ 32,827	16%	\$ 27,750		118%

**BUDGET STATUS & COMPARISON TO PRIOR YEAR**

	CURRENT YEAR:			PRIOR YEAR:		CURRENT YR COMPARED TO PY YR
	BUDGET	YTD	PERCENT	YTD		
<b>ECONOMIC DEVELOPMENT:</b>						
REVENUE	\$ -	\$ -	#DIV/0!	\$ -		#DIV/0!
EXPENDITURES	\$ 15,000	\$ -	0%	\$ -		#DIV/0!
<b>NON-PROJECTED RELATED:</b>						
REVENUE	\$ 150,000	\$ 35,845	24%	\$ 28,473		126%
EXPENDITURES	\$ 77,000	\$ -	0%	\$ -		#DIV/0!
<b>ADDITIONAL NEW PROJECTS:</b>						
REVENUE	\$ -	\$ -	#DIV/0!	\$ -		#DIV/0!
EXPENDITURES	\$ 58,600	\$ 3,500	6%	\$ -		#DIV/0!

<b>RECAP:</b>	CURRENT YEAR:			PRIOR YEAR:		CURRENT YR COMPARED TO PY YR
	BUDGET	YTD	PERCENT	YTD		
REVENUE	\$ 150,000	\$ 35,845	24%	\$ 28,473		126%
EXPENDITURES	\$ 150,600	\$ 3,500	2%	\$ -		#DIV/0!



2601 Forest Creek Dr.  
 Round Rock, TX 78665  
 512-246-1400  
 www.crossroadsus.com

# Invoice 9732

Date: December 8, 2023

**Bill To:**  
 City of Rollingwood  
 403 Nixon Avenue  
 Rollingwood, TX 78746

		Nov-23
		Operations & Maintenance
DESCRIPTION	AMOUNT	
Basic Service	\$	14,915.00
Lift Station	\$	11,451.81
Water Distribution	\$	2,370.63
Wastewater Collection	\$	324.13
Grinder Pump Issues	\$	-
<b>Total</b>	<b>\$</b>	<b>29,061.57</b>

**BILLED - SERVICE ORDER SUMMARY**  
**BILLING CYCLE: NOVEMBER 2023**  
**CITY OF ROLLINGWOOD**

S/O #	SVC DATE	COMP	ADDRESS	NOTES	LABOR	EQUIP	MAT'L	SUBCON	TOTAL
<b>BASIC SERVICE</b>									
405757A	11/29/23	11/29/23	403 NIXON AVENUE	BASIC SERVICE	0.00	0.00	14,915.00	0.00	14,915.00
					<b>BASIC SERVICE SUBTOTAL</b>				
									<b>14,915.00</b>
<b>LIFT STATION</b>									
395743A	08/26/23	11/01/23	CORW - LS6 - PLEASANT COVE	ELEC TECH WORK COMPLETED AT FACILITY. OPERATOR REPORTED PUMPS NOT PUMPING DOWN WET WELL. CHECKED PUMP FUNCTION. I FOUND PUMPS WORKING. PUMPS WERE BLOWING BY DUE TO NOT BEING SEATED PROPERLY.	1,062.66	630.66	0.00	0.00	1,693.32
396989A	09/05/23	11/01/23	CORW - LS1 - DELLANA LN	COMPLETED PREVENTATIVE MAINT AT FACILITY. DID PM CHECKS ON LIFT STATION #1. PULLED PUMPS UP FOR TAG.	135.87	76.34	0.00	0.00	212.21
396990A	09/05/23	11/01/23	CORW - LS2 - HATLEY DR	COMPLETED PREVENTATIVE MAINT AT FACILITY. PM ON LIFT STATION.	262.23	131.94	0.00	0.00	394.17
396991A	09/05/23	11/01/23	CORW - LS3 - ALMARION WAY	COMPLETED PREVENTATIVE MAINT AT FACILITY. PM ON LIFT STATION.	135.87	131.94	0.00	0.00	267.81
396992A	09/05/23	11/01/23	CORW - LS4 - ROCKWAY COVE	COMPLETED PREVENTATIVE MAINT AT FACILITY. PM ON LIFT STATION.	135.87	131.94	0.00	0.00	267.81
396994A	09/05/23	11/01/23	CORW - LS5 - VALE DR	COMPLETED PREVENTATIVE MAINT AT FACILITY. PM ON STATION.	135.87	131.94	0.00	0.00	267.81
396995A	08/29/23	11/01/23	CORW - LS6 - PLEASANT COVE	COMPLETED PREVENTATIVE MAINT AT FACILITY. 08/28/2023 PULL PUMP AND TRI TO RESET PUMP. 08/29/2023 PUMP DOWN WET WELL TO RESET PUMP TO SEAL DISPOSAL LINE.	1,195.17	791.64	0.00	0.00	1,986.81

**BILLED - SERVICE ORDER SUMMARY**  
**BILLING CYCLE: NOVEMBER 2023**  
**CITY OF ROLLINGWOOD**

S/O #	SVC DATE	COMP	ADDRESS	NOTES	LABOR	EQUIP	MAT'L	SUBCON	TOTAL
<b>LIFT STATION</b>									
396996A	09/05/23	11/01/23	CORW - LST - NIXON DRIVE	COMPLETED PREVENTATIVE MAINT AT FACILITY. PM STATION.	262.23	131.94	0.00	0.00	394.17
400466A	10/09/23	11/17/23	CORW - LS3 - ALMARION WAY	SUBCONTRACT WORK COMPLETED AT FACILITY. STATION HAS HEAVY MATTING IN THE WET WELL. CALLED WWTS FOR CLEAN UP.	22.19	14.70	0.00	1,901.87	1,938.76
401259A	10/16/23	11/10/23	CORW - LST - NIXON DRIVE	RMS REPORTED PROBLEM - STATION CALLED OUT FOR HIGH LEVEL - RESPONDED WHILE ROLLINGWOOD RAN PUMPS - LVL MORE MAINTAINED - PUMP 2 CAME OFF AND DIDN'T RESPOND - PUMP 1 UNABLE TO KEEP UP WITH FLOW - TRANSPORT CALLED FOR WET WELL CONTROL	44.37	29.40	0.00	0.00	73.77
401260A	10/17/23	11/17/23	CORW - LST - NIXON DRIVE	SUBCONTRACT WORK COMPLETED AT FACILITY TRANSPORT CALLED TO MAINTAIN LEVEL WHILE MAINTENANCE WORKED TO SET PUMP 2 TO RESPOND.	77.65	51.45	0.00	1,733.48	1,862.58
401262A	10/16/23	11/10/23	CORW - LS2 - HATLEY DR	RMS REPORTED PROBLEM - STATION CALLED OUT FOR PUMP 2 UNABLE TO RUN - RESPONDED AND FOUND PUMP 2 HIGH TEMP ALARM - SET STATION BACK TO RUN OFF FLOATS - UNABLE TO RUN PUMP 2 HAND OR AUTO	116.50	51.45	0.00	0.00	167.95
402326A	10/23/23	11/17/23	CORW - LS1 - DELLANA LN	INSPECTED & CYCLED GENERATOR - GENERATOR HAD FAIL TO START ALARM RAN ON HAND AND GENERATOR STOPPED REST AGAIN - WILL MONITOR FOR NEXT AUTO RUN	49.93	22.05	0.00	0.00	71.98
402783A	10/31/23	11/17/23	CORW - LS4 - ROCKWAY COVE	MET CONTRACTOR AT FACILITY - WWTS AT LIFT STATION FOR EMERGENCY	127.58	73.50	0.00	1,159.79	1,360.87

BILLED - SERVICE ORDER SUMMARY  
 BILLING CYCLE: NOVEMBER 2023  
 CITY OF ROLLINGWOOD

S/O #	SVC DATE	COMP	ADDRESS	NOTES	LABOR	EQUIP	MAT'L	SUBCON	TOTAL
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LIFT STATION

STAND BY. STATION CALLED FOR NO POWER. DUE TO STRUCTURE FIRE IN AREA.

402830A	10/30/23	11/08/23	CORW - LS4 - ROCKWAY COVE	ARRIVED WT ROCK WAY COVE L.S. AND SAW NO POWER. CONTACTED AUSTIN POWER AND CONTACTED WWTs FOR EMERGENCY STANDBY.	33.28	22.05	0.00	0.00	55.33
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403663A	10/30/23	11/20/23	CORW - LS4 - ROCKWAY COVE	POWER FAILURE. MONITORED FACILITY WHILE AE RESTORED POWER.	292.50	0.00	0.00	0.00	292.50
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403921A	11/10/23	11/20/23	CORW - LS4 - ROCKWAY COVE	HIGH LEVEL ALARM, CALLED OUT. CHECKED LS. WAS AT 4.7 LEVEL. WET WELL GOOD. EVERYTHING NORMAL.	99.86	44.10	0.00	0.00	143.96
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LIFT STATION SUBTOTAL 11,451.81

WATER DISTRIBUTION

396542A	09/01/23	11/01/23	4814 ROLLINGWOOD DRIVE	MAINT NEEDED FOR REPAIR. TIGHTENED UP CLAMP SLIGHTLY LEAKING.	88.59	76.34	0.00	0.00	164.93
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399093A	09/27/23	11/01/23	403 NIXON AVENUE	WATER SYSTEM WORK COMPLETE. DID PRESSURE TEST AROUND DISTRICT TO GET READS OF PRESSURE OF SYSTEM TO GE READY FOR METER CHANGE OUT AND TESTED PRESSURE ONCE MASTER METER WAS ISOLATED TO SEE WHICH ARC WILL GET AFFECTED ONCE IT IS ISOLATED.	1,141.79	610.72	0.00	0.00	1,752.51
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400792A	10/22/23	11/03/23	IN DISTRICT ROLLINGWOOD	MET WITH ANTEA FOR QUARTERLY SAMPLES 3210 COUNTRY AND 2503 TIMBERLINE	55.48	29.40	0.00	0.00	84.88
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**BILLED - SERVICE ORDER SUMMARY**  
**BILLING CYCLE: NOVEMBER 2023**  
**CITY OF ROLLINGWOOD**

S/O #	SVC DATE	COMP	ADDRESS	NOTES	LABOR	EQUIP	MAT'L	SUBCON	TOTAL
<b>WATER DISTRIBUTION</b>									
403871A	11/09/23	11/22/23	IN DISTRICT ROLLINGWOOD	SUBCONTRACT WORK COMPLETED AT FACILITY- BAC-T	9.51	0.00	0.00	299.00	308.51
405459A	11/27/23	11/28/23	IN DISTRICT ROLLINGWOOD	BACT SAMPLE	0.00	0.00	0.00	59.80	59.80
					<b>WATER DISTRIBUTION SUBTOTAL</b>				
					<b>2,370.63</b>				

<b>WASTEWATER COLLECTION</b>									
400344A	10/05/23	11/01/23	3160 BEE CAVE RD	CUSTOMER PROBLEM-DISTRICT LINES CLEAR. CUSTOMER SIDE BACKED UP INSIDE BUILDING AND THEY RUN OFF OF SEPTIC FOR FUTURE REFERENCE.	167.72	152.68	3.73	0.00	324.13
					<b>WASTEWATER COLLECTION SUBTOTAL</b>				
					<b>324.13</b>				

LABOR/EQUIPMENT/MATERIAL/SUBCON TOTALS      5,652.72      3,336.18      14,918.73      5,153.94

<b>GRAND TOTAL</b>	<b>29,061.57</b>
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# Crossroads

utility services

2601 Forest Creek Dr  
Round Rock, TX 78665-1232

Statement #: 9732

Page 1

## Statement

**Month:** NOVEMBER 2023  
**Client:** CITY OF ROLLINGWOOD  
**Statement Date:** 12/08/23

<u>Work Category</u>	<u>Amount</u>
BASIC SERVICE	\$14,915.00
LIFT STATION	\$11,451.81
WATER DISTRIBUTION	\$2,370.63
WASTEWATER COLLECTION	\$324.13
<hr/> <hr/>	
<b>Total This Statement:</b>	<b>\$29,061.57</b>
<hr/> <hr/>	

# Invoice for Basic Service

## **Crossroads Utility Services**

2601 Forest Creek Dr.  
Round Rock, TX 78665  
Phone: 281-620-3986  
Fax:

**Client:**  
CITY OF ROLLINGWOOD

**Billing Cycle:**  
NOVEMBER

Operations Fee - Wastewater System	\$8,165.00
Operations Fee - Water System	\$6,750.00
<b>Total BASIC SERVICE</b>	<hr/> <b>\$14,915.00</b>



### Crossroads Utility Services

Inv # 9732-2  
BCycle NOVEMBER 2023  
SvrOrd# 400466  
Page # 1

Invoice Date: 12/08/23 Department: SUB-OPER

District: CITY OF ROLLINGWOOD

Location: CORW - LS3 - ALMARION WAY

Reported By:

Telephone Number:

LIFT STATION

Date Completed: 11/17/23

**Description of Work Performed:**

SUBCONTRACT WORK COMPLETED AT FACILITY- STATION HAS HEAVY MATTING IN THE WET WELL. CALLED WWTS FOR CLEAN UP.

