CITY OF THOMPSON FALLS

2020 Preliminary Engineering Report Update

Wastewater System Improvements

June 2020

Prepared by:

GreatWest engineering®

CITY OF THOMPSON FALLS

Preliminary Engineering Report
Wastewater System Improvements

June 2020

Prepared for:
City of Thompson Falls

Prepared by:
Carrie Gardner, PE

QA/QC by:
Amy Deitchler, PE

GreatWest engineering

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1.0 EXECUTIVE SUMMARY

Throughout this document, the 2020 PER update will provide new information or updated information as appropriate and will generally not repeat accurate information as reported in the 2018 Thompson Falls Wastewater System Preliminary Engineering Report that is incorporated into this Amendment, attached under a separate cover. If not specifically updated or supplemented herein, the information in the 2018 PER does apply and is intended to support the conclusions, implementation plan and funding strategy presented herein.

1.1 Introduction and Background

Please see Section 1.1 Introduction and Background of the 2018 Wastewater PER for additional information.

The 2018 study focused on wastewater collection system expansion, existing collection system improvement alternatives, and wastewater treatment system improvements. The City has retained Great West Engineering to complete the analysis of Phase 3 and Phase 4 of the collection system improvements as identified in the 2018 PER. As stated, this report updates the 2018 PER document, collectively with each other, follow the interagency Uniform Preliminary Engineering Report Outline and meets all associated requirements.

Based on the recommendations in the City of Thompson Falls 2018 Wastewater PER, Great West Engineering is currently completing the design of Phase 1 and Phase 2 collection system improvements as well as the treatment system improvements. Phase 1 and 2 collection system improvements and the treatment system improvements will be constructed as one construction project. The bid documents for said project have been completed in May 2020 and will bid in June or July 2020. Construction of Phase 1 and 2 is anticipated to commence in the summer of 2020 and be constructed over a period of two construction seasons.

This PER update will focus on Phase 3 and 4 of the collection system expansion. The PER identified four total phases for implementing the treatment system and collection system improvements. The collection system phasing can be seen in Figure 1-1. No upgrades to the wastewater treatment site will be necessary to handle additional flow from Phase 3 and 4 as capacity for all four phases has been designed into the 2020 treatment system improvements project.

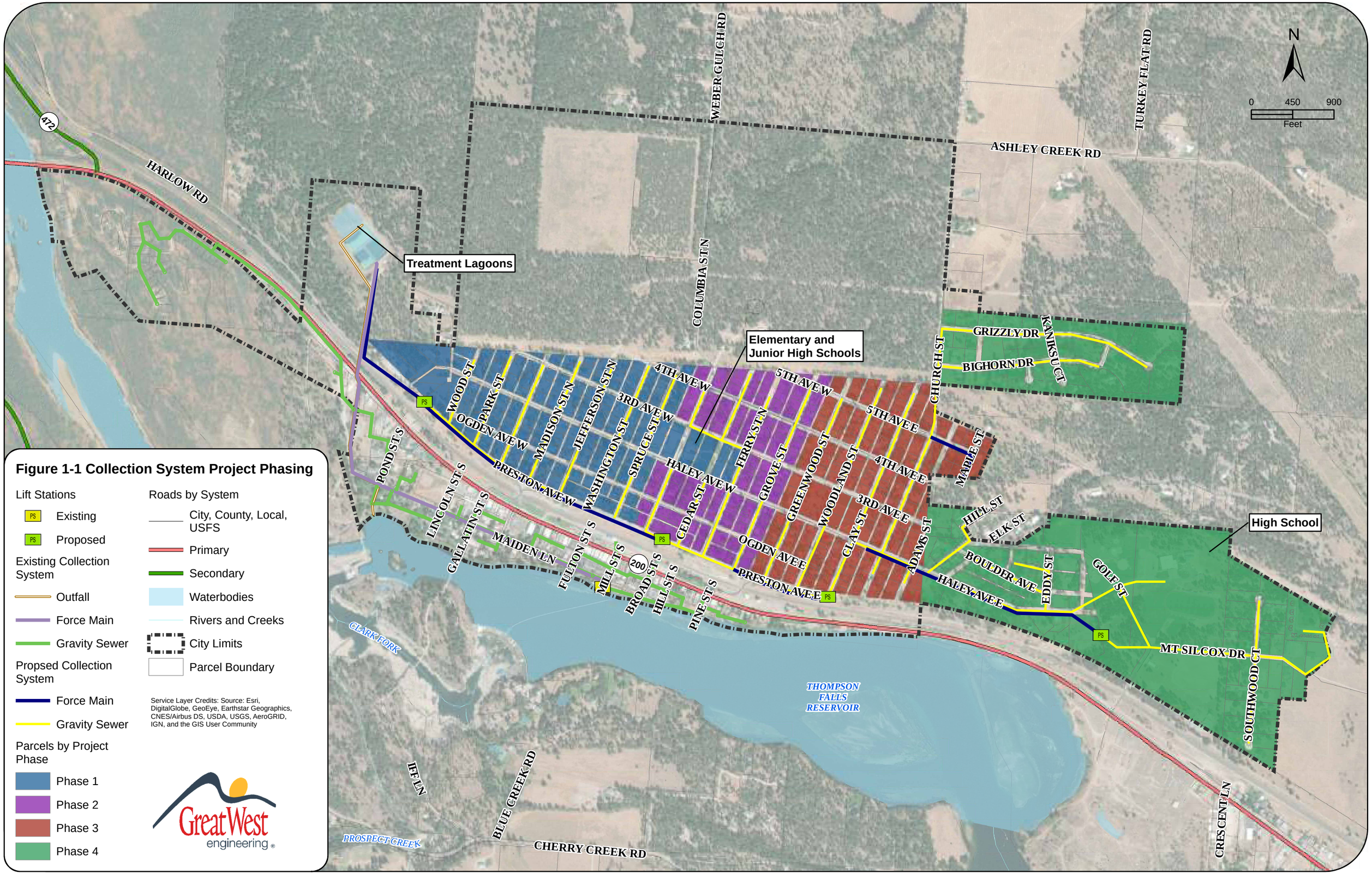

Figure 1-1 Collection System Project Phasing

Lift Stations
- PS Existing
- PS Proposed

Existing Collection System
- Outfall
- Force Main
- Gravity Sewer

Propsed Collection System
- Force Main
- Gravity Sewer

Parcels by Project Phase
- Phase 1
- Phase 2
- Phase 3
- Phase 4

Roads by System
- City, County, Local, USFS
- Primary
- Secondary

Waterbodies

Rivers and Creeks

City Limits

Parcel Boundary

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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1.2 Problem Definition

A large portion of the community of Thompson Falls is currently served by private septic systems, including approximately 560 residential homes and three schools. These systems are often not in compliance with today's regulations and are beginning to fail. Lot size limitations and density prevent replacement with compliant on-site systems, and the Sanders County Sanitarian has reported substandard installations. Substandard systems are incapable of reducing nutrients and pathogens to safe levels. This creates a significant human health and safety issue and threatens Montana's high-quality waters.

The City's existing sewer system also has deficiencies that need to be addressed. As part of funding that was received in 2018/2019 for Phase 1 and 2 collection system improvements and treatment system upgrades, the existing sewer system deficiencies outlined in the 2018 PER have been included with the project that is scheduled to bid and start construction during the summer of 2020. Some of the existing collection system mains date back to 1948 and are suffering from root intrusion and settling, which can result in increased infiltration and inflow as well as sewer backups. As noted, the existing system deficiencies have been included in the scope of the 2020/2021 project and have been broken out into separate schedules in case of a funding short fall. Separate schedules will allow for award flexibility to ensure the base bid project for the collection system expansion and treatment system upgrades can be awarded.

The 2018 PER evaluated alternatives to connect the unsewered area of the City to the central sewer system, as well as address deficiencies in the current wastewater treatment system. If nothing is done to address the deficiencies in the wastewater system, there will continue to be adverse impacts on the environment and human health.

1.3 Alternatives Considered

Please see Section 1.3 Alternatives Considered of the 2018 Wastewater PER.

1.4 Preferred Alternative

Please see Section 1.4 Alternatives Considered of the 2018 Wastewater PER for additional information.

The preferred collection system alternative in the 2018 Wastewater PER was C1: Separate Forcemain to Treatment Site. The collection system alternative included a four phased collection system. Phase 1 and Phase 2 are scheduled to bid and construct during the summer of 2020 through 2021. Phase 1 and 2 include existing system improvements as well as expanding the collection system north of the highway on the "hill" between Wood St. and Grove St.

Phase 3 and 4 collection system expansion will collect wastewater generated from each home into the central collection system. Phase 3 and 4 collection system will transport wastewater to the Phase 1 and 2 collection system and ultimately to the treatment plant. The Phase 3 collection system consists of a network of 8-inch diameter sewer mains, 4-inch diameter forcemains, and manholes located in street right-of-ways. The sewer pipes will be buried 4 feet to 14 feet and would generally slope south and west to Lift Station #2 near the intersection of Cedar St. and Preston Ave. Due to the topography, two smaller lift stations will be needed in Phase 3 (Lift Station #3) as well as Phase 4 (Lift Station #4) of the collection system improvements, see Figure 9-2 and Figure 9-3. The vast majority of the gravity mains will be buried between 4-feet to 7-feet to minimize excavation in areas of dense rock and large boulders in the area. These are noted in the Geotechnical Report that was completed for the Phase 1 & 2 project (Appendix FF). Areas of the gravity main along Preston Ave and the existing original collection system may be buried at depths greater than 7 feet. These areas typically have less dense rock and are not anticipated to be as difficult to excavate.

The Phase 3 and 4 collection system will deliver wastewater to the Phase 1 & 2 collection system. Phase 3 and 4 collection system improvements will include two lift stations. The lift stations will be of the submersible type. With these type of lift stations, the wastewater is delivered to a concrete storage tank (wet well) with level controls and submersible wastewater pumps. The submersible pumps will be attached to sliding rails that allow the pumps to be retrieved for maintenance, repair and replacement.

1.5 Project Costs and Budget

The proposed Phase 3 (alternative C1-3) and Phase 4 (alternative C1-4) have been broken out into two separate cost estimates. Phase 3 and 4 can be constructed as two different projects or as one project similar to Phase 1 and 2 depending on the funding packages received by the City.

The proposed Phase 3 project total cost is estimated to be $6,948,000 with a projected total system annual O&M of $18,300 per year. The proposed Phase 4 project total cost is estimated to

be $7,705,000 with a projected total system annual O&M of $18,100 per year. These costs are detailed in Table 9-1, 9-2, 9-4 and 9-5, respectively.

Below is a summary of the funding package presented in Table 10-1, which the City will pursue for the Phase 3 collection system. Phase 4 funding is not included in the current proposed funding package.

- $125,000 DNRC Grant
- $750,000 TSEP Grant
- RD Grant: $1,513,750 - $2,761,686 (25%-45% of project costs)
- RD Loan: $3,293,315 – $4,541,250 (55%-75% of project costs)
- Local Contribution: $18,000

Conversations with Rural Development (RD) staff have indicated that a 45%/55% grant/loan combination should be assumed in the funding analysis. Given the great financial need and low income of the City, this project will have significant improvements to health and safety of the residents; and based on the previous funding package received for the first two phases of the project, the City may qualify for up to a 75% grant amount through RD, however; a 25% to 45% grant should still be assumed at this time. For this reason, the variability of RD funding, a range has been provided for the RD grant and loan funds potentially available to the City of Thompson Falls.

With the funding scenario indicated above, the potential monthly sewer rate per equivalent dwelling unit (EDU) following completion of Phase 3 of the sewer improvements proposed is estimated to be between $65.00 to $71.01 per month. The estimated rate assumes a Special Improvement District (SID) would be created for the parcels in Phase 3 and assessed approximately $300 annually for 20 years to pay for the assessment portion of the RD loan. This is similar to the funding package received for Phase 1 and 2 and discussed in more detail in Chapter 9 and 10 of this report. The resulting rate increase will put the City between 190.5% and 200.7% of the combined system target rate as determined by the Montana Department of Commerce.

2.0 PROJECT PLANNING

Please refer to the 2018 Thompson Falls Wastewater System PER except where noted.