Description	Qty	Price	Amount
<b>Subcontract</b>			
WWTS 11125830	1.00	1,901.8700	1,901.87
<b>Subcontract</b>			<b>1,901.87</b>
		<b>Service Order Total:</b>	<b>1,901.87</b>



**Invoice**  
**11125830**  
 10/19/2023

826 Linger Ln  
 Austin TX 78721  
 (512) 973-8484

**Bill To:**

Crossroads Utility Services  
 2601 Forest Creek Drive  
 Round Rock TX 78665  
 United States

**Service Location:**

CORW Lift Station # 3  
 205 Almarion Way  
 Austin TX 78746  
 United States

Terms	Due Date	PO #	Sales Rep
Net 60	12/27/2023	31576	House

Service Date	Manifest	Quantity	Item	Rate	Amount
10/19/2023			Cleaning lift station to the floor to remove solids, rags, grease, grit, and debris.		
10/19/2023		2.5	Service (hrs): Vactor Truck Unit: 6155	\$185.00	\$462.50
10/19/2023	IM	2.5	Labor (hrs): Vactor Truck Operator	\$60.00	\$150.00
10/19/2023	AG	2.5	Labor (hrs): Additional Personnel/Equipment	\$50.00	\$125.00
10/19/2023			Assist cleaning, by pumping wastewater, offloading Vactor and transportation of waste to disposal site.		
10/19/2023		2.5	Service (hrs): Bobtail Vacuum Truck Unit: 2134	\$125.00	\$312.50
10/19/2023	JL	2.5	Labor (hrs): Vacuum Truck Operator	\$60.00	\$150.00
10/19/2023	1289654 JL ✓	500	Disposal (gal): Wastewater with heavy solids, grease, grit, rags and debris requiring solidification and screening. Austin WW Processing Facility	\$0.48	\$240.00
		1	Environmental & Energy Recovery Fee		\$133.20
		1	Fuel Surcharge		\$80.60

**Pay your bill online at:**

[www.wastewaterts.com](http://www.wastewaterts.com)

Customer ID: 128279

Remit To: 826 Linger Ln, Austin, TX 78721

For more information on fees and surcharges click [here](#).

**Invoice Total** \$1,653.80

**Invoice Balance** \$1,653.80

Thank you for doing business with us!  
 We know the world is full of choices.  
 Thanks for choosing us!

### Crossroads Utility Services

Inv # 9732-3  
BCycle NOVEMBER 2023  
SvrOrd# 401260  
Page # 1

Invoice Date: 12/08/23 Department: SUB-OPER

District: CITY OF ROLLINGWOOD

Location: CORW - LS7 - NIXON DRIVE

Reported By:

Telephone Number:

LIFT STATION

Date Completed: 11/17/23

**Description of Work Performed:**

SUBCONTRACT WORK COMPLETED AT FACILITY TRANSPORT CALLED TO MAINTAIN LEVEL WHILE MAINTENANCE WORKED TO SET PUMP 2 TO RESPOND.

Description	Qty	Price	Amount
<b>Subcontract</b>			
WWTS 11125748	1.00	1,733.4755	1,733.48
<b>Subcontract</b>			<b>1,733.48</b>
		<b>Service Order Total:</b>	<b>1,733.48</b>

# Invoice

## 11125748

10/16/2023



826 Linger Ln  
Austin TX 78721  
(512) 973-8484

**Bill To:**

Crossroads Utility Services  
2601 Forest Creek Drive  
Round Rock TX 78665  
United States

**Service Location:**

CORW Lift Station # 7  
312 Nixon Drive  
Rollingwood TX 78746  
United States

Terms	Due Date	PO #	Sales Rep
Net 60	12/23/2023	31706	House

Service Date	Manifest	Quantity	Item	Rate	Amount
10/16/2023	1287684 BC ✓	5.5	Hours Unit 2013 - Bobtail Vacuum Truck: Emergency service for pumping wastewater as needed to maintain flow level during repairs with transportation for off-site disposal. (10:30 AM - 4:00 PM)	\$225.00	\$1,237.50
10/16/2023		1,500	Gallons of Raw Sewage Disposal Site: Austin WW Processing Facility	\$0.05	\$75.00
		1	Environmental & Energy Recovery Fee		\$121.41
		1	Fuel Surcharge		\$73.46

**Pay your bill online at:**

[www.wastewaterts.com](http://www.wastewaterts.com)

Customer ID: 132875

Remit To: 826 Linger Ln, Austin, TX 78721

For more information on fees and surcharges click [here](#).

**Invoice Total** \$1,507.37

**Invoice Balance** \$1,507.37

Thank you for doing business with us!  
We know the world is full of choices.  
Thanks for choosing us!

### Crossroads Utility Services

Inv # 9732-4  
BCycle NOVEMBER 2023  
SvrOrd# 402783  
Page # 1

Invoice Date: 12/08/23 Department: FACILITIES

District: CITY OF ROLLINGWOOD

Location: CORW - LS4 - ROCKWAY COVE

Reported By:

Telephone Number:

LIFT STATION

Date Completed: 11/17/23

**Description of Work Performed:**

MET CONTRACTOR AT FACILITY - WWTS AT LIFT STATION FOR EMERGENCY STAND BY.  
STATION CALLED FOR NO POWER. DUE TO STRUCTURE FIRE IN AREA.

Description	Qty	Price	Amount
<b>Subcontract</b>			
WWTS 11125941	1.00	1,159.7865	1,159.79
<b>Subcontract</b>			<b>1,159.79</b>
		<b>Service Order Total:</b>	<b>1,159.79</b>



Invoice  
11125941  
10/30/2023

826 Linger Ln  
Austin TX 78721  
(512) 973-8484

<b>Bill To:</b>	<b>Service Location:</b>
Crossroads Utility Services 2601 Forest Creek Drive Round Rock TX 78665 United States	CORW Lift Station # 4 7 Rock Way Cove Rollingwood TX 78746 United States

<b>Terms</b>	<b>Due Date</b>	<b>PO #</b>	<b>Sales Rep</b>
Net 60	1/6/2024	31950	House

Service Date	Manifest	Quantity	Item	Rate	Amount
10/30/2023	BC	3	Hours Unit 2013 - Bobtail Vacuum Truck: Emergency service for pumping wastewater as needed to maintain flow level during power outage with transportation for off-site disposal. (3:15 PM - 6:15 PM)	\$225.00	\$675.00
10/30/2023	BC	1.25	Hours - Overtime/Emergency Service Charge (5:00 PM - 6:15 PM)	\$112.50	\$140.63
10/30/2023	1288963 BC ✓	1,250	Gallons of Raw Sewage Disposal Site: Austin WW Processing Facility	\$0.05	\$62.50
		1	Environmental & Energy Recovery Fee		\$81.23
		1	Fuel Surcharge		\$49.15

**Pay your bill online at:**

[www.wastewaterts.com](http://www.wastewaterts.com)

Customer ID: 132874

**Remit To: 826 Linger Ln, Austin, TX 78721**

For more information on fees and surcharges click [here](#).

**Invoice Total** \$1,008.51

**Invoice Balance** \$1,008.51

Thank you for doing business with us!  
We know the world is full of choices.  
Thanks for choosing us!

### Crossroads Utility Services

Inv # 9732-5  
BCycle NOVEMBER 2023  
SvrOrd# 403871  
Page # 1

Invoice Date: 12/08/23 Department: SUB-OPER

District: CITY OF ROLLINGWOOD

Location: IN DISTRICT ROLLINGWOOD

Reported By:

Telephone Number:

WATER DISTRIBUTION

Date Completed: 11/22/23

**Description of Work Performed:**

SUBCONTRACT WORK COMPLETED AT FACILITY- BAC-T

Description	Qty	Price	Amount
<b>Subcontract</b>			
AQUA TECH 67322	1.00	299.0000	299.00
			<b>299.00</b>
		<b>Service Order Total:</b>	<b>299.00</b>



635 Phil Gramm Blvd., Bryan TX 77807  
 P: (979)778-3707, F: (979)778-3193  
 email: [accounting@aquatechlabs.com](mailto:accounting@aquatechlabs.com)

# Invoice

Invoice Number: 67322  
 Invoice Date: 10/29/2023

Bill To:	Comments:
Crossroads Utility Service 2601 Forest Creek Dr. ROUND ROCK, TX 78665-1232	September 2023 Analysis Rollingwood

Customer ID	Customer PO	Payment Terms	Due Date	Discount
Crossroads Utility Service	*	NET 30 Days	11/28/2023	

Quantity	Item ID & Matrix	Description (see key below)	Unit Price	Amount
3	A Total Coliform DW	Total Coliform SM 9223 [NEL]	26.00	78.00
1	A Weekend Work ...	Weekend Work Fee	182.00	182.00

Due to the increase in operational costs, Aqua-Tech Laboratories will be implementing a price increase. The new price list will be effective August 1, 2023. Aqua-Tech values you as a customer and encourages you to communicate concerns with the accounting staff at 979-778-3707 ext. 4 or [accounting@aquatechlabs.com](mailto:accounting@aquatechlabs.com).

Location: A-Austin Laboratory Parameter (all others through Bryan Laboratory)  
 Matrix Codes: NP-Non Potable Water, DW-Drinking Water, SL-Solid  
 NEL-NELAC Accredited, SUB-Subcontracted, INF-Informational (not certified)  
 DWP-Accredited through the TCEQ DW Commercial Lab Approval Program  
 ANR-Accreditation Not Required

Total Invoice Amount	\$260.00
Payments/Credits Applied	\$0.00
<b>TOTAL</b>	<b>\$260.00</b>

Empty sample containers, which may contain site references, will be bagged and disposed via municipal waste collection.

Go paperless! If you prefer to have your invoices e-mailed, please send a request to [accounting@aquatechlabs.com](mailto:accounting@aquatechlabs.com) and we will make the change for you.  
 Thank you for your business!



### Crossroads Utility Services

Inv # 9732-6  
BCycle NOVEMBER 2023  
SvrOrd# 405459  
Page # 1

Invoice Date: 12/08/23 Department: SUB-OPER

District: CITY OF ROLLINGWOOD

Location: IN DISTRICT ROLLINGWOOD

Reported By:

Telephone Number:

Date Completed: 11/28/23

WATER DISTRIBUTION

Description of Work Performed:

BACT SAMPLE

Description	Qty	Price	Amount
<b>Subcontract</b>			
AQUA TECH 67890	1.00	59.8000	59.80
<b>Subcontract</b>			<b>59.80</b>
		<b>Service Order Total:</b>	<b>59.80</b>



635 Phil Gramm Blvd., Bryan TX 77807  
 P: (979)778-3707, F: (979)778-3193  
 email: [accounting@aquatechlabs.com](mailto:accounting@aquatechlabs.com)

# Invoice

Invoice Number: 67890  
 Invoice Date: 11/22/2023

Bill To:	Comments:
Crossroads Utility Service 2601 Forest Creek Dr. ROUND ROCK, TX 78665-1232	October 2023 Analysis Rollingwood

Customer ID	Customer PO	Payment Terms	Due Date	Discount
Crossroads Utility Service	*	NET 30 Days	12/22/2023	

Quantity	Item ID & Matrix	Description (see key below)	Unit Price	Amount
2	A Total Coliform DW	Total Coliform SM 9223 [NEL]	26.00	52.00

Location: A-Austin Laboratory Parameter (all others through Bryan Laboratory)  
 Matrix Codes: NP-Non Potable Water, DW-Drinking Water, SL-Solid  
 NEL-NELAC Accredited, SUB-Subcontracted, INF-Informational (not certified)  
 DWP-Accredited through the TCEQ DW Commercial Lab Approval Program  
 ANR-Accreditation Not Required

Total Invoice Amount	\$52.00
Payments/Credits Applied	\$0.00
<b>TOTAL</b>	<b>\$52.00</b>

Empty sample containers, which may contain site references, will be bagged and disposed via municipal waste collection.

Go paperless! If you prefer to have your invoices e-mailed, please send a request to [accounting@aquatechlabs.com](mailto:accounting@aquatechlabs.com) and we will make the change for you.  
 Thank you for your business!



City of Rollingwood  
ATTN: Ashley Wayman  
403 Nixon  
Rollingwood, Texas 78746

Invoice Date 12/14/23  
Invoice No. 2311072

<b>KFA Project No.</b>	<b>Project Name:</b>	<b>Current Invoice Amount</b>	<b>Period Covered</b>
0764	Rollingwood General Engineering Services	\$ 20,922.50	November 2023
	<b>Total this Invoice</b>	<b>\$ 20,922.50</b>	



1120 S. Capital of TX Hwy, CityView 2, Suite 100  
 Austin, Texas 78746  
 P: 512.338.1704  
 TBPE Firm No. 6535

## CITY OF ROLLINGWOOD MONTHLY ENGINEERING REPORT December 13, 2023

Includes Activities and Services from November 1, 2023 to November 30, 2023

### 1. Site Development Plans (Drainage) and RSDP Review

#### a. Drainage Plan Reviews

KFA Task No.	Project Address	Status	Date Returned
386	3 Grove Ct	Review #1 – Approved	11/15/2023
404	6 Timberline Ridge	Review #1 – Comments Returned	11/20/2023
405	302 Inwood	Review #2 – Approved	11/9/2023
415	4809 Timberline Dr	Review #3 – Approved	11/7/2023
416	6 Pleasant Cove	Review #1 – Comments Returned	11/30/2023
417	201 Vale Street	Review #4 – Comments Returned	11/16/2023
418	2506 Timberline	Review #3 – Approved	11/29/2023
405	302 Inwood	Review #2 – Approved	11/9/2023
425	4801 Rollingwood Drive	Review #1 – Comments Returned	11/1/2023
426	3019 Hatley	Review #1 – Comments Returned	11/2/2023
427	4911 Rollingwood	Review #1 – Comments Returned	11/15/2023

#### b. Residential Stormwater Discharge Permit (RSDP)

KFA Task No.	Project Address	Status	Date Returned
-	-	-	-

#### c. Drainage Plan Inspections

KFA Task No.	Project Address	Status	Date Returned
348	3225 Park Hills Dr	Observation #1	11/30/2023

City of Rollingwood  
Engineer’s Monthly Report  
November 30, 2023  
Page 2 of 5

**2. Zoning Reviews for Site Development Plans**

KFA Task No.	Project Address	Status	Date Returned
644	3202 Pickwick Lane	Landscape Revision #1	11/30/2023
666	3 Grove Ct	Review #1 – Comments Returned Review #2 – Submittal Received, In Review	11/15/2023 -
688	6 Timberline Ridge	Revision Comments Returned	11/20/2023
696	4824 Rollingwood Dr	Revision Comments Returned	11/9/2023
697	4809 Timberline Dr	Review #3 – Complete	11/8/2023
698	6 Pleasant Cove	Review #1 – Comments Returned	11/30/2023
700	2506 Timberline	Review #2 – Comments Returned Review #3 – Submittal Received, In Review	11/1/2023 -
706	4801 Rollingwood Dr	Review #1 – Comments Returned	11/3/2023
707	3019 Hatley	Review #1 – Comments Returned	11/3/2023
708	4911 Rollingwood	Review #1 – Comments Returned	11/15/2023
709	3209 Gentry	Review #1 – Comments Returned	11/21/2023
710	401 Inwood	Review #1 – Submittal Received, in Review	-
711	3012 Bee Cave	Review #1 – Submittal Received, in Review	-

**3. Plat Reviews**

KFA Task No.	Project Address	Status	Date Returned
-	-	-	-

**4. Right-of-Way Reviews**

KFA Task No.	Project Address	Status	Date Returned
947	302 Inwood	Received Submittal – In Review	11/14/23
948	5000 Timberline Drive	Review #2 – approved	11/27/2023
949	201 Vale	Review #2 – approved	11/30/2023

City of Rollingwood  
 Engineer's Monthly Report  
 November 30, 2023  
 Page 3 of 5

**5. Work Authorization Project Updates**

Project	Project Summary	Status	Next steps
WA03 Hubbard, Hatley, Drainage Improvements PS&E	Preparation of plans, specifications and estimates for the development of a construction bid package. Option 2 from the PER has been selected as the preferred option which proposes to construct a storm drain system from the creek at Almarion Way extending upstream to Hatley, Hubbard and Pickwick.	Bidding 9/14/2023 as Alternate 1 with the Water Bond Bid Package.  Survey working on easement exhibit and metes and bounds is in progress.  Finalizing easement documents and negotiations.	Finalize agreements on proposed easements.  Advertised for bidding 9/14/2023.  Coordinate gas line relocations with Texas Gas.
WA04 Nixon/Pleasant Drainage Improvements PS&E	Preparation of plans, specifications and estimates for the development of a construction bid package. This will include channel improvements and Segment 1 of the storm sewer improvements.	Bidding 9/14/2023 as Alternate 2 with the Water Bond Bid Package.  A survey working on easement exhibit and metes and bounds is in progress.  Landscape changes will be issued as an Addendum during bidding to capture the remaining design changes.	Finalize agreements on proposed easements.  Advertised for bidding 9/14/2023.  Coordinate gas line relocations with Texas Gas.
WA07 Water CIP Bond Program – Packages 1-4	Residents of Rollingwood approved Bond Proposition A, a \$5.3MM bond to fund improvements to the city's water system as identified in the city's Water Capital Improvements Plan (CIP).	Bidding 9/14/2023 with bid alternates with Hubbard/Hatley and Nixon/Pleasant.	Advertised for bidding 9/14/2023.

City of Rollingwood  
 Engineer's Monthly Report  
 November 30, 2023  
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**6. General Engineering Services**

Task	Assignment Summary	Status	Next steps
General	Coordination with City staff regarding on-going development review services, engineering services, monthly report preparation and attendance of meetings at City's request.	On-Going.  Bi-weekly meetings.  City timeline of recurring activities.	Regular recurring activities.
Development Services	Coordination with City staff regarding on-going development services, MyPermitNow Support, and meeting with staff and applicants as requested.	Building and development services and coordination with staff.  MyPermitNow (MPN) support and coordination with Development Services Manager.	Continued coordination and support.
Water/Wastewater System Modeling & Mapping Updates	Data gathering and review of water/wastewater system infrastructure mapping.  Develop/update wastewater and water system model updates to evaluate current and future system capacity needs.  Utilize model to plan for infrastructure repairs, upgrades, and future growth needs.	None.	Updating models as needed.
Water/Wastewater System	Coordination/support with Crossroads regarding infrastructure such as valves, pressure planes, and infrastructure.	None.	Continue coordination to support mapping and KFA modeling efforts.
GIS	KFA to send quarterly updates for the City GIS layers.	On-going  GIS exhibits and mapping updates as requested.	GIS exhibits and mapping updates as needed.
MS4 Compliance	Coordination with City staff on compliance with the Storm Water Management Permit for the 2022 calendar year.	On-going  Continue coordination and compliance efforts for permit compliance.	Continue compliance coordination for 2023.

City of Rollingwood  
Engineer's Monthly Report  
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Task	Assignment Summary	Status	Next steps
City of Austin Atlas 14 Floodplain Update	The City of Austin has begun a five-year effort to update floodplain maps in the Austin area. The maps are being updated with Atlas 14 rainfall data.	KFA attended COA informational virtual public meeting over Zoom.  Eanes Creek likely to be restudied. It is likely to lead to a floodplain increase, which will impact properties along the creeks.	Continue to monitor progress

Regards,

K Friese + Associates, Inc.





**K Friese & Associates, LLC**  
**1120 South Capital of Texas Highway**  
**CityView 2, Suite 100**  
**Austin, Texas 78746**  
**(512) 338-1704**

December 13, 2023  
 Project No: 0764  
 Invoice No: 2311072

Ashley Wayman  
 City of Rollingwood  
 403 Nixon  
 Rollingwood, TX 78746

Project 0764 Rollingwood General Engineering Services

**Professional Services from November 1, 2023 to November 30, 2023**

Task 100 General Engineering

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Aguilar, Javier	1.00	105.00	105.00	
Blackburn, Gregory	.50	185.00	92.50	
Brandon, Bernard	4.00	210.00	840.00	
Hernandez, Aldo	.50	150.00	75.00	
Totals	6.00		1,112.50	
<b>Total Labor</b>				<b>1,112.50</b>
				<b>Total this Task \$1,112.50</b>

Task 101 Development Services

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Brandon, Bernard	5.00	210.00	1,050.00	
Gaston, Theresa	1.50	180.00	270.00	
Rodriguez, Zane	17.00	110.00	1,870.00	
Totals	23.50		3,190.00	
<b>Total Labor</b>				<b>3,190.00</b>
				<b>Total this Task \$3,190.00</b>

Task 102 Water

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Ballard, Anna	10.50	110.00	1,155.00	
Blackburn, Gregory	8.50	185.00	1,572.50	
Murphy, Dale	3.50	210.00	735.00	
Totals	22.50		3,462.50	
<b>Total Labor</b>				<b>3,462.50</b>
				<b>Total this Task \$3,462.50</b>

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Ballard, Anna	3.00	110.00	330.00
Brandon, Bernard	1.00	210.00	210.00
Totals	4.00		540.00
<b>Total Labor</b>			<b>540.00</b>
<b>Total this Task</b>			<b>\$540.00</b>

Task 106 Drainage

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Salinas, Abelardo	.50	285.00	142.50
Totals	.50		142.50
<b>Total Labor</b>			<b>142.50</b>
<b>Total this Task</b>			<b>\$142.50</b>

Task 109 Zoning Consulting

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	1.50	180.00	270.00
Rodriguez, Zane	.50	110.00	55.00
Totals	2.00		325.00
<b>Total Labor</b>			<b>325.00</b>
<b>Total this Task</b>			<b>\$325.00</b>

Task 348 DR-3225 Park Hills Drive

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	1.00	210.00	210.00
Wissel, Suzanne	3.00	110.00	330.00
Totals	4.00		540.00
<b>Total Labor</b>			<b>540.00</b>
<b>Total this Task</b>			<b>\$540.00</b>

Task 352 DR-601 Riley

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	.50	210.00	105.00
Totals	.50		105.00
<b>Total Labor</b>			<b>105.00</b>
<b>Total this Task</b>			<b>\$105.00</b>

Task 360 DR-3202 Pickwick Lane

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	1.00	210.00	210.00
Hernandez, Aldo	1.75	150.00	262.50
Totals	2.75		472.50
<b>Total Labor</b>			<b>472.50</b>
<b>Total this Task</b>			<b>\$472.50</b>