2.1 Planning Area and Existing/Potential Service Area

The planning for the PER update generally encompasses the Thompson Falls City Limits as shown in Figure 2-1. The original/current wastewater system boundary, also shown in Figure 2-1, provides collection system and treatment of municipal wastewater for the portion of the City located south of US HWY 200 and the MRL railway paralleling the highway. The boundary lines for Phase 1 and 2 collection system improvements has also been added to Figure 2-1.

2.2 Location

The City of Thompson Falls in Sanders County, Montana. The Clark Fork River bisects the County with most of the County's population located in close proximity to the river. The study area boundary is shown in Figure 2-1.

EXISTING TREATMENT SYSTEM UPGRADES
BEGINNING CONSTRUCTION 2020

CITY LIMITS
PLANNING AREA

ELEMENTARY &
JUNIOR HIGH
SCHOOL

US HWY 200

UNSEWERED
NORTH OF US HIGHWAY 200.
PHASE 1 AND 2 COLLECTION
SYSTEM BEGINNING
CONSTRUCTION 2020/2021

HIGH SCHOOL

CLARK FORK RIVER

ORIGINAL SEWARD PORTION
OF THE COMMUNITY

PLANNING
AREA

US HWY 200

LEGEND

- PLANNING AREA
- ORIGINAL SEWARD AREA
- PHASE 1 (2020 / 2021 CONSTRUCTION)
- PHASE 2 (2020 / 2021 CONSTRUCTION)

0 500 1000
SCALE IN FEET

NORTH

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FIGURE 2-1
PLANNING AREA

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM 2020 PER UPDATE

F:\1-16137-Thompson Falls Wastewater PER\CADD 1-16137\Exhibits\2020 PER Update Exhibits\1-16137- Fig 2-1 PlanningArea.dwg

The City is located at:

Township/Range/Section: Township 21 North, Range 29 West, Section 8

Latitude/Longitude: 47° 36' 10" North Latitude and 115° 21' 31" West Longitude

Elevation: 2,550 ft

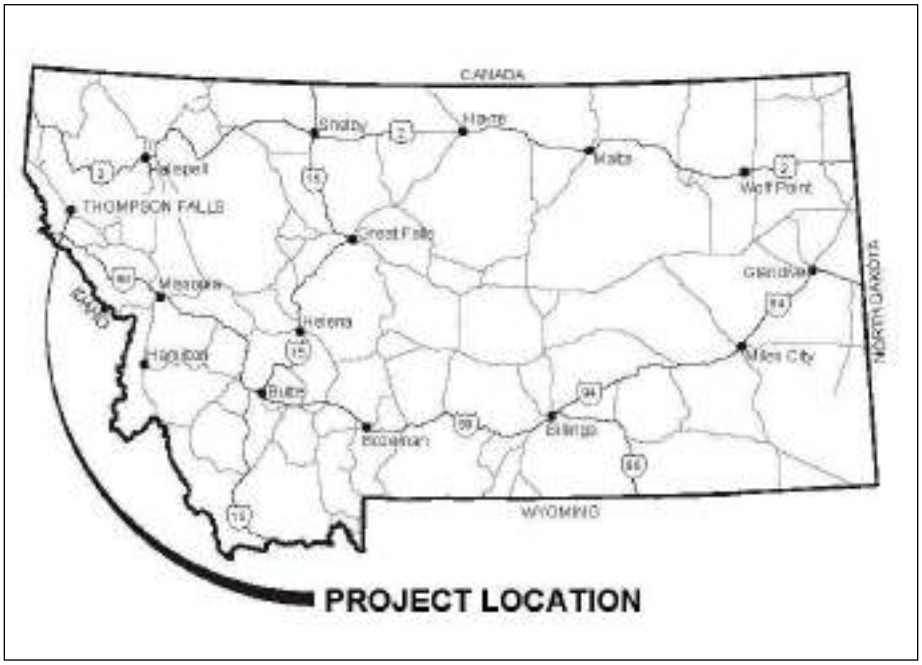

Figure 2-2 - Project Location Map

The area in focus for this study includes the Phase 3 and Phase 4 Collection System as shown in Figure 2-3. Phase 3 and Phase 4 of the collection system will provide sewer service to the Northeast section of the unsewered area on the "Hill" (north of Highway 200 and the MRL railway). Phase 3 collection system will generally serve the area between Greenwood St. and east to Adams St. Phase 4 collection system will serve the remaining area within the City limits, east of Adams St.

TREATMENT LAGOONS

THOMPSON FALLS CITY LIMITS

ELEMENTARY & JUNIOR HIGH SCHOOLS

HIGH SCHOOL

EXISTING FORCEMAIN REPLACEMENT

SURFACE WATER DISCHARGE

MAIN LIFT STATION

EXISTING 12-INCH SEWER MAIN REPLACEMENT

HWY 200

NORTHWOOD

PARK ST

GALLATIN

MADISON

JEFFERSON

WASHINGTON

SPRUCE

COLUMBIA

CEDAR

FERRY

NORTH GROVE

GREENWOOD

WOODLAND

CLAY

HALEY AVE

W 3RD AVE

PRESTON

MAIDEN LN

W MAIN ST

CHURCH

ADAMS

HILL ST

ELK ST

GOLF ST

BOULDER

EDDY ST

MT SILCOX DR

RESIDENTIAL CONNECTIONS BY PHASE

PHASE 1		177 RESIDENTIAL CONNECTIONS (2020/20201 CONSTRUCTION)
PHASE 2		126 RESIDENTIAL CONNECTIONS (2020/2021 CONSTRUCTION)
PHASE 3		150 RESIDENTIAL CONNECTIONS
PHASE 4		117 RESIDENTIAL CONNECTIONS

0 500 1000

SCALE IN FEET

NORTH

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FIGURE 2-3
COLLECTION SYSTEM PLANNING

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM PER

F:\1-16137-Thompson Falls Wastewater PER\CADD 1-16137\Exhibits\2020 PER Update Exhibits\1-16137-FIG2_3 CollectionAlt_C1Phasing.dwg

2.3 Physical Characteristics of the Area

2.3.1 Topography

Please see Section 2.3.1 Topography of the 2018 PER.

2.3.2 Area Soils and Geology

Please see Section 2.3.2 Area Soils and Geology of the 2018 PER.

A Geotechnical Report was completed for the Phase 1 and 2 (between Wood St. and Grove St.) construction project and can be found in Appendix FF. Some areas within City Limits have rock outcrops and what are referred to in the geotechnical report as “cement” layers. It is expected that approximately 50% of the collection expansion area encounter could require rock hammer or higher rated machinery for sewer main and service line installation.

2.3.3 Groundwater

Please see Section 2.3.3 Groundwater of the 2018 PER.

2.3.4 Surface Water

Please see Section 2.3.4 Surface Water of the 2018 PER.

2.3.5 Vegetation

Please see Section 2.3.4 Vegetation of the 2018 PER.

2.4 Environmental Resources Present

Please see Section 2.4 2018 PER.

As part of any major construction project, the impacts of the project on the surrounding environment must be considered and provisions made to mitigate any negative impacts. An Uniform Environmental Checklist was completed and can be found in Appendix E.

As part of quantifying the impacts to various environmental and historic resources, letters were sent in the 2018 PER and again in 2020 for the PER update to pertinent local, state, and federal agencies requesting comments on any potential environmental impacts as a result of proposed

improvements. The letters and responses received during the 2018 PER can be found in the 2018 PER Appendix F. The letters and responses received in the 2020 PER update are included in Appendix F.

2.4.1 Land Resources

Please see Section 2.4.1 Land Resources of the 2018 PER.

2.4.2 Biological Resources

A search of the Montana Natural Heritage database revealed the presence of species of concern within a ten-mile radius of Thompson Falls Appendix G. However, the project area is urbanized, comprised of mostly single private residences and some commercial buildings, so impact to species of concern will be minimal.

Based upon a review of the Montana Sage Grouse Habitat Conservation Program Mapper (https://sagegrouse.mt.gov/ProgramMap), Sanders County does not hose any sage grouse habitat. As such, sage grouse are not anticipated to be adversely affected by this work.

2.4.3 Floodplains

Please see Section 2.4.3 Floodplains of the 2018 PER.

2.4.4 Wetlands

Please see Section 2.4.4 Wetlands of the 2018 PER.

2.4.5 Cultural Resources

The Montana State Historic Preservation Office (SHPO) has been contacted to determine whether there are significant historical and cultural resources in the City of Thompson Falls. Correspondence with SHPO indicates that there are a few previously recorded sites in the project vicinity, but none are anticipated to be impacted. SHPO states that any structure over fifty years of age is considered historic. However, it is not anticipated that any historic or potentially historic structure will be impacted as the majority of the work will be in the community streets. The correspondence with SHPO is included in Appendix F.

2.4.6 Socio-economic and Environmental Justice Issues

The proposed improvements will benefit the entire community equally. The improvements will be beneficial to human health and will not adversely affect the environment. In addition, there will be no disproportionate benefit to any demographic within the community as a result of the proposed improvements.

The City of Thompson Falls is considered a low-income community according to the Department of Commerce, based on the 2015 American Communities Survey data. Thompson Falls is considered to have a low and moderate income (LMI) percentage of 55.19% and a medium household income (MHI) of $30,595. See Appendix KK for Target Rate Information.

In order to be eligible for a Community Development Block Grant (CDBG), which is a low-income grant program, a community must have an LMI of at least 51%.

2.5 Growth Areas and Population Trends

Please see Section 2.5 Growth Areas and Population Trends of the 2018 PER.

For the purposes of this PER update, it will be assumed that the average occupancy is 2.05 persons/household. Table 2-1 has been updated from the 2018 PER to reflect a 20-year planning period through year 2040. Historic populations for Sanders County and the City of Thompson Falls as determined by the US Census Bureau and the Montana Department of Commerce 2015 population estimates, are shown in Table 2-1. Based upon 2010 Census blocks analyzed in GIS, the current wastewater system serves 194 residents. Furthermore, the 2010 GIS Blocks indicate 1,119 residents live in the proposed collection system expansion area (Phase 1-4). Based on current data it is estimated the population in Thompson Falls for 2015 was 1,332 (see Appendix I); of these only 194 residents are currently served by the sewer system. An annual growth rate of 0.1% was used to estimate the population of Thompson Falls for the 20-year planning period (2040). This correlates to a design year population of 1,353, or an additional 40 residents over the 2010 census population. The growth is anticipated to predominately occur within the unsewered portion of the City.

Table 2-1 - Census Data and Planning Period Population

Year	City of Thompson Falls	% Annual Increase	Sanders County	% Annual Increase
1990(1)	1,319		8,669	
2000(1)	1,321	0.02%	10,238	1.68%
2010(1)	1,313	-0.06%	11,413	1.09%
2015(2)	1,332	0.29%	11,336	-0.14%
Average		0.08%		0.88%
2040(3)	1,353	0.10%		

(1) Population represents 2010 Census Block GIS data with 0.1% annual growth, 20-year planning period based on 2040 planning year.
(2) Montana Department of Commerce Estimate
(3) Population of City of Thompson Falls at Design Year (2040) estimated from 2010 Census at a 0.10% Annual Growth Rate

2.6 Community Engagement

On March 9, 2020, Great West Engineering conducted a Public Hearing, at which the proposed project was explained, including the purpose, proposed project area, activities, preliminary PER budget, funding, DNRC, RD and TSEP applications, and environmental assessment that may result for local citizens as a result of the project. The public was given the opportunity to ask questions and express opinions regarding the project. The schedule for grant applications, design and construction of the Phase 3 collection system was discussed in detail. A copy of the presentation, sign-in sheet and meeting minutes are included in Appendix EE.

Public meetings for the 2018 PER were held in August 2017, February 2018, March 2018, and May 2018, where alternatives for the treatment system and the collection system improvements and expansion phasing were discussed and the public was given the opportunity to ask questions and express opinions regarding the project. When Phase 1 and 2 of the project outlined in the 2018 PER was received, the City held an informational public meeting on January 7th, 2019 where the project, the City's intent for the formation of SID 1 & 2 were discussed including the phased collection system improvements. A copy of the presentation of this presentation is also include in Appendix EE.

The City of Thompson Falls has made noteworthy effort in planning this project and keeping the residents in Thompson Falls informed. The community developed a website, www.thompsonfallsinfrastructure.com, on which the project information is posted. The website also includes a place for public to submit comments and questions regarding the project.

Additionally, Thompson Falls has also dedicated a section of their website for wastewater system improvement projects https://cityofthompsonfalls.com/wastewater-projects.