Task 386 DR- 3 Grove Ct

Professional Personnel

	Hours	Rate	Amount	
Brandon, Bernard	.50	210.00	105.00	
Hernandez, Aldo	2.25	150.00	337.50	
Totals	2.75		442.50	
<b>Total Labor</b>				<b>442.50</b>
				<b>Total this Task \$442.50</b>

Task 404 DR - 6 Timberline Ridge

Professional Personnel

	Hours	Rate	Amount	
Brandon, Bernard	1.75	210.00	367.50	
Hernandez, Aldo	1.75	150.00	262.50	
Totals	3.50		630.00	
<b>Total Labor</b>				<b>630.00</b>
				<b>Total this Task \$630.00</b>

Task 405 DR - 302 Inwood

Professional Personnel

	Hours	Rate	Amount	
Brandon, Bernard	.50	210.00	105.00	
Hernandez, Aldo	1.00	150.00	150.00	
Totals	1.50		255.00	
<b>Total Labor</b>				<b>255.00</b>
				<b>Total this Task \$255.00</b>

Task 415 DR- 4809 Timberline Drive

Professional Personnel

	Hours	Rate	Amount	
Hernandez, Aldo	1.00	150.00	150.00	
Totals	1.00		150.00	
<b>Total Labor</b>				<b>150.00</b>
				<b>Total this Task \$150.00</b>

Task 416 DR - 6 Pleasant Cove

Professional Personnel

	Hours	Rate	Amount	
Brandon, Bernard	1.75	210.00	367.50	
Hernandez, Aldo	3.25	150.00	487.50	
Totals	5.00		855.00	
<b>Total Labor</b>				<b>855.00</b>
				<b>Total this Task \$855.00</b>

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Hernandez, Aldo	1.00	150.00	150.00
Totals	1.00		150.00
<b>Total Labor</b>			<b>150.00</b>
<b>Total this Task</b>			<b>\$150.00</b>

Task 418 DR - 2506 Timberline [New Pool]

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	1.50	210.00	315.00
Hernandez, Aldo	2.50	150.00	375.00
Totals	4.00		690.00
<b>Total Labor</b>			<b>690.00</b>
<b>Total this Task</b>			<b>\$690.00</b>

Task 421 DR - 302 Inwood [New Pool]

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	.50	210.00	105.00
Totals	.50		105.00
<b>Total Labor</b>			<b>105.00</b>
<b>Total this Task</b>			<b>\$105.00</b>

Task 425 DR - 4801 Rollingwood Drive

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	.50	210.00	105.00
Totals	.50		105.00
<b>Total Labor</b>			<b>105.00</b>
<b>Total this Task</b>			<b>\$105.00</b>

Task 426 DR - 3019 Hatley

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	.50	210.00	105.00
Totals	.50		105.00
<b>Total Labor</b>			<b>105.00</b>
<b>Total this Task</b>			<b>\$105.00</b>

Task 427 DR - 4911 Rollingwood

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	.50	210.00	105.00
Hernandez, Aldo	5.00	150.00	750.00
Totals	5.50		855.00
<b>Total Labor</b>			<b>855.00</b>
<b>Total this Task</b>			<b>\$855.00</b>

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Brandon, Bernard	1.00	210.00	210.00	
Hernandez, Aldo	3.50	150.00	525.00	
Totals	4.50		735.00	
<b>Total Labor</b>				<b>735.00</b>
				<b>Total this Task \$735.00</b>

Task 429 DR - 401 Inwood

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Brandon, Bernard	1.00	210.00	210.00	
Hernandez, Aldo	3.75	150.00	562.50	
Totals	4.75		772.50	
<b>Total Labor</b>				<b>772.50</b>
				<b>Total this Task \$772.50</b>

Task 605 ZR-4824 Timberline

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Rodriquez, Zane	.75	110.00	82.50	
Totals	.75		82.50	
<b>Total Labor</b>				<b>82.50</b>
				<b>Total this Task \$82.50</b>

Task 644 ZR-3202 Pickwick Lane

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Gaston, Theresa	1.25	180.00	225.00	
Rodriquez, Zane	1.50	110.00	165.00	
Totals	2.75		390.00	
<b>Total Labor</b>				<b>390.00</b>
				<b>Total this Task \$390.00</b>

Task 666 ZR- 3 Grove Ct

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Gaston, Theresa	1.50	180.00	270.00	
Rodriquez, Zane	3.25	110.00	357.50	
Totals	4.75		627.50	
<b>Total Labor</b>				<b>627.50</b>
				<b>Total this Task \$627.50</b>

Task 688 ZR - 6 Timberline Ridge

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Gaston, Theresa	.25	180.00	45.00	
Rodriquez, Zane	2.00	110.00	220.00	
Totals	2.25		265.00	
<b>Total Labor</b>				<b>265.00</b>
				<b>Total this Task \$265.00</b>

Task 696 ZR - 4824 Rollingwood Dr [Pool]

Professional Personnel

	Hours	Rate	Amount
Gaston, Theresa	.25	180.00	45.00
Totals	.25		45.00
<b>Total Labor</b>			<b>45.00</b>
<b>Total this Task</b>			<b>\$45.00</b>

Task 697 ZR - 4809 Timberline Dr [New Res]

Professional Personnel

	Hours	Rate	Amount
Gaston, Theresa	1.50	180.00	270.00
Rodriquez, Zane	.75	110.00	82.50
Totals	2.25		352.50
<b>Total Labor</b>			<b>352.50</b>
<b>Total this Task</b>			<b>\$352.50</b>

Task 698 ZR - 6 Pleasant Cove [New Pool]

Professional Personnel

	Hours	Rate	Amount
Gaston, Theresa	1.00	180.00	180.00
Totals	1.00		180.00
<b>Total Labor</b>			<b>180.00</b>
<b>Total this Task</b>			<b>\$180.00</b>

Task 699 ZR - 201 Vale [New Res]

Professional Personnel

	Hours	Rate	Amount
Rodriquez, Zane	.75	110.00	82.50
Totals	.75		82.50
<b>Total Labor</b>			<b>82.50</b>
<b>Total this Task</b>			<b>\$82.50</b>

Task 700 ZR - 2506 Timberline [New Pool]

Professional Personnel

	Hours	Rate	Amount
Gaston, Theresa	2.75	180.00	495.00
Rodriquez, Zane	.50	110.00	55.00
Totals	3.25		550.00
<b>Total Labor</b>			<b>550.00</b>
<b>Total this Task</b>			<b>\$550.00</b>

Task 706 ZR - 4801 Rollingwood Drive

Professional Personnel

	Hours	Rate	Amount
Gaston, Theresa	2.25	180.00	405.00
Totals	2.25		405.00
<b>Total Labor</b>			<b>405.00</b>
<b>Total this Task</b>			<b>\$405.00</b>

Task 707 ZR - 3019 Hatley

Professional Personnel

	Hours	Rate	Amount	
Gaston, Theresa	3.25	180.00	585.00	
Totals	3.25		585.00	
<b>Total Labor</b>				<b>585.00</b>
				<b>Total this Task \$585.00</b>

Task 708 ZR - 4911 Rollingwood

Professional Personnel

	Hours	Rate	Amount	
Brandon, Bernard	.50	210.00	105.00	
Gaston, Theresa	1.25	180.00	225.00	
Rodriquez, Zane	1.00	110.00	110.00	
Totals	2.75		440.00	
<b>Total Labor</b>				<b>440.00</b>
				<b>Total this Task \$440.00</b>

Task 709 ZR - 3209 Gentry

Professional Personnel

	Hours	Rate	Amount	
Gaston, Theresa	1.50	180.00	270.00	
Rodriquez, Zane	.75	110.00	82.50	
Totals	2.25		352.50	
<b>Total Labor</b>				<b>352.50</b>
				<b>Total this Task \$352.50</b>

Task 947 ROW - 302 Inwood

Professional Personnel

	Hours	Rate	Amount	
Brandon, Bernard	.50	210.00	105.00	
Hernandez, Aldo	.75	150.00	112.50	
Totals	1.25		217.50	
<b>Total Labor</b>				<b>217.50</b>
				<b>Total this Task \$217.50</b>

Task 948 ROW - 5000 Timberline

Professional Personnel

	Hours	Rate	Amount	
Brandon, Bernard	1.00	210.00	210.00	
Hernandez, Aldo	.50	150.00	75.00	
Totals	1.50		285.00	
<b>Total Labor</b>				<b>285.00</b>
				<b>Total this Task \$285.00</b>

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	1.00	210.00	210.00
Hernandez, Aldo	.75	150.00	112.50
Totals	1.75		322.50
<b>Total Labor</b>			<b>322.50</b>

Total this Task **\$322.50**

**Total this Invoice \$20,922.50**

	<b>Current</b>	<b>Prior</b>	<b>Total</b>
<b>Billings to Date</b>	<b>20,922.50</b>	<b>826,319.60</b>	<b>847,242.10</b>

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
2310039	11/8/2023	14,970.00
<b>Total</b>		<b>14,970.00</b>



# Billing Backup

K Friese & Associates, LLC

Invoice 2311072

Project 0764 Rollingwood General Engineering Services

Task 100 General Engineering

### Professional Personnel

		Hours	Rate	Amount
Aguilar, Javier	11/27/2023	1.00	105.00	105.00
Invoicing				
Blackburn, Gregory	11/29/2023	.50	185.00	92.50
Edgegrove property floodplain discussion				
Brandon, Bernard	11/7/2023	1.50	210.00	315.00
Reviewed invoices and prepared progress report				
Brandon, Bernard	11/8/2023	1.00	210.00	210.00
KFA/Rollingwood Bi-weekly Meeting				
Prepared report for City Council				
Brandon, Bernard	11/9/2023	1.00	210.00	210.00
Accepted for construction language to be added to sealed plans				
Brandon, Bernard	11/29/2023	.50	210.00	105.00
Responses to emails. Coordination of meeting for comment responses.				
Hernandez, Aldo	11/1/2023	.25	150.00	37.50
process for combining zoning and drainage responses and comments with brandon,				
Hernandez, Aldo	11/28/2023	.25	150.00	37.50
coordination with bernard, new approval block and approvals				
Totals		6.00		1,112.50
<b>Total Labor</b>				<b>1,112.50</b>
<b>Total this Task</b>				<b>\$1,112.50</b>

Task 101 Development Services

### Professional Personnel

		Hours	Rate	Amount
Brandon, Bernard	11/21/2023	1.00	210.00	210.00
General PM Duties				
Brandon, Bernard	11/22/2023	1.00	210.00	210.00
Bi-weekly Progress Report				
Brandon, Bernard	11/28/2023	2.50	210.00	525.00
Task 429 - 401 Inwood Review 1 (1-hr)				
Update Progress Report for Invoicing				
KFA Internal meeting to discuss services on invoices				
Brandon, Bernard	11/30/2023	.50	210.00	105.00
Meeting to discuss services on invoices				
Gaston, Theresa	11/22/2023	.25	180.00	45.00
Discussion w/ENG				
Gaston, Theresa	11/27/2023	.25	180.00	45.00
Correspondence follow-up w/city				
Gaston, Theresa	11/30/2023	1.00	180.00	180.00
Monthly reporting updatesConformance stamp update procedure				
Rodriquez, Zane	11/1/2023	1.00	110.00	110.00
General coordination of review for engineering and zoning				
Rodriquez, Zane	11/2/2023	.75	110.00	82.50
General coordination of review for engineering and zoning				
Rodriquez, Zane	11/3/2023	.50	110.00	55.00
General coordination of review for engineering and zoning				