The proposed wastewater system improvements have been included in numerous council meetings and numerous editions of the Sanders County Ledger, the local newspaper. Some articles from the Ledger can be found in Appendix EE of this PER update.

Due the COVID-19 global pandemic the City decided to postpone the public meetings planned for April and May 2020, as the Governor of Montana issued a state-wide stay home order. The City has decided to hold a second public meeting to review the 2020 PER update and Environmental Assessment on June 8th, 2020 pending social distancing guidelines from Sanders County and the State.

3.0 EXISTING FACILITIES

Please refer to the 2018 Thompson Falls Wastewater System PER except where noted.

3.1 Schematic Layout

Please see Section 3.1 Schematic Layout of the 2018 PER.

3.2 History

Please see Section 3.2 History of the 2018 PER for additional information.

Great West Engineering performed detailed analysis of the existing wastewater facilities and identified specific deficiencies within the system. The 2018 Preliminary Engineering Report (PER) presented alternatives to correct the deficiencies. The preferred alternative for the City of Thompson Falls collection system was C1: Separate Forcemain to Treatment site and the preferred alternative for treatment was T2 which included upgrading the treatment system to a complete mix/partial mix aerated lagoon system with a polishing reactor and ultraviolet disinfection (UV). The collection system preferred alternative C1 included existing system improvements as well as expanding the collection system to the area north of HWY 200 with installation of a new standard gravity collection system with individual grinder pumps on a case by case basis. Phase 1 and 2 of the preferred alternative C1 expands the collection system north of the highway on the “hill” between Wood St. and Grove St.

Based on the recommendations in the Thompson Falls 2018 Wastewater PER, Great West Engineering has currently completed the final design of Phase 1 and 2 collection system and treatment system improvements. The project design report, plans and specifications are currently being reviewed by Montana DEQ at the time of writing this report. The bid documents for the current designed project is anticipated to be completed in June 2020 and begin bidding. Construction is anticipated to commence once the bid is awarded and will be constructed over two construction seasons.

This PER update will focus on Phase 3 and Phase 4 of the collection system, the final two phases of the recommended four phases. The collection system phasing can be seen in Figure 2-3.

During the treatment system improvements project design, a sample from each existing 60 mil HDPE liner was taken and sent to TRI Environmental laboratories to analyze the condition of the existing liner and the ability to weld to the existing liner. The liner was installed during system improvements in the 1997 wastewater project. The TRI Environmental liner sample report can be found in Appendix GG. The report noted that the mechanical tests suggested the liner has retained excellent strength and flexibility. The report recommended that the liner be evaluated again in 2-3 years to evaluate low OIT and HPOIT values, which indicate when the liner is more susceptible to oxidation, and ultimately indicates integrity of the liner. It is recommended that during design for phase 3 and/or 4 that the liner be sampled again for OIT and HPOIT values, which would indicate the speed at which oxidation of the liner would occur. Based on sampling results during the design phase of the next project, a baseline for oxidation time could be establish between the tests from 2020 and future tests. The test results would yield when the Cell 1 & 2 liner replacement would be recommended whether it be in the next 7 to 10 years or 10 to 20 years.

Aside from liner testing and recommendations, no additional improvements will be made at the treatment site, as Phase 1 and 2 with treatment system improvements will be constructed in 2020/2020 and is sized for Phase 3 and 4 collection system flows.

3.2.1 Collection System

Please see Section 3.2.1 Collection System of the 2018 PER for additional information.

In 2016, the City applied for a small grant through the Montana Department of Natural Resources & Conservation (DNRC) Renewable Resources and Grant and Loan Program (RRGL) to address on-going issues within the collection system. The work included replacement of the Main Lift Station pump controls and rehabilitation through cured in place pipe (CIPP) of approximately 290 feet of 8-inch clay gravity sewer pipe between Hill and Ferry Street. The City was successful in obtaining the grant and the project was completed in June 2019.

As previously noted, Phase 1 and Phase 2 are scheduled to bid and construct during the summer of 2020 through 2021. Phase 1 and 2 include existing system improvements as well as expanding the collection system north of the highway on the “hill” between Wood St. and Grove St.

The City’s existing sewer system also has deficiencies that are being addressed in the current Phase 1 and 2 project. Some of the existing collection system mains date back to 1948 and are

suffering from root intrusion and settling, which can result in increased infiltration and inflow and sewer backups. The existing system deficiencies have been included into the current project and have been broken out into separate schedules in case of a funding short fall. The separate schedules will assist the City in flexibility during awarding of the project to ensure the base bid project for the collection system expansion and treatment system upgrades can be awarded. The existing system deficiencies that are being addressed in the current Phase 1 and 2 project include the following:

- Removing and replacing two manholes within Solid Rock Estates that contribute to significant inflow and infiltration.
- Replace aging 6-inch Orangeburg pipe with 8-inch SDR 35 PVC sewer main and associated manholes along S. Jefferson St. and the alley east of S. Jefferson St. between W. Main St. and Maiden Lane.
- Rerouting and replacing 12-inch AC gravity collection main and manholes with new 12-inch and 8-inch SDR 35 PVC sewer main and manholes from Pine St. west to the main lift station along Maiden Lane.
    - The existing 12-inch AC pipe is along the banks of the Clark Fork River as the bank continues to erode; the pipe has settlement issues and frequent plugging.
    - Due to location and easements needed, the replacement and relocation of this section of the gravity main will be a combination of gravity main from Pine St. west to Ferry St. At Ferry St. a triplex grinder pump station (Ferry St. pump station) will be installed and a 1.5-inch diameter forcemain will be placed in the existing 8-inch gravity main between Ferry St. and Hill St. The 8” gravity main was lined via CIPP in the summer of 2019. This main will be used as a carrier pipe, from Hill St. heading south and east the main will then return to gravity flow main and flow into the existing main lift station through the replaced 12-inch gravity main to the existing main lift station.
    - Installation of new integrated controls and SCADA, automatic transfer switch (ATS) and permanent generator at the existing main lift station.
    - Removing and replacing 3,610 lineal feet of existing 6-inch forcemain from between the intersection of Lincoln St. and the treatment system site with new 6-inch PVC or HDPE pipe. This replacement section includes two jacking and boring sections under Highway 200 and the railroad crossing.

It is anticipated that the above noted system deficiencies will be completed during the construction of the Phase 1 and 2 project in 2020/2021. Therefore, they were not considered for existing system improvements in Phase 3 or Phase 4 of the collection system expansion.

All Phase 3 and 4 collection system will be constructed to meet DEQ-2 requirements

3.2.2 Lift Stations

Please see Section 3.2.2 Lift Stations of the 2018 PER for additional information.

The City's original collection system operates with one main lift station. As part of the current planned project, the Main Lift Station will receive upgraded controls for SCADA integration, installation of an automatic transfer switch (ATS) and a permanent generator for backup power during power outages.

Phase 1 and 2 of the current designed project planned for construction in 2020/2021 includes the addition of two new lift stations, Lift Station #1 and Lift Station #2. Lift Station #1 is located near the intersection of Preston Avenue and Wood Street and Lift Station #2 is located near the intersection of Cedar St. and Preston Ave. The two lift stations along Preston will be packaged duplex submersible pump stations with generators at each site for backup power supply.

Phase 1 and 2 lift stations have been sized to include the Phase 3 and 4 collection system flows where necessary. Phase 1 and 2 collection system will start construction in 2020 and go through 2021. All Phase 3 and 4 lift stations will be constructed to meet DEQ-2 requirements.

3.2.3 Treatment System

Please see Section 3.2.3 Treatment System of the 2018 PER for additional information.

The new treatment system is currently designed and included in the Phase 1 and 2 project that is scheduled to begin construction in 2020 through 2021. The treatment system will utilize the existing Cell 1 and 2 by upgrading the treatment system to a complete mix/partial mix aerated lagoon system with a polishing reactor and ultraviolet disinfection (UV). The improvements will use existing Cell 1 and Cell 2 by installing an insulated floating lagoon cover system and lagoon baffles to create complete mix and partial mix zones within the treatment cells with new submerged fine bubble aeration diffusers. Treatment site upgrades also include a headworks

building with a stair screen and washer/compactor, two new 50 Hp blowers in the existing blower building, a UV building for an open channel UV disinfection system and backup power at the site.

The new treatment system improvements include sludge removal and sludge disposal at the existing treatment lagoons. Sludge removal is included in the construction base bid, while sludge disposal is included as a separate bid schedule in the 2020/2021 construction project.

Treatment systems improvements will begin construction in 2020 and are sized for a total system design flow of 0.20 MGD, which will treat the original system and Phase 1-4 collection system flows.

3.2.4 Analysis of Existing System

3.2.5 Existing Flows

Please see Section 3.2.5 Existing Flows of the 2018 PER for additional information.

In 2020, flows recorded were monitored and updated from the 2018 PER, as a result the average daily wastewater flow for the original collection system is 35,300 gpd. For purposes of this PER, 35,300 gpd will be used for the original existing system average daily wastewater flow.

Impact of Infiltration or Inflow on System Performance

Please see Section 3.2.5 Existing Flows of the 2018 PER for additional information.

The current 2020/2021 construction project includes replacing two manholes in the Solid Rock Estates subdivision identified for high I&I, as well as two sections of existing sewer gravity main located on the existing system. Additional system improvements that will reduce the systems impact of I&I are outlined in further detail in Section 3.2.1 of this report.

3.2.5.1 Flow Projections Design Period

As the proposed expanded collection system north of HWY 200 located on the “hill” does not have an existing collection system, the projected flow rate for the proposed expansion was determined by looking at residential and commercial connections for the unsewered area. Circular DEQ-2 requires wastewater facility sizing based on average day flow of 100 gallons per capita plus wastewater flow from nonresidential uses such as industrial, institutional or commercial.

It is assumed that all growth within the unsewered area of the City for planning period occurs as residential development. Table 3-1 presents the residential and commercial system flow by phase. Wastewater flow for the unsewered area are based on 100 gallons per capita day (gpcd) per Circular DEQ 2. For the City of Thompson Falls, one EDU equals approximately 2.05 people or residents. Flow rates for the new expanded collection system were calculated by EDUs per phase multiplied by 2.05 and then multiplied by 100 gpcd for residential lots. For the City of Thompson Falls, one EDU or connection is equal to approximately 2.05 people or residents.

Table 3-1 - Current & Expanded Collection System Flow by EDU & Phase

Collection Phase	Residential Wastewater Flow Gal/day	Non-Residential Wastewater Flow gal/day	Total Flow for Phase gal/day	Treatment System Flow gal/day	Residential EDUs	Non-Residential EDUs	Total EDUs* gal/day
Existing System	*-*	*-*	*35,300*	*35,300*	*81*	*106*	*187*
Phase 1	*39,750*	*4,590*	*44,340*	*79,640*	*177*	*19*	*196*
Phase 2	*29,315*	*3,870*	*33,185*	*112,825*	*126*	*16*	*142*
Phase 3	35,545	1,960	37,505	150,330	177	4	181
Phase 4	30,945	6,256	37,121	187,451	140	17	157
Total 20-year (2040) planning period Total Flow (0.1% growth)			6,200				
		Total	**193,736**		**701**	**162**	**860**

*Total EDUs in the table above assume 1 residential EDU for vacant lots for treatment design flows.

Additional lot connections, defined as developed lots without a water meter or structure on the lot were also identified from a GIS shape file of structures and parcel types that was obtained from the Montana State Library Geographic Information Clearinghouse. The shapefile shows location and distribution of various structures throughout the state. The shapefile was used to determine how many non-residential connections were within the proposed collection system expansion. Phase 1 and Phase 2 collection system locations and existing individual systems were also verified by individual property field surveys, which were used to calculate system flows.

Figure 3-1 and 3-2 below show structure types and parcel information that was used to develop wastewater system flows and assist in developing an EDU count for the Phase 3 and 4, respectfully.