Rodriquez, Zane	11/7/2023	1.25	110.00	137.50	
General organization of reivevs for engineering and zoning					
Rodriquez, Zane	11/8/2023	2.00	110.00	220.00	
General organization of reivevs for engineering and zoning and bi-weekly meeting					
Rodriquez, Zane	11/9/2023	.75	110.00	82.50	
General organization of reivevs for engineering and zoning					
Rodriquez, Zane	11/13/2023	.75	110.00	82.50	
General coordination of engineering and zoning reviews					
Rodriquez, Zane	11/14/2023	1.75	110.00	192.50	
General coordination of engineering and zoning reviews and creation of engineering/zoning compliance note					
Rodriquez, Zane	11/15/2023	1.00	110.00	110.00	
General coordination of engineering and zoning reviews					
Rodriquez, Zane	11/16/2023	.75	110.00	82.50	
General coordination of engineering and zoning reviews					
Rodriquez, Zane	11/20/2023	1.00	110.00	110.00	
General coordination for engineering and zoning review					
Rodriquez, Zane	11/21/2023	1.50	110.00	165.00	
General coordination for engineering and zoning review					
Rodriquez, Zane	11/29/2023	4.00	110.00	440.00	
Task #s not ready: 3012 Bee Cave 2.25 (711). 401 Inwood 1.75 (710).					
Totals		23.50		3,190.00	
<b>Total Labor</b>					<b>3,190.00</b>
				<b>Total this Task</b>	<b>\$3,190.00</b>

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Task	102	Water			
<b>Professional Personnel</b>					
			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Ballard, Anna	11/7/2023		3.00	110.00	330.00
Meeting with city and fire department; Valve locations mapping					
Ballard, Anna	11/9/2023		2.00	110.00	220.00
Hydrant data/ GIS for WLH FD					
Ballard, Anna	11/11/2023		2.00	110.00	220.00
Fire flow documents					
Ballard, Anna	11/14/2023		1.50	110.00	165.00
Fire flow docs					
Ballard, Anna	11/17/2023		2.00	110.00	220.00
Park irrigation write-up					
Blackburn, Gregory	11/2/2023		1.00	185.00	185.00
Fire flow issues, exhibits, coordination with City					
Blackburn, Gregory	11/7/2023		2.50	185.00	462.50
Fire flow issue meeting with City, and meeting prep					
Blackburn, Gregory	11/8/2023		1.00	185.00	185.00
File sharing memo for City Council					
Blackburn, Gregory	11/15/2023		2.50	185.00	462.50
City council meeting and preparation					
Blackburn, Gregory	11/21/2023		1.50	185.00	277.50
Dial scope meeting with City					
Murphy, Dale	11/7/2023		3.00	210.00	630.00
Mtg with City and Fire about water system and pressures					
Murphy, Dale	11/17/2023		.50	210.00	105.00
Water System - Model					
Totals			22.50		3,462.50
<b>Total Labor</b>					<b>3,462.50</b>

**Total this Task \$3,462.50**

Task 105 MS4

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Ballard, Anna	11/3/2023		3.00	110.00	330.00
	MS4 meetings, documents				
Brandon, Bernard	11/2/2023		1.00	210.00	210.00
	Meetings with Victoria/Ashley to discuss 2023 MS4 Compliance				
	Totals		4.00		540.00
	<b>Total Labor</b>				<b>540.00</b>

**Total this Task \$540.00**

Task 106 Drainage

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Salinas, Abelardo	11/29/2023		.50	285.00	142.50
	Capital projects construction staging area meeting				
	Totals		.50		142.50
	<b>Total Labor</b>				<b>142.50</b>

**Total this Task \$142.50**

Task 109 Zoning Consulting

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	11/2/2023		1.25	180.00	225.00
	Zoning info regarding general consulting items:1) outdoor game/sports courts2) storm shelter				
Gaston, Theresa	11/30/2023		.25	180.00	45.00
	Correspondence w/city re corner lots & driveway locations				
Rodriguez, Zane	11/29/2023		.50	110.00	55.00
	Corner lot driveway question				
	Totals		2.00		325.00
	<b>Total Labor</b>				<b>325.00</b>

**Total this Task \$325.00**

Task 348 DR-3225 Park Hills Drive

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	11/29/2023		1.00	210.00	210.00
	Drainage Observation Report Review				
Wissel, Suzanne	11/29/2023		3.00	110.00	330.00
	Site inspection with report and correspondence.				
	Totals		4.00		540.00
	<b>Total Labor</b>				<b>540.00</b>

**Total this Task \$540.00**

Task 352 DR-601 Riley

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/1/2023	.50	210.00	105.00
Communication w/ Suzanne regarding updated plans signed by EOR				
Totals		.50		105.00
<b>Total Labor</b>				<b>105.00</b>

**Total this Task \$105.00**

Task 360 DR-3202 Pickwick Lane

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/28/2023	1.00	210.00	210.00
Revision 2 QC and acceptance letter				
Hernandez, Aldo	11/27/2023	1.75	150.00	262.50
review, coordination with bernard and zane				
Totals		2.75		472.50
<b>Total Labor</b>				<b>472.50</b>

**Total this Task \$472.50**

Task 386 DR- 3 Grove Ct

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/14/2023	.50	210.00	105.00
3 Grove Drainage Pool QC and Acceptance Letter				
Hernandez, Aldo	11/14/2023	2.25	150.00	337.50
pool review and acceptance				
Totals		2.75		442.50
<b>Total Labor</b>				<b>442.50</b>

**Total this Task \$442.50**

Task 404 DR - 6 Timberline Ridge

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/21/2023	.75	210.00	157.50
Revision 1 (Impervious Cover increase) QC				
Brandon, Bernard	11/28/2023	1.00	210.00	210.00
Revision 1 (Impervious Cover Increase) and acceptance letter				
Hernandez, Aldo	11/20/2023	1.75	150.00	262.50
revision review 1				
Totals		3.50		630.00
<b>Total Labor</b>				<b>630.00</b>

**Total this Task \$630.00**

Task 405 DR - 302 Inwood

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	11/8/2023		.50	210.00	105.00
302 Inwood Pool QC					
Hernandez, Aldo	11/8/2023		1.00	150.00	150.00
review of pool and acceptance letter					
Totals			1.50		255.00
<b>Total Labor</b>					<b>255.00</b>

**Total this Task \$255.00**

Task 415 DR- 4809 Timberline Drive

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Hernandez, Aldo	11/7/2023		1.00	150.00	150.00
final review and acceptance letter					
Totals			1.00		150.00
<b>Total Labor</b>					<b>150.00</b>

**Total this Task \$150.00**

Task 416 DR - 6 Pleasant Cove

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	11/21/2023		.75	210.00	157.50
Drainage Review (Addition) QC					
Brandon, Bernard	11/28/2023		1.00	210.00	210.00
Addition Review and acceptance letter					
Hernandez, Aldo	11/20/2023		3.25	150.00	487.50
review 1					
Totals			5.00		855.00
<b>Total Labor</b>					<b>855.00</b>

**Total this Task \$855.00**

Task 417 DR - 201 Vale Street

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Hernandez, Aldo	11/16/2023		1.00	150.00	150.00
review 4					
Totals			1.00		150.00
<b>Total Labor</b>					<b>150.00</b>

**Total this Task \$150.00**

Task 418 DR - 2506 Timberline [New Pool]

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/1/2023	1.00	210.00	210.00
Drainage Review 2 QC				
Brandon, Bernard	11/28/2023	.50	210.00	105.00
Review 3 QC and acceptance letter				
Hernandez, Aldo	11/1/2023	.75	150.00	112.50
add responses to sheets, add comment addressals				
Hernandez, Aldo	11/29/2023	1.75	150.00	262.50
review 3				
Totals		4.00		690.00
<b>Total Labor</b>				<b>690.00</b>

**Total this Task \$690.00**

Task 421 DR - 302 Inwood [New Pool]

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/21/2023	.50	210.00	105.00
Phone Call with Greg Andrulis with Civil Insight regarding detention and water quality design				
Totals		.50		105.00
<b>Total Labor</b>				<b>105.00</b>

**Total this Task \$105.00**

Task 425 DR - 4801 Rollingwood Drive

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/1/2023	.50	210.00	105.00
Drainage Review 1 QC				
Totals		.50		105.00
<b>Total Labor</b>				<b>105.00</b>

**Total this Task \$105.00**

Task 426 DR - 3019 Hatley

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/1/2023	.50	210.00	105.00
Drainage Review 1 QC				
Totals		.50		105.00
<b>Total Labor</b>				<b>105.00</b>

**Total this Task \$105.00**

Task 427 DR - 4911 Rollingwood

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/14/2023	.50	210.00	105.00
4911 Rollingwood Drainage Review 1 QC				
Hernandez, Aldo	11/14/2023	3.75	150.00	562.50
review 1				
Hernandez, Aldo	11/29/2023	1.25	150.00	187.50
review comments, meeting with bernard and Jay Campbell				
Totals		5.50		855.00
<b>Total Labor</b>				<b>855.00</b>

**Total this Task \$855.00**

Task 428 DR - 3209 Gentry

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/16/2023	1.00	210.00	210.00
Task 428 3209 Gentry Pool Review 1 QC				
Hernandez, Aldo	11/15/2023	3.50	150.00	525.00
review 1 3902 gentry				
Totals		4.50		735.00
<b>Total Labor</b>				<b>735.00</b>

**Total this Task \$735.00**

Task 429 DR - 401 Inwood

**Professional Personnel**

		Hours	Rate	Amount
Brandon, Bernard	11/29/2023	1.00	210.00	210.00
Responses to emails. Coordination of meeting for comment responses.				
Hernandez, Aldo	11/29/2023	1.75	150.00	262.50
401 inwood review 1				
Hernandez, Aldo	11/30/2023	2.00	150.00	300.00
401 inwood review 1				
Totals		4.75		772.50
<b>Total Labor</b>				<b>772.50</b>

**Total this Task \$772.50**

Task 605 ZR-4824 Timberline

**Professional Personnel**

		Hours	Rate	Amount
Rodriquez, Zane	11/9/2023	.75	110.00	82.50

Zoning question and internal team coordination

Totals	.75	82.50	
<b>Total Labor</b>			<b>82.50</b>

**Total this Task \$82.50**

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Task 644 ZR-3202 Pickwick Lane

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	11/21/2023	.25	180.00	45.00
Comment items w/GEP				
Gaston, Theresa	11/22/2023	.25	180.00	45.00
Follow-up w/GEP & ENG				
Gaston, Theresa	11/30/2023	.75	180.00	135.00
Reviews complete: Zoning comment letter for landscaping revision & Drainage acceptance letter sent to city				
Rodriquez, Zane	11/21/2023	1.50	110.00	165.00
Reivew of plans				
Totals		2.75		390.00
<b>Total Labor</b>				<b>390.00</b>

**Total this Task \$390.00**

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Task 666 ZR- 3 Grove Ct

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	11/9/2023	.25	180.00	45.00
Project update w/PLN & status w/ENG				
Gaston, Theresa	11/13/2023	.25	180.00	45.00
Project update w/PLN & status w/ENG				
Gaston, Theresa	11/14/2023	.25	180.00	45.00
Project update w/PLN & status w/ENG Discuss patio modifications re code changes				
Gaston, Theresa	11/15/2023	.50	180.00	90.00
Complete Zn/Drng & send to city				
Gaston, Theresa	11/30/2023	.25	180.00	45.00
Patio vs covered patio issue				
Rodriquez, Zane	11/2/2023	1.50	110.00	165.00
review of plans				
Rodriquez, Zane	11/9/2023	.75	110.00	82.50
Review of plans				
Rodriquez, Zane	11/14/2023	.50	110.00	55.00
Reivew of plans				
Rodriquez, Zane	11/30/2023	.50	110.00	55.00
Review and comment write up				
Totals		4.75		627.50
<b>Total Labor</b>				<b>627.50</b>

**Total this Task \$627.50**

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Task 688 ZR - 6 Timberline Ridge



**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Gaston, Theresa	11/20/2023		.25	180.00	45.00	
	Correspondence w/GEP & city					
Rodriquez, Zane	11/17/2023		1.00	110.00	110.00	
	Review					
Rodriquez, Zane	11/20/2023		1.00	110.00	110.00	
	Review and QC					
	Totals		2.25		265.00	
	<b>Total Labor</b>					<b>265.00</b>
				<b>Total this Task</b>		<b>\$265.00</b>

Task 696 ZR - 4824 Rollingwood Dr [Pool]

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Gaston, Theresa	11/9/2023		.25	180.00	45.00	
	Revision: weir/berm relocation					
	Totals		.25		45.00	
	<b>Total Labor</b>					<b>45.00</b>
				<b>Total this Task</b>		<b>\$45.00</b>

Task 697 ZR - 4809 Timberline Dr [New Res]

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Gaston, Theresa	11/7/2023		.75	180.00	135.00	
	Review of new res/QCCombine Zoning & Drainage [not complete] letter					
Gaston, Theresa	11/8/2023		.50	180.00	90.00	
	Complete combine Zoning & Drainage					
Gaston, Theresa	11/22/2023		.25	180.00	45.00	
	Correspondence follow-up w/city					
Rodriquez, Zane	11/2/2023		.50	110.00	55.00	
	Review of plans					
Rodriquez, Zane	11/27/2023		.25	110.00	27.50	
	Verification and adding approval stamps on plans					
	Totals		2.25		352.50	
	<b>Total Labor</b>					<b>352.50</b>
				<b>Total this Task</b>		<b>\$352.50</b>

Task 698 ZR - 6 Pleasant Cove [New Pool]

**Professional Personnel**

			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Gaston, Theresa	11/20/2023		.25	180.00	45.00	
	Comment items w/GEP					
Gaston, Theresa	11/30/2023		.75	180.00	135.00	
	Review complete: Combined Zoning/Drainage comment letter sent to city for additions/2-story detached garage					
	Totals		1.00		180.00	
	<b>Total Labor</b>					<b>180.00</b>

**Total this Task \$180.00**

Task 699 ZR - 201 Vale [New Res]

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Rodriquez, Zane	11/16/2023	.75	110.00	82.50
review of plans and assisted engineering with comment letter				
Totals		.75		82.50
<b>Total Labor</b>				<b>82.50</b>

**Total this Task \$82.50**

Task 700 ZR - 2506 Timberline [New Pool]

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	11/1/2023	1.00	180.00	180.00
ENG updates - incomplete; Discussion w/ENG re combined Zoning/Drainage review criteria				
Gaston, Theresa	11/2/2023	.75	180.00	135.00
ENG updated combined Zoning/Drainage review letter, proof & send to city				
Gaston, Theresa	11/22/2023	.25	180.00	45.00
Follow-up w/GEP & ENG				
Gaston, Theresa	11/30/2023	.75	180.00	135.00
Review complete: Combined Zoning/Drainage comment letter sent to city [all items cleared]				
Rodriquez, Zane	11/21/2023	.50	110.00	55.00
Review of plans				
Totals		3.25		550.00
<b>Total Labor</b>				<b>550.00</b>

**Total this Task \$550.00**

Task 706 ZR - 4801 Rollingwood Drive

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	11/1/2023	1.00	180.00	180.00
Commercial site - tennis court review QC - clarify a few items w/city; DRNG still in review				
Gaston, Theresa	11/2/2023	.50	180.00	90.00
Draft combined review letter; Follow-up on DRNG status				
Gaston, Theresa	11/3/2023	.75	180.00	135.00
Complete review: Zoning & Drainage combined letter. RW staff did not follow up, so certain comments deferred to discretion of city.				
Totals		2.25		405.00
<b>Total Labor</b>				<b>405.00</b>

**Total this Task \$405.00**

Task 707 ZR - 3019 Hatley

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	11/1/2023	1.00	180.00	180.00
New residential & pool				
Gaston, Theresa	11/2/2023	.75	180.00	135.00
ENG updated combined Zoning/Drainage review letter, proof [access issues, resume later]				
Gaston, Theresa	11/3/2023	1.00	180.00	180.00
Corrections to review - combined Res & Pool together for Zoning/Drainage				
Gaston, Theresa	11/6/2023	.25	180.00	45.00
Correspondence w/city RE dual review of res & pool				
Gaston, Theresa	11/7/2023	.25	180.00	45.00
Follow up w/ENG re res/pool reviews				
Totals		3.25		585.00
<b>Total Labor</b>				<b>585.00</b>
<b>Total this Task</b>				<b>\$585.00</b>

-----  
Task 708 ZR - 4911 Rollingwood

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	11/29/2023	.50	210.00	105.00
4911 Rollingwood (Landscaping) comment response meeting				
Gaston, Theresa	11/9/2023	.25	180.00	45.00
Project update w/PLN & status w/ENG				
Gaston, Theresa	11/13/2023	.25	180.00	45.00
Project update w/PLN & status w/ENG				
Gaston, Theresa	11/14/2023	.25	180.00	45.00
Project update w/PLN & status w/ENG				
Gaston, Theresa	11/15/2023	.50	180.00	90.00
Complete Zn/Drng & send to city				
Rodriquez, Zane	11/3/2023	1.00	110.00	110.00
Review of plans				
Totals		2.75		440.00
<b>Total Labor</b>				<b>440.00</b>
<b>Total this Task</b>				<b>\$440.00</b>

-----  
Task 709 ZR - 3209 Gentry

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Gaston, Theresa	11/20/2023	.25	180.00	45.00
Follow-up on ENG QC				
Gaston, Theresa	11/21/2023	1.25	180.00	225.00
Combine Zn/Drng reviews & send to city				
Rodriquez, Zane	11/17/2023	.75	110.00	82.50
New home permit and pool review				
Totals		2.25		352.50
<b>Total Labor</b>				<b>352.50</b>
<b>Total this Task</b>				<b>\$352.50</b>

-----  
Task 947 ROW - 302 Inwood

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	11/8/2023	.50	210.00	105.00
302 Inwood ROW QC				
Hernandez, Aldo	11/8/2023	.50	150.00	75.00
ROW review - austin energy				
Hernandez, Aldo	11/14/2023	.25	150.00	37.50
review 2 and acceptance letter				
<b>Totals</b>		<b>1.25</b>		<b>217.50</b>
<b>Total Labor</b>				<b>217.50</b>

**Total this Task                   \$217.50**

-----  
Task                   948                   ROW - 5000 Timberline

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	11/14/2023	.50	210.00	105.00
Task 948 5000 Timberline ROW Review 1 QC				
Task 949 201 Vale ROW Review 1 QC				
Brandon, Bernard	11/28/2023	.50	210.00	105.00
Review 2 QC and acceptance letter				
Hernandez, Aldo	11/14/2023	.25	150.00	37.50
500 timberline row review and same for 201 vale				
Hernandez, Aldo	11/27/2023	.25	150.00	37.50
row acceptance				
<b>Totals</b>		<b>1.50</b>		<b>285.00</b>
<b>Total Labor</b>				<b>285.00</b>

**Total this Task                   \$285.00**

-----  
Task                   949                   ROW - 201 Vale

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Brandon, Bernard	11/14/2023	.50	210.00	105.00
Task 948 5000 Timberline ROW Review 1 QC				
Task 949 201 Vale ROW Review 1 QC				
Brandon, Bernard	11/28/2023	.50	210.00	105.00
Review 2 QC and acceptance letter				
Hernandez, Aldo	11/14/2023	.50	150.00	75.00
500 timberline row review and same for 201 vale				
Hernandez, Aldo	11/29/2023	.25	150.00	37.50
row review 2				
<b>Totals</b>		<b>1.75</b>		<b>322.50</b>
<b>Total Labor</b>				<b>322.50</b>

**Total this Task                   \$322.50**

**Total this Project               \$20,922.50**

**Total this Report               \$20,922.50**



# OPERATOR'S REPORT

## City of Rollingwood



December 20, 2023



## MEMORANDUM

To: Ms. Ashley Wayman, City Administrator, City of Rollingwood  
From: Ben Ingallina, Crossroads Utility Services LLC  
Subject: Monthly Report  
Date: 12/06/23

### Previous Directives

- *No directives*

### Current Operations Report

- I. **Utility Operations Report**
  - A. **Billing Report/ Water Accountability** – Please see enclosed water operations report
  - B. **Water System Operations and Maintenance** –
    - a. No items to report
  - C. **Wastewater Collection System Operations and Maintenance** – No items to report
  - D. **Lift Station Maintenance** – *See enclosed report*
- II. **Customer Service Issues** – No reported issues
- III. **Emergency Response Items** – No new items. We are awaiting the plan for generator installations at the lift stations.
- IV. **Drought Contingency Plan / Watering Restrictions**
  - a. Lake Travis Level – 631.49– Current Storage 435,328 acre-feet (38.1% full) -0.7% down from last month.
  - b. The City of Austin is currently in Stage 2 watering restrictions – (Started August 15th)

Lakes Travis and Buchanan, reservoir lakes for the area's water supply, are expected to drop below 900,000 acre-feet.

The City of Austin is currently in **Stage 2 Drought Water Use Restrictions**.

### Austin's Stage 2 water restrictions

The City of Austin is currently in **Stage 2 Drought Water Use Restrictions**.

- ***Residential***
  - Hose-end Sprinklers - one day per week - midnight to 10 a.m. and/or 7 p.m. to midnight
    - Even address - Sunday
    - Odd address - Saturday
  - Automatic Irrigation - one day per week - midnight to 5 a.m. and/or 7 p.m. to midnight
    - Even address - Thursday
      - Odd address - Wednesday
- ***Commercial / Multi-family***
  - Hose-end Sprinklers - one day per week - midnight to 10 a.m. and/or 7 p.m. to midnight
    - Even address - Tuesday
    - Odd address – Friday
  - Automatic Irrigation - one day per week - midnight to 5 a.m. and/or 7 p.m. to midnight
    - Even address - Tuesday
    - Odd address - Friday
- ***Public Schools***
  - Hose-end Sprinklers - one day per week - midnight to 10 a.m. and/or 7 p.m. to midnight
    - All addresses - Monday
  - Automatic Irrigation - one day per week - midnight to 5 a.m. and/or 7 p.m. to midnight
    - All addresses - Monday

- **Wasting water** is prohibited.
- Washing vehicles at home is permitted with a bucket.
- Charity car washes prohibited.
- Fountains must recirculate water and those with a 4-inch emission or fall of water are prohibited.
- Fountains with a greater than 4-inch emission or fall of water are prohibited
- Restaurants may not serve water unless requested by a customer.
- Patio misters at commercial properties (*including restaurants and bars*) may only operate between 4 p.m. and midnight.
- **Commercial power/pressure washing equipment** must meet efficiency requirements.
- Golf courses using potable water can only irrigate fairways on their watering day; tees and greens can be watered every other day if Austin Water is notified.
- Irrigation of golf course fairways allowed between midnight and 5:00 a.m. or between 7:00 p.m. and midnight on designated outdoor water-use days only
- Irrigation of golf course greens or tees allowed every other day with notice to and approval by Austin Water only



**MEMORANDUM**

To: Ms. Ashley Wayman, City of Rollingwood  
From: Ben Ingallina, Crossroads Utility Services LLC  
Subject: Lift Station Report Detail  
Date: 12/06/23

Lift Station 1 – Dellana Ln.

- No issues.

Lift Station 2 – Hatley Dr.

- No issues.

Lift Station 3 – Almarion Way

- No issues.

Lift Station 4- Rockway Cv.

- No issues.

Lift Station 5 – Vale Dr.

- No issues.

Lift Station 6 – Pleasant Cv.

- No issues.

Lift Station 7 – Nixon Dr.