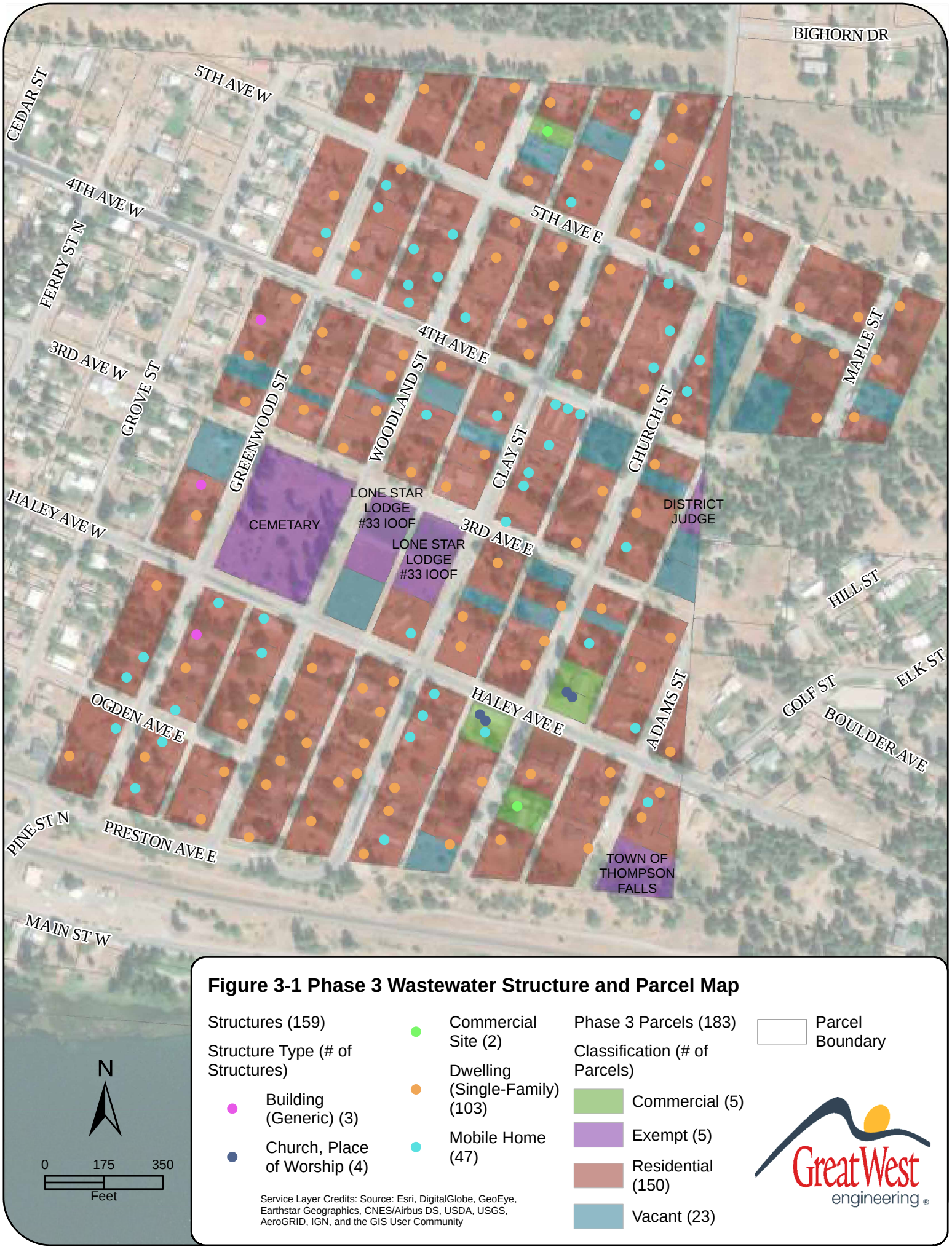

Figure 3-1 Phase 3 Wastewater Structure and Parcel Map

Structures (159)

Structure Type (# of Structures)

- Building (Generic) (3)
- Church, Place of Worship (4)
- Commercial Site (2)
- Dwelling (Single-Family) (103)
- Mobile Home (47)

Phase 3 Parcels (183)

Classification (# of Parcels)

- Commercial (5)
- Exempt (5)
- Residential (150)
- Vacant (23)

Parcel Boundary

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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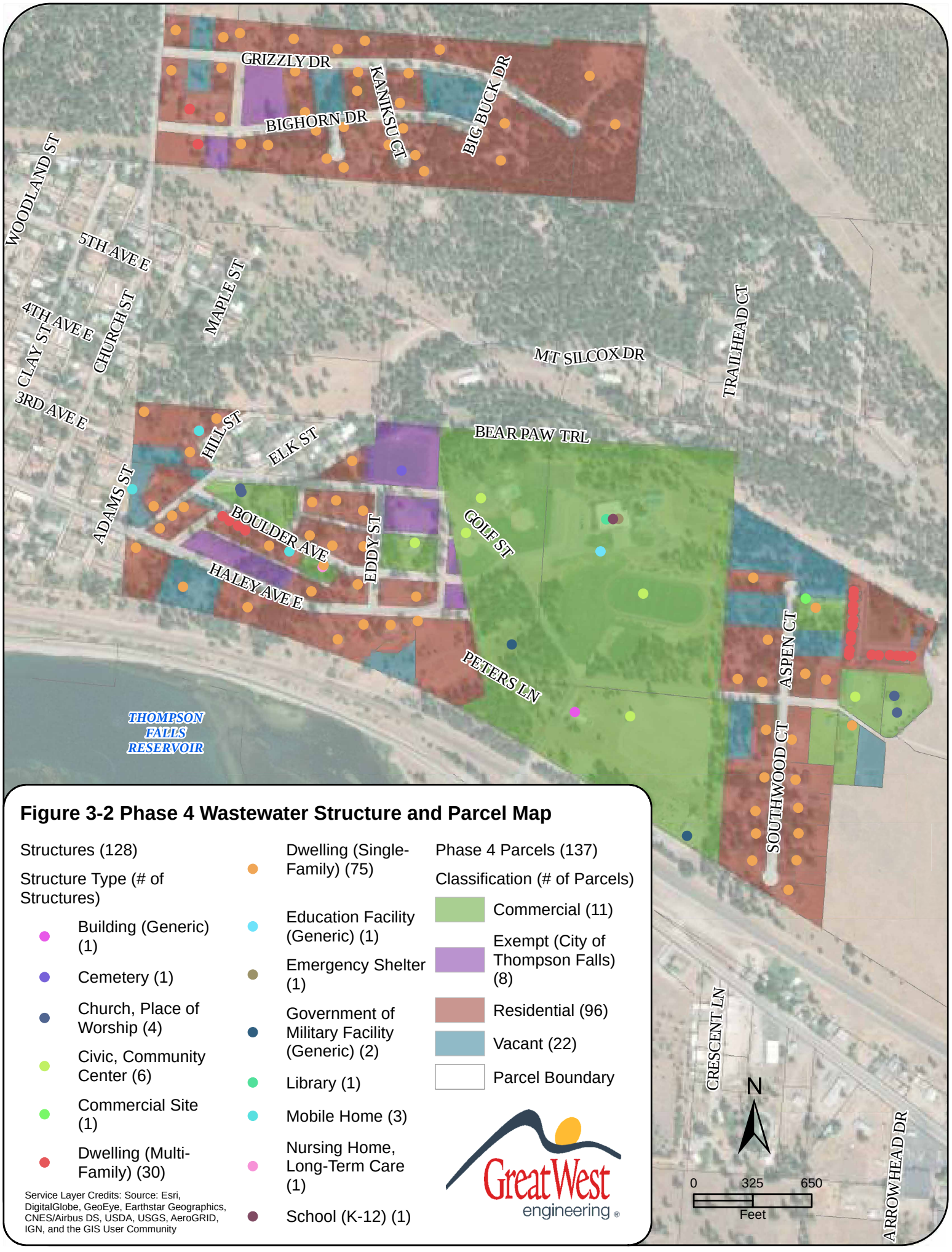

Figure 3-2 Phase 4 Wastewater Structure and Parcel Map

Structures (128)

Structure Type (# of Structures)

- Building (Generic) (1)
- Cemetery (1)
- Church, Place of Worship (4)
- Civic, Community Center (6)
- Commercial Site (1)
- Dwelling (Multi-Family) (30)
- Dwelling (Single-Family) (75)
- Education Facility (Generic) (1)
- Emergency Shelter (1)
- Government of Military Facility (Generic) (2)
- Library (1)
- Mobile Home (3)
- Nursing Home, Long-Term Care (1)
- School (K-12) (1)

Phase 4 Parcels (137)

Classification (# of Parcels)

- Commercial (11)
- Exempt (City of Thompson Falls) (8)
- Residential (96)
- Vacant (22)
- Parcel Boundary

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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It cannot be determined at this time how the additional and vacant lots in the unsewered area of the sewer system expansion will be developed. Currently, as presented in Table 3-1 it has been assumed that 90% of the undeveloped lots in the unsewered expansion area will be residential lots and 10% of the undeveloped lots will be non-residential lots based on existing lot use data available for this area of the City.

3.2.6 Collection System

Please see Section 3.2.6 Collection System of the 2018 PER.

Phase 1 and 2 collection system has been sized to include all system flows where necessary. Phase 1 and 2 collection system will start construction in 2020 and include the original collection system improvements to address the original system deficiencies as outline in section 3.2.1 above and the 2018 PER. All Phase 3 and 4 collection system will be constructed to meet DEQ-2 requirements.

3.2.7 Lift Station and Force Main

Please see Section 3.2.7 Lift Station and Force Main System of the 2018 PER.

Phase 1 and 2 include two new lift stations and 6-inch forcemains that have been sized to include all system flows in current and future phases where necessary. Phase 1 and 2 lift station and associated forcemains will start construction in 2020 and include the original collection system improvements to address the original system deficiencies as outline in section 3.2.2 above and the 2018 PER. All Phase 3 and 4 lift stations and forcemains will be constructed to meet DEQ-2 requirements.

3.2.8 Treatment System

Please see Section 3.2.7 Lift Station and Force Main System of the 2018 PER.

The most current DEQ Compliance Evaluation Inspection (CEI) and the City's response to the CEI are included in Appendix Z, previous inspections are in Appendix M the 2018 PER. The report noted that the City is currently moving toward treatment system upgrades and generally indicated that the City's facility is operated to meet permit limits. The CEI noted that the city had reported exceedances for their E. coli bacteria limit. The treatment system upgrades will include

UV disinfection treatment to meet current permit E. coli limits. Logging and DMR reporting comments in the CEI were addressed by the City and corrected.

The new treatment system is currently designed and included in the Phase 1 and 2 project that is scheduled to construct in 2020 through 2021. The process flow diagram for the treatment system can be found in Appendix II. The treatment system will continue to use existing Cell 1 and 2 by upgrading the treatment system to a complete mix/partial mix aerated lagoon system with a polishing reactor and ultraviolet disinfection (UV). The improvements will reutilize Cell 1 and Cell 2 after sludge removal by installing an insulated floating lagoon cover system and lagoon baffles to create complete mix and partial mix zones within the treatment cells. Treatment site upgrades also include a headworks building with a stair screen and washer/compactor, two new 50 Hp blowers in the existing blower building, and a UV building for an open channel UV disinfection system and backup power at the site.

The treatment system upgrades will also include sludge removal and disposal. The existing abandoned Cell #4 will be used to dry sludge as well as the existing Cell #3 which will be abandoned as part of the current 2020/2021 construction project. Sludge sampling and analysis completed in October of 2019 and results are included in Appendix JJ.

Hydraulic Loading

The total flows for each phase of the collection system and existing system that will be treated at the treatment site are presented in Table 3-2. The average daily design flow for the upgraded treatment site is 193,736 GPD (0.19 MGD). For design purposes the treatment system design flow has been sized to treat 0.20 MGD and is designed to treat all four collection system phases. The current MPDES permit (MTG581035) allows the City to discharge from the current treatment system up to 1 MGD.

Table 3-2 - Current & Expanded Collection System Flow by Phase

Collection Phase	Residential Wastewater Flow Gal/day	Non-Residential Wastewater Flow gal/day	Total Flow for Phase gal/day	Treatment System Flow gal/day
Existing System	-	-	*35,300*	*35,300*
Phase 1	*39,750*	*4,590*	*44,340*	*79,640*
Phase 2	*29,315*	*3,870*	*33,185*	*112,825*
Phase 3	35,545	1,960	37,505	150,330
Phase 4	30,945	6,256	37,121	187,451
Total 20-year (2040) planning period Total Flow (0.1% growth)			6,200	
		Total	**193,736**	

No specific data is available for influent flow peaking variations for the expanded collection system area for Phases 1-4 because the City does not have an existing collection system in this area. Influent flow characteristics are based on the calculated flow data above and peaking factors as discussed in Metcalf and Eddy Wastewater Engineering, and Lindeburg's Civil Engineering Reference Manual, Table 28.1, Typical Variations in Wastewater Flows Design. A daily peaking factor of 2.0 is assumed, along with seasonal peaking factors of 1.25 and 0.9 for summer and winter, respectively. The ratio of peak hourly flow to design average flow is approximately 3.71 as determined for the current population in Chapter 10 of DEQ-2, Figure 1. Table 3-3 shows the recommended project design flows for annual average, maximum month, maximum day, and peak-hour conditions. Table 3-4 shows the treatment system design flows broken out by the current system and the expanded collection system.

Table 3-3 - Design Treatment System Influent Flows

	Peaking Factor	MGD[1] Flow	GPM[1] Flow
Treatment Design Flows: All Phases			
Winter Maximum Month	0.9	0.175 MGD	122 gpm
Annual Average		0.194 MGD	135 gpm
Summer Maximum Month	1.25	0.243 MGD	168 gpm
Maximum Day	2.25	0.388 MGD	269 gpm
Peak Hourly Flow	4	0.720 MGD	500 gpm

[1] Note that MGD = million gallons per day and gpm = gallons per minute

Table 3-4 - Design Flows

Year		Average Day gal/day	Peak Day (1) gal/day	Peak Hour (2) gal/day	Peak Hour gal/min
Current System	Residential & Non-Residential	**35,300**	**70,600**	**146,495**	**101.7**
20-Year Planning Period (Current System + All 4-Phases	Residential	141,315	**387,472**	**719,052**	**499**
	Non-Residential	17,121			
	Sub Total	**193,736**			

(1) Average Day/Peak Day = 2.0 per Metcalf and Eddy
(2) Average Day/ Peak Day = 4.15 (current system) 3.71 (Planning Period) per DEQ 2.

The treatment system has been designed to accept all Phase 1, 2, 3 and 4 hydraulic loading. The treatment system improvements will start construction in 2020.

Summaries of the treatment lagoon design parameters are listed in Table 3-5.

Table 3-5 - Complete/Partial Mix Lagoon Design for Current Treatment Improvements

Item	Unit	Design Value
Number of Cells	ea	2*
Length (each earth embankment cell)	ft	195
Width (each earth embankment cell)	ft	201
Cell #1a & #1b Water depth	ft	12
Cell #2a & #2b Water depth	ft	11
Cell #1a & #1b Volume	MG	1.5
Cell #1a & #1b Volume	MG	1.4
Cell #1a Diffusers (complete mix cell)	ea	34
Cell #1b Diffusers (partial mix cell)	ea	6
Cell #2a Diffusers (partial mix cell)	ea	5
Cell #2b Diffusers (complete mix cell)	ea	4
Blowers (2)	hp	50

*Two cells will be divided by a flow-through baffle curtain, totaling 4 treatment cells

The proposed site plan for the current treatment system upgrades at the treatment site can be seen in Figure 3-3.

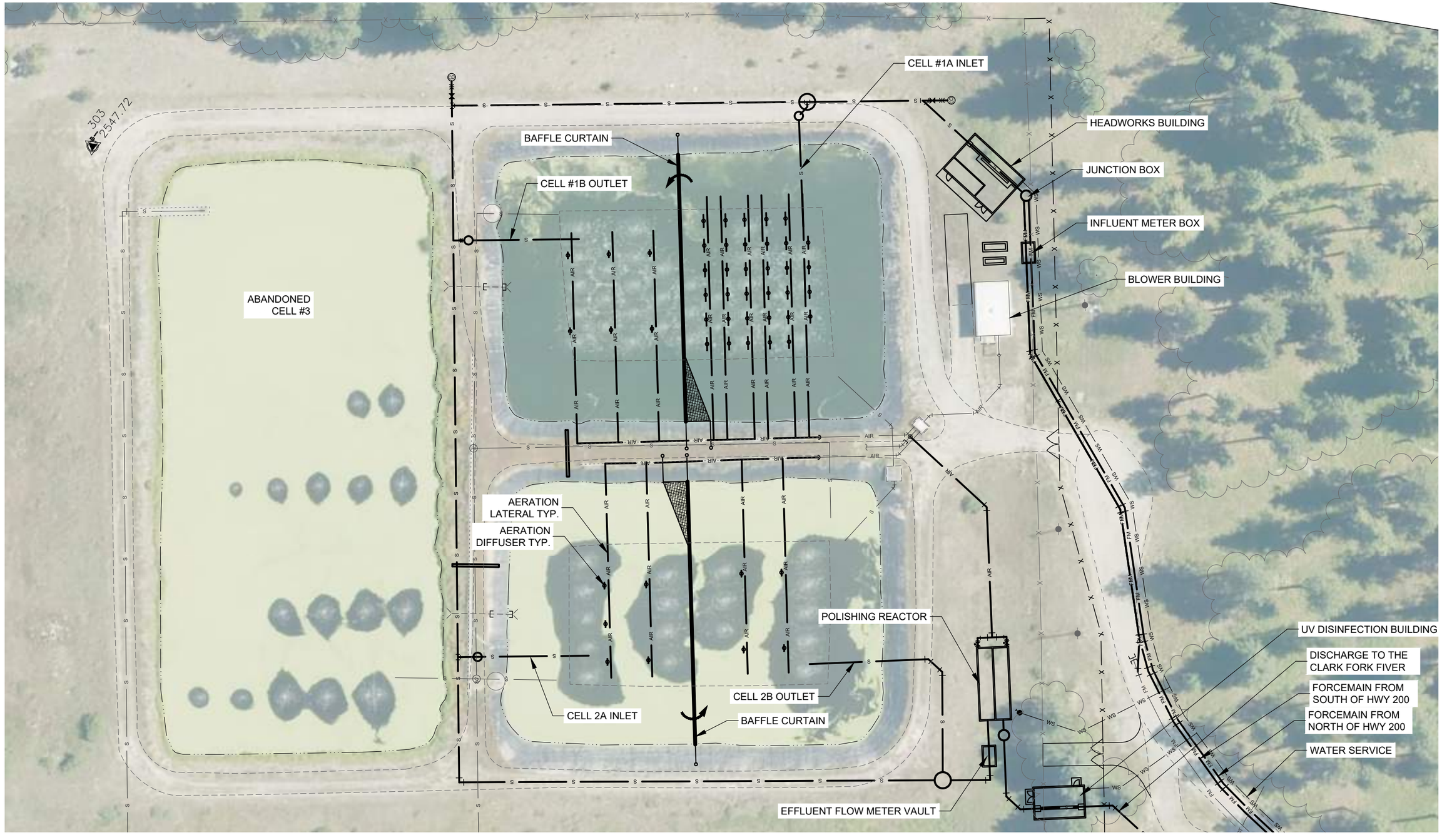

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Figure 3-3
Treatment System Site Upgrades
(2020-2021)

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM PER

During the treatment system improvements project design a sample from each existing 60 mil HDPE liner was taken and sent to TRI Environmental laboratories to analyze the condition of the existing liner and the ability to weld to the existing liner. The liner was installed during system improvements in the 1997 wastewater project. The TRI Environmental liner sample report can be found in Appendix GG. The report noted that the mechanical tests suggested the liner has retained excellent strength and flexibility. The report recommended that the liner be evaluated again in 2-3 years to evaluate low OIT and HPOIT values, which indicate when the liner is more susceptible to oxidation, and ultimately reflects integrity of the liner. It is recommended that during design for phase 3 and/or 4 that the liner be sampled again for OIT and HPOIT values, which would indicate the speed at which oxidation of the liner would occur. Based on sampling results during the design phase of the next project, a baseline for oxidation time could be establish between the tests from 2020 and future tests. The test results would yield when the Cell 1 & 2 liner replacement would be recommended whether it be in the next 7 to 10 years or 10 to 20 years.

3.2.9 Treatment Standards

Please see Section 3.2.9 Treatment Standards in the 2018 PER for additional information.

The City of Thompson Falls currently discharges to the Clark Fork River with coverage under the Montana Domestic Sewage Treatment Lagoons-Continuous Dischargers. The City received their most current MPDES Permit (MTG581035) in December of 2017. The permit was effective starting January 1, 2018 and expires on December 31, 2022. The authorization letter and continuous discharge permit can be found in Appendix N.

Organic Loading

The City's current permit limits per the 2018 Permit No. MTG581035 can be seen in Table 3-6 as well as the specific mass-based limits included in the City's most recent permit. The mass-based limits also serve as the non-degradation allocated load limits for the City.

Table 3-6 - Existing Permit Limits (MTG581035)

Parameter	Unit	Average Monthly	Average Weekly
Influent 5-day Biochemical Oxygen Demand (BOD_5)	mg/L	30	45
	% removal	85	NA
Specific Mass-Based Limit			
Influent 5-day Biochemical Oxygen Demand (BOD_5)	Lbs/day	22	53
Influent Total Suspended Solids (TSS)	mg/L	30	45
	% removal	85	NA
Specific Mass-Based Limit			
Influent Total Suspended Solids (TSS)	Lbs/day	35	53
pH	SU	6.0-9.0	
E. Coli bacteria - summer	# organisms/100 mL	126	252
E. Coli bacteria – winter	# organisms/100 mL	630	1,260

The City currently conducts influent wastewater sampling and testing for temperature, BOD and TSS as required by their discharge permit. Influent wastewater characteristics are not available for the expanded collection system for Phases 1-4. Influent wastewater characteristics for the expanded collection system are based on existing wastewater characteristics and book values.

Table 3-7 shows the DEQ-2 loading rate and textbook domestic wastewater values.

Table 3-7 - Annual Average Influent Wastewater Loading Design Basis

Contaminants	Unit	Textbook Loading Rate	DEQ-2 Loading Rate	Basis of Design
Influent 5-day Biochemical Oxygen Demand (BOD_5)	lb/day/cap	0.11 - 0.26	0.20	0.20
Influent Total Suspended Solids (TSS)	lb/day/cap	0.13 – 0.33	0.22	0.22
Influent Ammonia (NH_4-N)	lb/day/cap	0.011 – 0.026	-	0.025
Total Kjeldahl Nitrogen (TKN)	lb/day/cap	0.020 – 0.048	0.033 (TN)	0.033
Total Phosphorus (TP)	lb/day/cap	0.006 – 0.010	0.009	0.007

Table 3-7 indicates that DEQ-2 loading rates are in the mid-range of textbook values. Loading rates recommended in DEQ fall within mid-range textbook values with the exception of phosphorous. Based on this comparison, the basis of design for loading rates will use DEQ values

with the exception of phosphorous. With the advancement of phosphorous free detergents, phosphorous loadings have decreased in recent years. Textbook values and DEQ 2 loadings tend to represent phosphorous loading prior phosphorous reductions in detergents. Accordingly, it is justified to use phosphorous loadings on the lower end of the textbook range.

Influent loading characteristics for the system are based primarily on characteristics of residential flows. It is assumed that 1 lot accounts for 1 EDU equaling 2.05 people per lot. This allows for a population to be calculated. Based on the criteria listed above, Table 3-9 summarizes the treatment phase design loads for the Thompson Falls Wastewater Facility treatment upgrades that will begin construction in 2020. The existing influent loading wastewater characteristics were used for the existing 194 residents based on existing monitoring data; for the additional 1,159 residents loading was calculated based wastewater characteristics outlined in Table 3-8.