- No issues.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
Water Utilities Division

Monthly Operational Report For Public Water Systems Purchasing Treated Water From Another System  
Which Uses Surface Water Sources or Groundwater Sources Under The Influence of Surface Water

PUBLIC WATER SYSTEM NAME: **City of Rollingwood**

System I.D. #: 2270016

Month: **November 2023**

Submitted by:

Date:

No. of Connections: **537**

License #:

Grade:

TREATED WATER PURCHASED FROM A WHOLESALE SUPPLIER				
Date	Quantity (mgd)	Date	Quantity (mgd)	Monthly Summary (mgd)
1	0.215	16	0.370	Total Monthly Purchase: 10.179
2	0.041	17	0.282	
3	0.544	18	0.283	
4	0.543	19	0.284	Average Daily: 0.339
5	0.543	20	0.323	
6	0.544	21	0.337	
7	0.420	22	0.313	Maximum Daily: 0.544
8	0.363	23	0.315	
9	0.332	24	0.313	
10	0.256	25	0.314	Minimum Daily: 0.041
11	0.256	26	0.315	
12	0.256	27	0.342	
13	0.301	28	0.405	
14	0.357	29	0.327	
15	0.353	30	0.350	

DISTRIBUTION SYSTEM (DISINFECTANT RESIDUAL MONITORING)			
Minimum allowable disinfectant residual:	<u>0.5</u> mg/L	Percentage of the measurements below the limit this month:	
Total no. of measurements this month:	<u>33</u>	<input type="text" value="0%"/>	(1A)
No. of measurements below the limit:	<u>0</u>		
Percentage of the measurements below the limit last month:		<input type="text" value="0%"/>	(1B)

PUBLIC NOTIFICATION			
TREATMENT TECHNIQUE VIOLATION	Yes/No	If YES, Date when Notice was Given to the:	
		TCEQ	Customers*
More than 5.0% of the disinfectant residuals in the distribution system below acceptable levels for two consecutive months? - see (1A) and (1B)	NO		

\* A sample copy of the Notice to the customers must accompany this report.

MASTER METER REPORT

DISTRICT: **City of Rollingwood**

MONTH: **November 2023**

LOCATION: **Bee Cave Woods**

I.D. #: **2270016**

		METER #07914810	SIZE 6"	METER #18713312	SIZE 3"	TOTAL FLOW	TOTAL GAL PURCHASED	CHLORINE RESIDUAL
DAY	DATE	A	TH GAL	B	TH GAL	TH GAL	MG	mg/L
Wed	1	974587	190.0	3185	11.0	201.0	0.215	2.6
Thu	2	974777	0.0	3196	0.0	0.0	0.041	2.5
Fri	3	974777	373.0	3196	140.0	513.0	0.544	2.8
Sat	4	373	373.0	140	139.0	512.0	0.543	2.0
Sun	5	746	373.0	279	139.0	512.0	0.543	2.4
Mon	6	1119	373.0	418	139.0	512.0	0.544	2.4
Tue	7	1492	286.0	557	94.0	380.0	0.420	2.5
Wed	8	1778	233.0	651	90.0	323.0	0.363	2.6
Thu	9	2011	207.0	741	93.0	300.0	0.332	2.6
Fri	10	2218	134.0	834	92.0	226.0	0.256	2.6
Sat	11	2352	134.0	926	92.0	226.0	0.256	2.4
Sun	12	2486	134.0	1018	92.0	226.0	0.256	1.6
Mon	13	2620	184.0	1110	86.0	270.0	0.301	2.2
Tue	14	2804	228.0	1196	92.0	320.0	0.357	2.1
Wed	15	3032	219.0	1288	96.0	315.0	0.353	2.6
Thu	16	3251	244.0	1384	90.0	334.0	0.370	2.3
Fri	17	3495	156.0	1474	91.0	247.0	0.282	2.1
Sat	18	3651	157.0	1565	91.0	248.0	0.283	1.8
Sun	19	3808	157.0	1656	91.0	248.0	0.284	2.7
Mon	20	3965	203.0	1747	91.0	294.0	0.323	2.4
Tue	21	4168	207.0	1838	90.0	297.0	0.337	2.5
Wed	22	4375	188.0	1928	91.0	279.0	0.313	2.0
Thu	23	4563	188.0	2019	92.0	280.0	0.315	2.1
Fri	24	4751	187.0	2111	91.0	278.0	0.313	2.3
Sat	25	4938	188.0	2202	91.0	279.0	0.314	1.9
Sun	26	5126	188.0	2293	92.0	280.0	0.315	1.1
Mon	27	5314	220.0	2385	89.0	309.0	0.342	2.4
Tue	28	5534	263.0	2474	100.0	363.0	0.396	2.5
Wed	29	5797	204.0	2574	85.0	289.0	0.322	2.4
Thu	30	6001	219.0	2659	94.0	313.0	0.346	2.2
Fri	1	6220		2753				
Total			6410.0		2764.0	9174.0	10.2	
Avg.			213.7		92.1	305.8	0.339	2.3
Max.			373.0		140.0	513.0	0.544	2.8
Min.			0.0		0.0	0.0	0.041	1.1

\* Meter changed out City of Austin

Operator: \_\_\_\_\_

MASTER METER REPORT

DISTRICT: **City of Rollingwood**

MONTH: **November 2023**

LOCATION: **Riley MM**

I.D. #: **2270016**

DAY	DATE	METER	SIZE	METER	SIZE	TOTAL
		No S/N	6"	No S/N	3"	FLOW
		A	TH GAL	B	TH GAL	TH GAL
Wed	1	3540	0.0	17389	47.0	47.0
Thu	2	3540	0.0	17436	41.0	41.0
Fri	3	3540	0.0	17477	31.0	31.0
Sat	4	3540	0.0	17508	31.0	31.0
Sun	5	3540	0.0	17539	31.0	31.0
Mon	6	3540	0.0	17570	32.0	32.0
Tue	7	3540	0.0	17602	40.0	40.0
Wed	8	3540	0.0	17642	40.0	40.0
Thu	9	3540	0.0	17682	33.0	33.0
Fri	10	3540	0.0	17715	30.0	30.0
Sat	11	3540	0.0	17745	30.0	30.0
Sun	12	3540	0.0	17775	30.0	30.0
Mon	13	3540	0.0	17805	31.0	31.0
Tue	14	3540	0.0	17836	37.0	37.0
Wed	15	3540	0.0	17873	38.0	38.0
Thu	16	3540	0.0	17911	36.0	36.0
Fri	17	3540	0.0	17947	35.0	35.0
Sat	18	3540	0.0	17982	35.0	35.0
Sun	19	3540	0.0	18017	36.0	36.0
Mon	20	3540	0.0	18053	29.0	29.0
Tue	21	3540	1.0	18082	39.0	40.0
Wed	22	3541	0.0	18121	34.0	34.0
Thu	23	3541	0.0	18155	35.0	35.0
Fri	24	3541	0.0	18190	35.0	35.0
Sat	25	3541	0.0	18225	35.0	35.0
Sun	26	3541	0.0	18260	35.0	35.0
Mon	27	3541	0.0	18295	33.0	33.0
Tue	28	3541	0.0	18328	42.0	42.0
Wed	29	3541	0.0	18370	38.0	38.0
Thu	30	3541	0.0	18408	37.0	37.0
Fri	1	3541		18445		
Total			1.0		1056.0	1057.0
Avg.			0.0		35.2	35.2
Max.			1.0		47.0	47.0
Min.			0.0		29.0	29.0

Operator: \_\_\_\_\_

MASTER METER REPORT

DISTRICT: **City of Rollingwood**

MONTH: **November 2023**

LOCATION: **Hatley MM**

I.D. #: **2270016**

DAY	DATE	METER No S/n		SIZE 6"	METER #151074A		SIZE 3"	TOTAL FLOW
		A	TH	GAL	B	TH	GAL	TH GAL
Wed	1	83		0.0	7430		33.0	33.0
Thu	2	83		0.0	7463		0.0	0.0
Fri	3	83		0.0	7463		0.0	0.0
Sat	4	83		0.0	7463		0.0	0.0
Sun	5	83		0.0	7463		0.0	0.0
Mon	6	83		0.0	7463		0.0	0.0
Tue	7	83		0.0	7463		0.0	0.0
Wed	8	83		0.0	7463		0.0	0.0
Thu	9	83		0.0	7463		1.0	1.0
Fri	10	83		0.0	7464		0.0	0.0
Sat	11	83		0.0	7464		0.0	0.0
Sun	12	83		0.0	7464		0.0	0.0
Mon	13	83		0.0	7464		0.0	0.0
Tue	14	83		0.0	7464		0.0	0.0
Wed	15	83		0.0	7464		0.0	0.0
Thu	16	83		0.0	7464		0.0	0.0
Fri	17	83		0.0	7464		0.0	0.0
Sat	18	83		0.0	7464		0.0	0.0
Sun	19	83		0.0	7464		0.0	0.0
Mon	20	83		0.0	7464		0.0	0.0
Tue	21	83		0.0	7464		0.0	0.0
Wed	22	83		0.0	7464		0.0	0.0
Thu	23	83		0.0	7464		0.0	0.0
Fri	24	83		0.0	7464		0.0	0.0
Sat	25	83		0.0	7464		0.0	0.0
Sun	26	83		0.0	7464		0.0	0.0
Mon	27	83		0.0	7464		0.0	0.0
Tue	28	83		0.0	7464		0.0	0.0
Wed	29	83		0.0	7464		0.0	0.0
Thu	30	83		0.0	7464		0.0	0.0
Fri	1	83			7464			
Total				0.0			34.0	34.0
Avg.				0.0			1.1	1.1
Max.				0.0			33.0	33.0
Min.				0.0			0.0	0.0

Operator: \_\_\_\_\_



1120 S. Capital of TX Hwy, CityView 2, Suite 100  
 Austin, Texas 78746  
 P: 512.338.1704  
 TBPE Firm No. 6535

**CITY OF ROLLINGWOOD  
 MONTHLY ENGINEERING REPORT  
 December 13, 2023**

Includes Activities and Services from November 1, 2023 to November 30, 2023

**1. Site Development Plans (Drainage) and RSDP Review**

**a. Drainage Plan Reviews**

KFA Task No.	Project Address	Status	Date Returned
386	3 Grove Ct	Review #1 – Approved	11/15/2023
404	6 Timberline Ridge	Review #1 – Comments Returned	11/20/2023
405	302 Inwood	Review #2 – Approved	11/9/2023
415	4809 Timberline Dr	Review #3 – Approved	11/7/2023
416	6 Pleasant Cove	Review #1 – Comments Returned	11/30/2023
417	201 Vale Street	Review #4 – Comments Returned	11/16/2023
418	2506 Timberline	Review #3 – Approved	11/29/2023
405	302 Inwood	Review #2 – Approved	11/9/2023
425	4801 Rollingwood Drive	Review #1 – Comments Returned	11/1/2023
426	3019 Hatley	Review #1 – Comments Returned	11/2/2023
427	4911 Rollingwood	Review #1 – Comments Returned	11/15/2023

**b. Residential Stormwater Discharge Permit (RSDP)**

KFA Task No.	Project Address	Status	Date Returned
-	-	-	-

**c. Drainage Plan Inspections**

KFA Task No.	Project Address	Status	Date Returned
348	3225 Park Hills Dr	Observation #1	11/30/2023

City of Rollingwood  
Engineer’s Monthly Report  
November 30, 2023  
Page 2 of 5

**2. Zoning Reviews for Site Development Plans**

KFA Task No.	Project Address	Status	Date Returned
644	3202 Pickwick Lane	Landscape Revision #1	11/30/2023
666	3 Grove Ct	Review #1 – Comments Returned Review #2 – Submittal Received, In Review	11/15/2023 -
688	6 Timberline Ridge	Revision Comments Returned	11/20/2023
696	4824 Rollingwood Dr	Revision Comments Returned	11/9/2023
697	4809 Timberline Dr	Review #3 – Complete	11/8/2023
698	6 Pleasant Cove	Review #1 – Comments Returned	11/30/2023
700	2506 Timberline	Review #2 – Comments Returned Review #3 – Submittal Received, In Review	11/1/2023 -
706	4801 Rollingwood Dr	Review #1 – Comments Returned	11/3/2023
707	3019 Hatley	Review #1 – Comments Returned	11/3/2023
708	4911 Rollingwood	Review #1 – Comments Returned	11/15/2023
709	3209 Gentry	Review #1 – Comments Returned	11/21/2023
710	401 Inwood	Review #1 – Submittal Received, in Review	-
711	3012 Bee Cave	Review #1 – Submittal Received, in Review	-