Table 3-8 - Annual Average Influent Wastewater Treatment Loading Design Basis

Parameter		Units	Existing System	20-Year Design Period
Population			**194**	**1353**
Influent 5-day Biochemical Oxygen Demand (BOD5)	Annual Average	mg/L	288	207
		lb/day		335
	Winter Max Month	mg/L	291	
		lb/day		
	Summer Max Month	mg/L	281	
		lb/day		
Influent Total Suspended Solids (TSS)	Annual Average	mg/L	300	224
		lb/day		362
	Winter Max Month	mg/L	365	
		lb/day		
	Summer Max Month	mg/L	269	
		lb/day		
Influent Ammonia (NH4-N)	Annual Average	mg/L		28
		lb/day		45
Influent Total Kjeldahl Nitrogen (TKN)	Annual Average	mg/L		
		lb/day		
Influent Total Phosphorus (TP)	Annual Average	mg/L		5.9
		lb/day		9.5
Flow	Average Day	MGD	0.035	0.194
	Peak Day	MGD	0.071	0.375
	Peak Hour	MGD	0.146	0.719

Table 3-9 - Treatment System Design Influent Loading Wastewater Criteria

Parameter	Existing System Population (194)	Unsewered Expansion (1159)	20-Year Planning Period (1353)
Biochemical Oxygen Demand (BOD_5)	103 lb/day[1]	232 lb/day[2]	335 lb/day
	288 mg/L	148.2 mg/L	207 mg/L
Total Suspended Solids (TSS)	107 lb/day[1]	255 lb/day[3]	362 lb/day
	300 mg/L	164 mg/L	224.03 mg/L
Total Nitrogen (TN)	mg/L	24.5	28
	lbs/day	38.3 [4]	46 [4]
Total Phosphorus (TP)	mg/L	5.2	5.9
	lbs/day	8.2 [5]	9.5 [5]

[1]BOD5 & TSS for existing system loading determined by multiplying average influent flow rate (42,709 gpd) for 2014-2019 by the average influent concentration obtained from 2014-2019 monthly sampling logs.
[2] BOD loading per DEQ2 = 0.2 ppcd
[3] TSS loading per DEQ2 = 0.22 ppcd
[4] TN loading per DEQ2 = 0.033 ppcd
[5] TP loading per DEQ2 = 0.007 ppcd

The treatment system upgrades have been designed to accept all Phases 1-4 and the existing original collection system organic loading. The treatment system improvements will start construction in 2020. No upgrades to the treatment system will be necessary to accept Phase 3 and 4 organic loads.

Existing Treatment Standards

The complete mix/partial mix covered lagoon and polishing reactor system will be constructed starting in 2020 and will meet the requirements of the City's MPDES continuous discharge permit (MTG581035). See Appendix N for current MPDES permit.

The treatment plant will connect to the existing effluent manhole and will continue dispose effluent via the existing effluent piping and discharge structure. No upgrades to the effluent disposal piping or discharge structure will be necessary to dispose of Phase 3 and 4 effluent.

The treatment system to be constructed in 2020/2021 has been designed meet the required treatment system design in Table 3-10 below. The upgraded treatment system will be able to treat effluent to meet the existing and proposed future limits for current system loading as well as Phase 1-4 system loading.

Table 3-10 - Treatment System Improvement Design Effluent Limits

Parameter	Units	20-Year Planning Period (1353)
Biochemical Oxygen Demand (BOD_5)	30-day (mg/L)	10
Total Suspended Solids (TSS)	30-day (mg/L)	10
	7-day (mg/L)	
Ammonia	30-day (mg/L)	3
	lbs/day	
E. coli summer (April 1 – Oct 31)	Cfu/100 ml	126 (monthly) / 252 (weekly)
E. coli winter (Nov 1 – March 31)	Cfu/100 ml	630 (monthly) / 1,260 (weekly)
Oil & Grease	Mg/L	10 (max. daily)

Future Treatment Standards

Tables 3-8 and 3-9 summarize the effluent characteristics for the existing Thompson Falls treatment system. Per the existing 2018 MTG581035 permit and the Fact Sheet for the 2017 General Permit (GP), Thompson Falls is considered a Continuous Discharger. The Reasonable Potential (RP) analysis performed for the 2018 GP used the existing facility's design flow of 0.14 MGD. As presented in the section above, the design treatment capacity for the system is 0.20 MGD for an average day design. RP calculations were performed for the new design flow and determined that no RP exists for exceedances for TN, TP, Ammonia, or Nitrate + Nitrite at the average day design flow of 0.20 MGD for the 20-year Planning Period.

The facility will still fall into Group A for BOD and TSS limits at National Secondary Standards, which is unchanged from the City's current general permit.

Montana DEQ has indicated that there may be changes in nutrient variance rules that regulate nutrients in Montana. The current treatment system upgrades include a polishing reactor to treat ammonia, additionally with the complete mix/partial mix covered lagoon system, there are options for additional treatment processes to be constructed at the treatment site. Recently the EPA disapproved the State of Montana's proposal for the general nutrient variance rule. This eliminates DEQ-12A, a letter from DEQ is Attached in Appendix N. Any changes in Montana numeric nutrient criteria will continue to be monitored in Thompson Falls within the 20-year design period of this PER, as a result treatment design limits will remain as outlined in Table 3-10 and the current 2020/2021 construction project.

Biochemical Oxygen Demand (BOD)

BOD_5 for the current permit limit is set at the national secondary standard of 30 mg/L and 85% removal of BOD_5 from the treated wastewater (influent to effluent) is required. Additionally, DEQ has provided Thompson Falls with an average monthly mass-based load limit of 22 lb/day.

Current non-degradation allocated loads for BOD_5 and TSS are calculated by using permit limitations and design flows in place on April 29, 1993. In order to ensure the upgraded treatment facility can meet non-degradation requirements, the most stringent permit limitations since 1993 for both BOD_5 and TSS will be applicable for the City's permit.

Under the most recent Fact Sheet for the City's coverage under the General Permit, if the City is in compliance with the conditions of the permit and do not exceed the permit limits, they will not be considered a new or increased source and still qualify for coverage under the general permit.

To meet current mass-based treatment limits/non-degradation allocated load for BOD_5, the maximum average monthly discharge at 30 mg/L is 87,930 gallons per day.

MDEQ uses the following equation to set the mass-based limits for 30-day average load:

30-day average load (lb/day) [22 lb/day] = avg daily design flow (mgd) x 30-day avg concentration limit (mg/L) x 8.34 conversion

Per the equation above and the 20-year Planning Period average design flow of 200,000 gpd, the treatment system will need to treat to an average monthly BOD of 30 mg/l. BOD loading will not exceed 22 lb/day with the new treatment system.

Sludge

Sludge will be removed and disposed of from Cell 1, Cell 2 and Cell 3 in the current Phase 1 and 2 project beginning construction in 2020. Sludge depth in the existing lagoon system was measured in October 2019, see Appendix JJ.

Sludge depth within the new treatment system should be periodically measured and tested to determine compliance with design criteria and regulatory requirements. Typical monitoring should be performed every 5 years.

3.2.10 Operational and Management Practices and Capabilities

Please see Section 3.2.10 Operational and Management Practices and Capabilities in the 2018 PER for additional information.

The Director of Public Works, Neil Harnett, overseas the operation and management of the sewer system and is responsible for supervising staff and insuring the overall operation and maintenance of the wastewater facilities. Under Mr. Harnett's direction, the staff is responsible for the daily operation and maintenance of the collection system, included the Main Lift Station and forcemain and the daily operation and maintenance of the treatment facility.

When the treatment system upgrades and Phase 1 and 2 collection systems are operational, the City add additional operational and maintenance (O&M) costs and time onto the existing system. The O&M cost will be paid for by the entire system. With the current Phase 1 and 2 collection system, O&M costs will be paid for by the existing users and users in Phase 1 and 2. As Phase 3 and 4 connect to the existing treatment system, the O&M costs for the treatment system will be shared with the existing phases and the new phases. These costs include additional hours for a system operator and costs for operating additional lift stations and generators.

The City Public Works staff has done a great job maintaining and operating the existing wastewater collection and treatment system. All components of the system are on a regular maintenance schedule and the operator keeps good, daily records of the system operation and maintenance efforts.

3.3 Financial Status of Existing System

Please see Section 3.3 Financial Status of Existing System in the 2018 PER for additional information.

In April 2019, the City passed resolutions to assess the Phase 1 and 2 parcels in the City to provide funds for the current Phase 1 and 2 operations and necessary planning efforts. The City created Special Improvements District (SID) 1 and 2 for parcels in Phase 1 and 2, respectively. The assessment is approximately $300/parcel annually for 20 years. All parcels that will connect to the collection system will be assessed in a similar fashion. It is anticipated that funding agencies will require future Phase 3 & Phase 4 to create SID 3 and SID 4 with a similar $300 annual assessment for all parcels connecting to the system.

Additionally, monthly user rates for the sewer rates will be charged the same throughout all SIDs created for Phase 1-4 collection system improvements.

Income and expenditures for the water system, including operations and maintenance, are included in the Sewer account under the City's accounting system. A summary of the operation expenses and expenditures in the 2018 PER has been updated for to show years 2017, 2018 and 2019 in Table 3-11. Supporting data is included in Appendix R. The City currently pays on one Rural Development loan. The outstanding balance as of June 2019 was $156,290. The final payment on the loan will be made in August 2033.

Table 3-11 - Thompson Falls Sewer Financial Summary

Description	07/16-06/17	07/7-06/18	07/18-06/19
Expenses			
Operating Expenses	$ 176,550.00 (1)	$ 131,525.00 (2)	$ 223,143.00 (3)
Debt Service	$ 20,622.00	$ 13,749.00	$ 13,749.00
Reserves	-	-	-
Total Expenses	**$ 197,172.00**	**$ 145,274.00**	**$ 236,892.00**
Income			
Sewer Revenues	$ 109,641.00	$ 112,454.00	$ 123,228.00
Investment and Royalty Earnings	$ 270.00	$ 231.00	$ 720.00
Other (proceeds from Grant and Loans)	$ 69,500.00	$ 91,360.00	$ 55,333.00
Total Income	**$ 179,411.00**	**$ 204,045.00**	**$ 179,281.00**
Net Profit	**$ (17,761.00)**	**$ 58,771.00**	**$ (57,611.00)**

(1) Includes $69,500 grant reimbursed work

(2) Includes $91,360 grant reimbursed work

(3) Includes $55,333 grant reimbursed work

The current proposed sewer-based rate for the Phase 1 and 2 project is $65.00 per month per EDU for residential accounts and $70.00 per month per EDU for commercial accounts for the first 4,000 gallons of discharged wastewater. An additional $4.10 per 1,000 gallons after 2,000 per month is assessed for both residential and commercial accounts. The discharge volume is an annual calculation, based upon the average monthly water consumption, from water meter records, for January through May and November through December from the previous year. The number of equivalent dwelling units (EDU) for the current sewer system users is 187. Average sewer bill calculations and supporting data is included in Appendix DD. EDU distribution between the existing system has been estimated for each phase in Table 3-12 below. The number of EDU's in Table 3-12 are representative of projected current paying EDUs, while the total EDU's

in Table 3-1 reflect the number of projected EDU's by phase for future build-out and design flow analysis. The EDU count in the table below is used as a basis for the user rate analysis in this report.

Table 3-12 - EDU Summary by Phase

Phase	Residential	Residential EDUs	Commercial connections	Commercial EDUs	Total EDUs
Phase 1[(1)]	*177*	*177*	*13*	***19***	*196*
Phase 2[(1)]	*126*	*126*	*6*	***16***	*142*
Phase 3	150	150	7	7	157
Phase 4	117	117	17	23	140
Subtotal	**570**	**570**	**43**	**65**	**635**
Original Existing System	82	82	46	105	187
Total	**652**	**652**	**87**	**170**	**822**

(1) Constructed in 2020/2021

3.4 Deficiencies Identified

Please see Section 3.4 Deficiencies Identified in the 2018 PER for additional information.

The original existing system deficiencies are identified in detail in the noted section of the 2018 PER. Parts of the existing collection system mains date back to 1948 and are suffering from root intrusion and settling, which can result in increased infiltration and inflow as well as sewer backups. The existing system deficiencies have been included into the current project scheduled to begin construction in 2020 and have been broken out into separate schedules in case of a funding short fall to ensure the base bid project for the collection system expansion and treatment system upgrades can be awarded.

Of primary concern for the City of Thompson Falls is the large area of the community that is not connected to the public wastewater system. Approximately 560 homes and 3 schools north of US Highway 200 are served by individual onsite wastewater treatment systems (septic). Per the Sanders County Sanitarian, many of these septic systems are aging and a number have failed in recent past. Given the lot size the soil characteristics of this area of the City, replacement systems are often times "substandard" meaning that they do not meet DEQ design requirements or the permitting requirements of the County. The primary purpose of the PER is to determine the feasibility of connecting the unsewered area of the City and evaluating the impact to the existing

sewer system. Based upon analysis included in Section 3.2.9 above and 3.2.9 in the 2018 PER, the existing treatment system would not be able to meet non-degradation allocated load limits for BOD and TSS with the increased organic loading from the proposed expansion with upgrades to the treatment system. As such, the current 2020/2021 treatment system upgrades will be capable of treating expanded flows from Phase 1 through 4 to limits as outlined in Table 3-10.

3.5 Water/Energy/Waste Audits

There have been no water, energy, or waste audits recently conducted by the District.

4.0 NEED FOR PROJECT

As mentioned, there is a large portion of the community of Thompson Falls which are currently served by private septic systems, including approximately 560 residential homes and three schools. These systems are often not in compliance with today's regulations and are beginning to fail. Lot size limitations prevent replacement with compliant on-site systems and the Sanders County Sanitarian has reported substandard installations, Appendix T of the 2018 PER. Substandard systems are incapable of reducing nutrients and pathogens to safe levels prior entry to Montana's high-quality waters.

As indicated in the previous section, the City's existing sewer system also has deficiencies that need to be addressed. Some of the collection system mains date back to 1948, and are suffering from root intrusion and settling, which can result in increased infiltration and inflow and sewer backups and overflows. The Main Lift Station also does not have permanent back up power and poses a potential for system backups and overflows.

Based on the City's situation outlined above, it is necessary for the City to explore options to connect the unsewered area of the City to the central sewer system, as well as address deficiencies in the current wastewater system. If nothing is done to address the deficiencies in the wastewater system, there will continue to be adverse impacts on the environment and human health.

4.1 Health, Sanitation and Security

The U.S. EPA acknowledges that overflows of untreated sewage can contaminate waters and cause serious water quality problems. The EPA's National Enforcement Initiative (FY 2017-2019), lists public health and environmental implications associated with pollutants in raw sewage. The agency acknowledges that overflows of untreated sewage as well as back-ups into basements on the surface cause property damage and threaten public health. Raw sewage carries *"disease-causing microorganisms [that] can cause fever, abdominal cramps, diarrhea, vomiting or infections of open cuts or rashes," and* human exposure to raw sewage can lead to *"infections of the internal organs, such as hepatitis."*

Frequent blockages from roots and other debris within the sewer main have required emergency cleaning to prevent backups of sewage into peoples' homes and surfacing of raw sewage onto

streets and in yards in residential areas which could ultimately make its way to the Clark Fork River. When the main backs up, the manholes upstream surcharge creating a potential for raw sewage to back up into homes and ultimately overflow, creating a significant water quality issues and threat to public health and safety.

In addition, the quantity and density of septic systems within the unsewered area of the City poses an immediate threat to human health and safety as well as natural resources of the area. A 2015 letter from the Sanders County Sanitarian, Appendix T, indicates that the lot sizes and site conditions of the “hill area”, or unsewered area, make design of on-site subsurface systems challenging. The letter expresses concern that the aggregate of the 500 plus discharge sources on the hill present a potential for contamination. Data from the sanitarian indicate that more than 57% of systems on the hill permitted since 1995, when the County implemented a permitting system, are substandard or “last resort” systems. The remaining systems are of unknown origin, type or condition. It is the estimate of the sanitarian that in the coming years, approximately 195 additional substandard systems will be installed in the coming years.

Potential health threats from consuming water containing untreated or inadequately treated sewage include bacterial pathogens such as:

- E. coli O157: H7,
- Salmonella,
- Salmonella typhi,
- Shigella,
- Campylobacter,
- Vibro cholera,
- Pseudomonas, and others

Diseases that can be caused by drinking sewage-contaminated groundwater include waterborne viruses and protozoa such as:

- Severe Acute Respiratory Syndrome (SARS),
- Hepatitis,
- Polio,
- Giardiasis,
- Cryptosporidiosis, and
- Parasites

In addition to microbially-mediated disease, untreated wastewater can also result in exposure to heavy metals, carcinogenic organic compounds, and endocrine-disrupting compounds and pharmaceutical products. Per the EPA, sensitive populations such as children, the elderly and those with weakened immune systems can be at a higher risk or illness from exposure to sewage.

4.2 System O&M

The City of Thompson Falls public works director has indicated concerns with the ongoing maintenance issues from the aging system. As the system has aged, it does not operate as efficiently as it once did. As described above, portions of the existing system are in need of attention. In addition, inflow and infiltration identified within the existing system decreases the efficiency and capacity of the system, utilizing an unnecessary amount of energy.

The improvements to the existing system proposed in this report will resolve the deficiencies identified in the system. As part of developing a proposed solution for the community's sewer system, this report will evaluate existing and future discharge permit requirements and the existing system's ability to meet those requirements, as well as the condition and capacity of the collection and treatment system to accept the proposed system expansion. The alternatives analysis will ensure the recommended improvement alternatives provide the most efficient and economical solution to the identified system deficiencies.

The operation and maintenance responsibilities associated with individual onsite septic systems in the unsewered area are left up to each homeowner and/or business owner. This usually includes cesspool sludge removal or septic tank pumping, and occasional unclogging of effluent lines when obstructions cause the system to back-up. This can be potentially harmful to groundwater quality and nearby residents.

4.3 Growth

Thompson Falls offers significant outdoor recreation opportunities. The existing recreational opportunities enhance the community's economy while at the same time serving Thompson Falls residents. Traditionally a resource-based economy, Thompson Falls has seen a significant decline in timber sales and other resource production, leaving the community economically distressed. The City has worked hard in recent years to rebrand and seek out different economic opportunities, including tourism and recreation. The City's location to the mountains and river draw people from across the Country to fish and hunt. The River is the main attraction for

residence and visitors, and the City's location allows for easy access for fishing, boating and site seeing.

The potential for discharge of raw wastewater to the Clark Fork River, and continued degradation of groundwater from substandard onsite wastewater system could have a severe impact on the recreational and tourist economy Thompson Falls.

Current wastewater issues are a barrier to residential and commercial growth. Interested parties are cautioned that wastewater treatment for new development and replacement of existing infrastructure is determined on a case-by-case basis. They are told space for proper wastewater treatment and disposal is limited and Sanders County therefore cannot guarantee a system can be permitted and installed. This not only presents a challenge for current residents but stymie additional growth and could become a significant issue if the Rock Creek mine proceeds, as addressed above.

Constructing an affordable central wastewater system is a long-term solution that will resolve acute wastewater issues, promote community growth, prevent contamination of public and private drinking water supplies, and protect public health. Sanders County Sanitarian Mr. Sorenson has emphasized that if a central wastewater system wasn't installed, then there may come a time when the County would be unable to issue permits.

Additionally, with a median household income (MHI) of $30,595 (2015 American Community Survey), the City of Thompson Falls is one of the Montana's poorest communities. Only 47 of Montana's 353 cities and towns have a lower MHI than Thompson Falls. Reliant, affordable public infrastructure is the foundation to vitality of any community. The proposed project will help the City develop a plan for addressing deficiencies in its wastewater system and services with a focus on keeping user rates and taxes as low as possible. Additionally, with the wastewater system functioning properly, the City will be able to focus its limited resources on other important capital improvements.

4.4 Unresolved Problems

This report investigates the existing system deficiencies as well as presenting alternatives for expansion of the existing collection system to serve the unsewered area of the community north of US HWY 200. Due to the size, scope and cost of the proposed improvements; Section 9.0 of this report will discuss project phasing. Described in greater detail later, project phasing has been

setup to address the most pressing deficiencies identified in the existing system first. Collection system expansion is setup to provide service to the elementary and junior high schools first as well as higher density lots within the western and central areas of the hill area.

Upon completion of the proposed collection system and treatment system improvements, recommended in the PER, no unresolved problems will remain for the City of Thompson Falls sewer system.

4.5 Aging Infrastructure

As discussed in Section 3.2.1, 3.2.6, 3.2.7 of the 2018 Wastewater PER, the majority of the Thompson Falls community utilizes on-site septic systems and drainfields and are not connected to the centralized wastewater collection system. Many of these lots are small and unable to install conventional septic systems capable of meeting current Montana DEQ standards. These individual systems are managed entirely by each homeowner and/or business owner. Therefore, the financial status is directly associated with each owner. Although onsite systems are inexpensive to operate and maintain, they will fail at some point in time causing the large instantaneous financial burden of a replacement system. In Thompson Falls, many homes are either already using a replacement area, no replacement area exists, or no other permittable site is available for construction of a new system.

4.6 Reasonable Growth

The City of Thompson Falls has little room left within its current city limits to grow. If the City is to grow substantially, it will most likely do so through annexation of surrounding areas. The planning area and populations are detailed in Section 2.5 of the 2018 Wastewater PER and 2.5 of this PER update.

5.0 GENERAL DESIGN REQUIREMENTS

Please refer to the 2018 Thompson Falls Wastewater System PER except where noted.

5.1 Circular DEQ 2: Design Standards for Wastewater Facilities

Please see Section 5.1 Circular DEQ 2: Design Standards for Wastewater Facilities in the 2018 PER.

5.2 Existing and Design Flows

Please refer to Chapter 3 of this 2020 PER update.

5.3 Hydraulic and Organic Loading

Please refer to Chapter 3 of this 2020 PER update.

5.4 Regulatory Requirements and Permits

Please refer to the Regulatory Requirements and Permits Section 5.4 of the 2018 PER and Chapter 3 of this 2020 PER update for additional information.

5.5 TMDL Considerations

Please refer to the Section 5.5 TMDL Considerations of the 2018 PER.

5.6 Treatment

Please refer to the Section 5.6 Treatment of the 2018 PER.

5.7 Collection

Please refer to the Section 5.7 Collection of the 2018 PER.

5.8 Lift Stations

Please refer to the Section 5.8 Lift Stations of the 2018 PER.

5.9 Sludge

Please refer to the Section 5.9 Sludge of the 2018 PER.

6.0 ALTERNATIVE SCREENING PROCESS

Please refer to the 2018 Thompson Falls Wastewater System PER except where noted.

6.1 Collection System

Please refer to the Section 6.1 Collection System in the 2018 PER.

6.2 Lift Station Alternatives

Please refer to the 6.2 Lift Station Alternatives in the 2018 PER.

All lift station improvements are included in the collection system alternatives for the remainder of this report.

6.3 Treatment System

Please refer to the 6.3 Treatment System in the 2018 PER.

7.0 ALTERNATIVE ANALYSIS

Please refer to the 2018 Thompson Falls Wastewater System PER except where noted.

7.1 Collection System Alternatives

Please refer to Section 7.1 Collection System Alternatives in the 2018 PER.

7.2 Treatment Alternatives

Please refer to the 7.2 Treatment Alternatives in the 2018 PER.

8.0 SELECTION OF AN ALTERNATIVE

Please refer to Chapter 8 of 2018 Thompson Falls Wastewater System PER except where noted.

8.1 Ranking Criteria

Please refer to Section 8.1 Ranking Criteria in the 2018 PER.

8.2 Scoring of Collection System Alternatives

Please refer to Section 8.2 Scoring of Collection System Alternatives in the 2018 PER.

8.3 Scoring of Treatment Alternatives

Please refer to Section 8.3 Scoring of Treatment Alternatives in the 2018 PER.

8.4 Decision Matrix and Selection of Preferred Alternative

Please refer to the 8.4 Decision Matrix and Selection of Preferred Alternative in the 2018 PER.

9.0 DETAILED DESCRIPTION OF PREFERRED ALTERNATIVE

Please refer to the 2018 Thompson Falls Wastewater System PER Chapter 9 except where noted.

9.1 Site Location and Characteristics

Please refer to the Section 9.1 Site Location and Characteristics of the 2018 PER.

9.2 Operational Requirements

Please refer to the Section 9.2 Operational Requirements of the 2018 PER.

9.3 Impact on Existing Facilities

Please refer to the Section 9.3 Operational Requirements of the 2018 PER and Chapter 3 of the PER update.

9.4 Design Criteria

Please refer to the Section 9.4 Design Criteria of the 2018 PER for additional information.

As discussed throughout this report and specifically in Chapter 3, the existing system deficiencies and Phase 1 and 2 of the collection system and treatment system improvements will begin construction during the summer of 2020.

Phase 3 and Phase 4 collection system expansion as shown in Figure 9-1, 9-2, and 9-3, the two planned phases will expand and construct additional collection system in the most highly populated areas of the City limits that are currently unsewered. No additional improvements would be made to the treatment system.

9.4.1 Treatment

Please refer to the Section 9.4.1 Treatment of the 2018 PER for additional information.

No additional improvements will be made to the treatment site. The treatment system will be constructed in 2020/2021 and has been sized for the existing system plus Phase 1 through 4 collection system flows.