**3. Plat Reviews**

KFA Task No.	Project Address	Status	Date Returned
-	-	-	-

**4. Right-of-Way Reviews**

KFA Task No.	Project Address	Status	Date Returned
947	302 Inwood	Received Submittal – In Review	11/14/23
948	5000 Timberline Drive	Review #2 – approved	11/27/2023
949	201 Vale	Review #2 – approved	11/30/2023

City of Rollingwood  
 Engineer's Monthly Report  
 November 30, 2023  
 Page 3 of 5

**5. Work Authorization Project Updates**

Project	Project Summary	Status	Next steps
WA03 Hubbard, Hatley, Drainage Improvements PS&E	Preparation of plans, specifications and estimates for the development of a construction bid package. Option 2 from the PER has been selected as the preferred option which proposes to construct a storm drain system from the creek at Almarion Way extending upstream to Hatley, Hubbard and Pickwick.	Bidding 9/14/2023 as Alternate 1 with the Water Bond Bid Package.  Survey working on easement exhibit and metes and bounds is in progress.  Finalizing easement documents and negotiations.	Finalize agreements on proposed easements.  Advertised for bidding 9/14/2023.  Coordinate gas line relocations with Texas Gas.
WA04 Nixon/Pleasant Drainage Improvements PS&E	Preparation of plans, specifications and estimates for the development of a construction bid package. This will include channel improvements and Segment 1 of the storm sewer improvements.	Bidding 9/14/2023 as Alternate 2 with the Water Bond Bid Package.  A survey working on easement exhibit and metes and bounds is in progress.  Landscape changes will be issued as an Addendum during bidding to capture the remaining design changes.	Finalize agreements on proposed easements.  Advertised for bidding 9/14/2023.  Coordinate gas line relocations with Texas Gas.
WA07 Water CIP Bond Program – Packages 1-4	Residents of Rollingwood approved Bond Proposition A, a \$5.3MM bond to fund improvements to the city's water system as identified in the city's Water Capital Improvements Plan (CIP).	Bidding 9/14/2023 with bid alternates with Hubbard/Hatley and Nixon/Pleasant.	Advertised for bidding 9/14/2023.



City of Rollingwood  
 Engineer's Monthly Report  
 November 30, 2023  
 Page 4 of 5

**6. General Engineering Services**

Task	Assignment Summary	Status	Next steps
General	Coordination with City staff regarding on-going development review services, engineering services, monthly report preparation and attendance of meetings at City's request.	On-Going.  Bi-weekly meetings.  City timeline of recurring activities.	Regular recurring activities.
Development Services	Coordination with City staff regarding on-going development services, MyPermitNow Support, and meeting with staff and applicants as requested.	Building and development services and coordination with staff.  MyPermitNow (MPN) support and coordination with Development Services Manager.	Continued coordination and support.
Water/Wastewater System Modeling & Mapping Updates	Data gathering and review of water/wastewater system infrastructure mapping.  Develop/update wastewater and water system model updates to evaluate current and future system capacity needs.  Utilize model to plan for infrastructure repairs, upgrades, and future growth needs.	None.	Updating models as needed.
Water/Wastewater System	Coordination/support with Crossroads regarding infrastructure such as valves, pressure planes, and infrastructure.	None.	Continue coordination to support mapping and KFA modeling efforts.
GIS	KFA to send quarterly updates for the City GIS layers.	On-going  GIS exhibits and mapping updates as requested.	GIS exhibits and mapping updates as needed.
MS4 Compliance	Coordination with City staff on compliance with the Storm Water Management Permit for the 2022 calendar year.	On-going  Continue coordination and compliance efforts for permit compliance.	Continue compliance coordination for 2023.

City of Rollingwood  
Engineer's Monthly Report  
November 30, 2023  
Page 5 of 5

Task	Assignment Summary	Status	Next steps
City of Austin Atlas 14 Floodplain Update	The City of Austin has begun a five-year effort to update floodplain maps in the Austin area. The maps are being updated with Atlas 14 rainfall data.	KFA attended COA informational virtual public meeting over Zoom.  Eanes Creek likely to be restudied. It is likely to lead to a floodplain increase, which will impact properties along the creeks.	Continue to monitor progress

Regards,

K Friese + Associates, Inc.

**BOARD OFFICERS**  
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 CHAIRPERSON  
 THERESA BASTIAN  
 VICE CHAIRPERSON  
 NICOLE CONLEY  
 SECRETARY/TREASURER



MARYA CRIGLER  
 CHIEF APPRAISER

**BOARD MEMBERS**  
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 OSEZUA EHIYAMEN  
 BRUCE ELFANT  
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 BLANCA ZAMORA-GARCIA

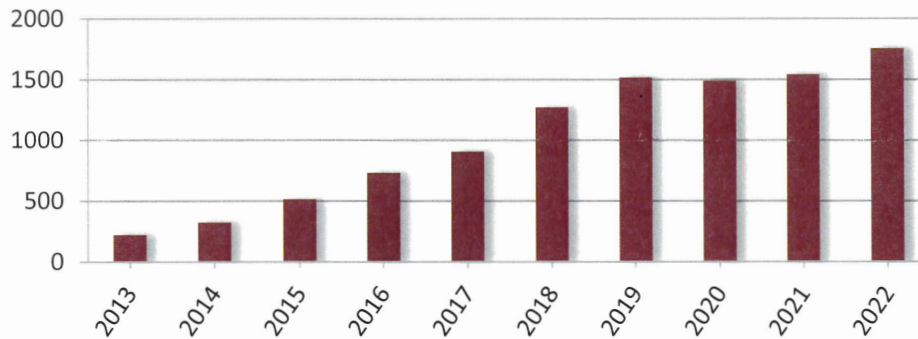
November 9, 2023

CITY OF ROLLINGWOOD  
 THE HONORABLE GAVIN MASSINGILL, MAYOR  
 403 NIXON DRIVE  
 ROLLINGWOOD, TX 78746

RE: Fiscal Year 2023 Budget Amendment

The Travis Central Appraisal District estimates a budget surplus of approximately \$500,000 for fiscal year 2023. The District requests the reallocation of any surplus budget funds to bolster its reserve dedicated to litigation. The District has weathered a staggering 691% surge in filed lawsuits over the past decade, coupled with a remarkable 1,396% increase in the value under litigation.

**10 Year History of  
 Property Lawsuits**



This unprecedented growth has inevitably led to escalated expenditures in litigation. In the past two to three years, we have diligently tapped into our litigation reserves to navigate these mounting costs. Now, it is not merely advisable but imperative to proactively rebuild and strengthen our litigation reserve. Transferring unused budget funds will be instrumental in fortifying our capacity to navigate the unpredictable legal landscape.

The Board of Directors will discuss and take action on this budget amendment on Wednesday, December 13, 2023, at 11:30 a.m. at the offices of the Travis Central Appraisal District, located at 850 East Anderson Lane, Austin, Texas 78752. Any taxing entity with questions or concerns about this budget amendment is encouraged to attend this meeting. The above adjustment **does not require any additional funds** from the taxing entities; however, it will impact the amount of unspent funds at the end of the year. Should you have any questions, I can be reached by phone at (512) 834-9317 Ext. 405, or by email at [Lmann@tcadcentral.org](mailto:Lmann@tcadcentral.org).

Respectfully,

Leana H. Mann, CGFO  
 Deputy Chief Appraiser  
 Travis Central Appraisal District

# TRAVIS CENTRAL APPRAISAL DISTRICT

**BOARD OFFICERS**

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 BLANCA ZAMORA-GARCIA

November 10, 2023

CITY OF ROLLINGWOOD  
 ASHLEY WAYMAN, CITY ADMINISTRATOR  
 403 NIXON DRIVE  
 ROLLINGWOOD, TX 78746

RE: TRAVIS CENTRAL APPRAISAL DISTRICT 2024 BUDGET LIABILITY NOTIFICATION

Enclosed you will find your jurisdiction’s liability due to the Travis Central Appraisal District for fiscal year 2024 as required by the Texas Property Tax Code, Section 6.06. This is a notification only. **Please do not remit any payments based on this notification. A separate invoice will be mailed quarterly.**

Jurisdiction Number	11
2023 Total Levy	\$3,020,366.63
2024 TCAD Total Budget	\$29,884,516.00
2024 Jurisdiction Budget Liability	\$15,376.60
Jurisdiction Percent of Total Budget	0.0515%

Should you have any questions, or if any of the information appears incorrect, please contact me by phone at (512) 834-9317 Ext. 405 or by e-mail at [Lmann@tcadcentral.org](mailto:Lmann@tcadcentral.org).

Respectfully,

Leana H. Mann, CGFO  
 Deputy Chief Appraiser  
 Travis Central Appraisal District



December 1, 2023

The Honorable Mayor  
 and Members of the City Council:  
 City of Rollingwood  
 403 Nixon Drive  
 Rollingwood, Texas 78746

Honorable Mayor and Members of the City Council:

Pursuant to the Cost of Gas Clause currently in effect for the Central-Gulf service area, the following is the determination of the cost of gas to be used for billings in December 2023:

1. Cost of Purchased Gas @ 14.73 PSIA.....	\$5.1676
2. Cost of Purchased Gas @ 14.65 PSIA.....	\$5.1395
3. Purchase/Sales Ratio.....	1.0034
4. Commodity Cost (Line 2 x Line 3).....	\$5.1570
5. Surcharge or Refund Factor.....	\$0.0000
6. Reconciliation Factor.....	(\$0.0884)
7. Revenue-associated Fees and Taxes.....	\$0.0000
8. Subtotal (Line 4 + Line 5 + Line 6 + Line 7).....	\$5.0686
9. Customer Rate Relief Component.....	\$1.1000
10. Cost of Gas (Line 8 + Line 9).....	<u>\$6.1686 / Mcf</u>
	<u>\$0.6169 / Ccf</u>

Billings using the cost of gas as determined above will begin with meters read on and after November 28, 2023 and end with meters read on and after December 28, 2023.

Sincerely,  
  
*Lisa Wattinger*  
  
 Lisa Wattinger, Manager  
 Gas Supply



1301 South Mopac; Suite 400  
Austin, TX 78746-6918  
800-700-2443 • texasgasservice.com

December 5, 2023

The City Secretaries and/or City Managers of the following Texas cities:  
Austin, Bee Cave, Cedar Park, Pflugerville, Cuero, Dripping Springs, Gonzales, Kyle, Lakeway, Lockhart, Luling, Nixon, Rollingwood, Shiner, Sunset Valley, West Lake Hills, Yoakum, Galveston, Bayou Vista, Jamaica Beach, Groves, Nederland, Port Neches, Port Arthur, and Beaumont, Texas

Dear City Secretary and/or City Manager:

In accordance with Texas Gas Service Company’s Weather Normalization Clause (WNA) tariff, this report is being provided for the month of November 2023.

The Central Gulf Texas Service Area experienced weather during November that resulted in the following WNA activity:

<b>Customer Class</b>	<b>Amount Collected or Refunded</b>	<b>Average Weather Rate</b>	<b>Average Bill Impact</b>	<b>% Bill Impact</b>
Residential	(\$365,127)	(\$0.0654)	(\$1.34)	(3.5%)
Commercial	(\$12,653)	(\$0.0043)	(\$1.27)	(0.4%)
Public Authority	(\$3,700)	(\$0.0121)	(\$5.75)	(1.3%)

Detailed data supporting this summary information is available upon request. If you have any questions, please do not hesitate to contact me at (512) 370-8253.

Sincerely,

Zane Drummond  
Rates Analyst  
Rates and Regulatory Affairs