The upgraded treatment site layout that will be constructed in 2020/2021, is shown in Figure 3-3. The process flow diagram for the system can be found in Appendix II.

9.4.2 Lift Stations

Please refer to the Section 9.4.2 Lift Stations of the 2018 PER for additional information.

The Phase 3 as well as Phase 4 collection system will deliver wastewater and connect to Phase 1 and 2 collection system. The lift stations would be of the submersible type. With these type of lift stations, the wastewater is delivered to a concrete storage tank (wet well) with level controls and submersible wastewater pumps. The submersible pumps would be attached to sliding rails that allow pumps to be retrieved for maintenance, repair and replacement.

State design standards require that lift station pumps have the capacity that, with any unit out of service, the remaining units will have the capacity to handle the peak hourly flow. For a duplex lift station, each pump must therefore be sized for the peak hourly flow. The standards also require that forcemains be designed to provide self-cleaning velocities of at least 2 ft/sec. A 4-inch forcemain is currently proposed, however, this may be modified during the design stage depending on the flow rate and pump selected.

A section of the collection system in Phase 3 near N. Adams St. and 5th Ave. will be a low-pressure gravity sewer forcemain. If this section were to be gravity services, the sewer main along N. Adams and the most easterly section of 5th Ave. would need to be much deeper or an additional smaller lift station installed. Additionally, installation of a 2-inch low pressure main can be installed with directional drilling equipment, minimizing surface disturbances and traffic control requirements. Installation methods for the low pressure forcemain will be evaluated during design based on geotechnical recommendations specific for this area.

9.4.3 Collection System

Please refer to the Section 9.4.3 Collection System of the 2018 PER for additional information.

Wastewater generated in each home will be discharged to a central collection system. The central collection system consists of a network of 8-inch diameter sewer mains, 6-inch and 4-inch diameter forcemains, and manholes generally located in the City's streets rights-of-way. The sewer pipes will be buried a minimum of 4-feet. The vast majority of the gravity mains will be buried between 4-feet to 7-feet to minimize excavation in areas of dense rock and large boulders in the area and noted in the Geotechnical Report that was completed for the Phase 1 & 2 project (Appendix FF).

The unsewered area of Phase 3 in the City is generally a typical grid street system with alleys running north-south between many of the streets. The predominant topography in the area of Phase 3 is from north to south with a collection main and lift station near the intersection of Preston Ave. and Clay St. that will pump sewer to Lift Station #2 in the current construction project. Installation of gravity mains within some of these alleys is a possibility, which will limit the number of individual grinder pumps that would be needed. As part of the design for the Phase 1 and 2 project, a LiDAR survey was completed and flown over the entire City limits. The elevation from the LiDAR survey was used to assist the layout of the remaining Phase 3 and 4 collection system. A portion of Phase 3 along 5th Ave. and Adams St. is proposed to be a lot pressure sewer system that will connect the 8-inch gravity main on Church St. (see Figure 9-1).

Phase 4 of the proposed collection system is not generally the same grid street system. The predominant topography in the northern section of Phase 4 is from the east to west with the gravity main flowing from the east to west and connecting into Phase 3 collection gravity system on N. Church St. The southern section of Phase 4 will gravity towards the proposed Lift Station #4 near Golf St. and pump via forcemain to the Phase 3 Lift Station #3.

<u>Collection System Design Details for Phase 3</u>

Type:	Standard Gravity Main with Lift Station #3 to Lift Station #2 (from Phase 2)
Maximum Pipe Length:	400 LF
Pipe Diameter:	8-inch for gravity main
Design Grade of Sewer:	meeting regulatory minimum per pipe size
Pipe Material:	Polyvinylchloride – PVC (SDR 35) for Gravity Pipe

Pipe Depth of Bury:	4-feet to 12-feet
Number of Manholes:	40
Manhole Type and Size:	48-inch reinforced concrete

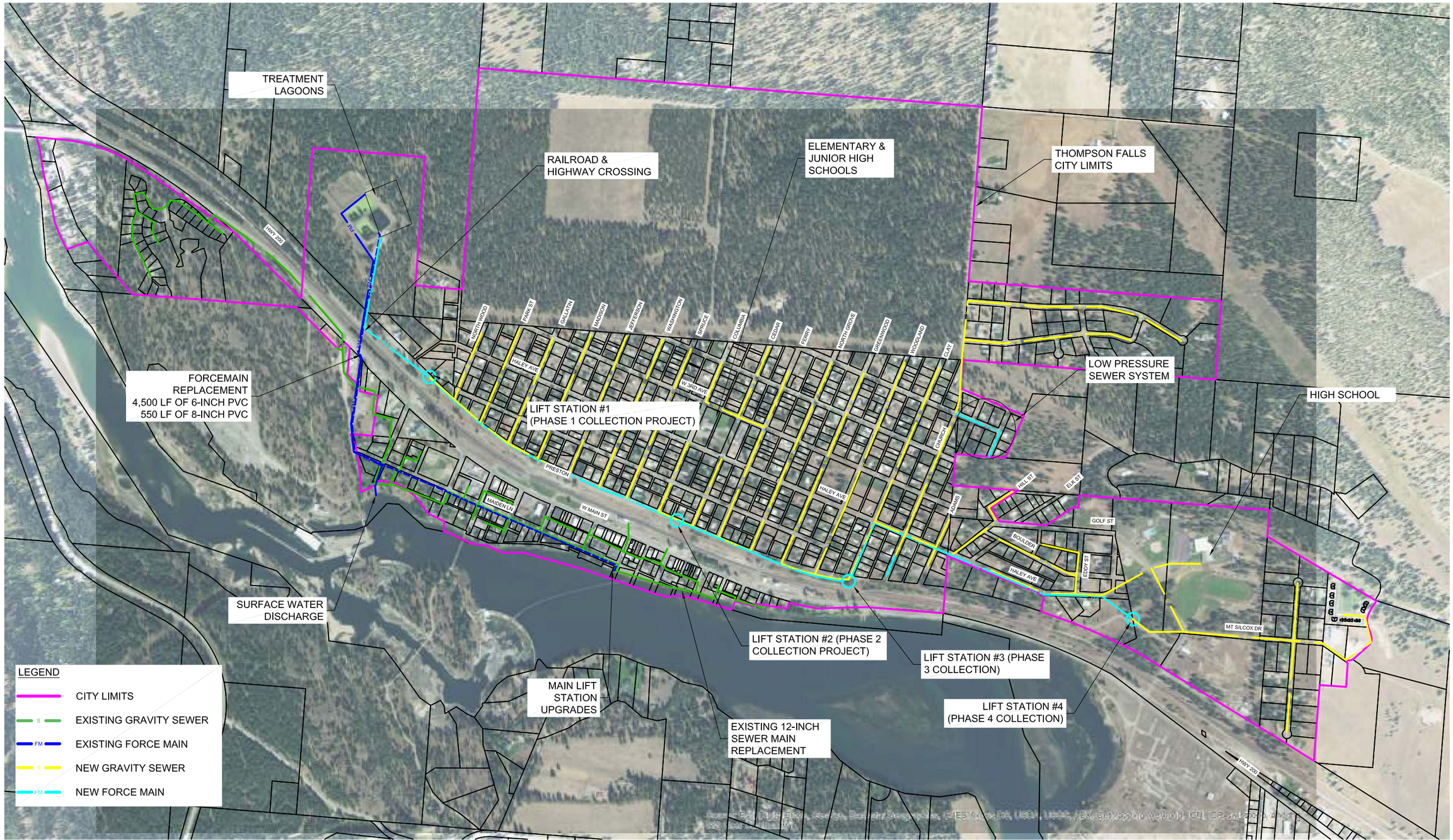

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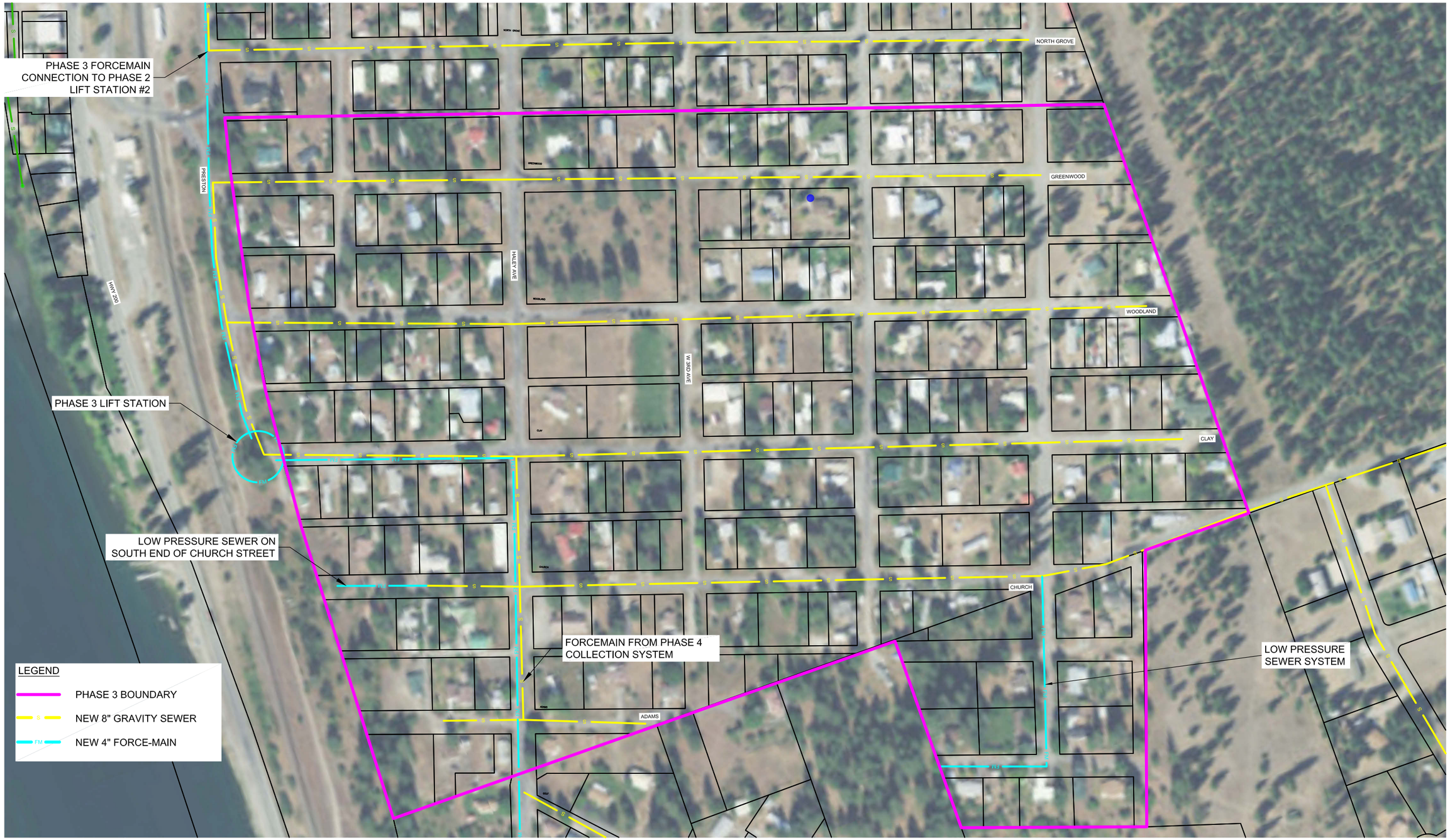
Figure 9-1
COLLECTION SYSTEM ALTERNATIVE C1 - LAYOUT

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM PER

F:\1-16137-Thompson Falls Wastewater PER\CADD 1-16137\Exhibits\2020 PER Update Exhibits\1-16137-Fig 9-1 CollectionLayout.dwg



0 125 250
SCALE IN FEET

NORTH

GreatWest engineering®

Figure 9-2
PHASE 3 COLLECTION SYSTEM LAYOUT

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM PER

F:\1-16137-Thompson Falls Wastewater PER\CADD 1-16137\Exhibits\2020 PER Update Exhibits\1-16137-Fig 9-2 Phase 3 Collection Layout.dwg

LOW PRESSURE
SEWER SYSTEM

PHASE 4 LIFT STATION

LEGEND

PHASE 4 BOUNDARY

S NEW 8" GRAVITY SEWER

FM NEW 4" FORCE MAIN

0 125 250
SCALE IN FEET

FIGURE 9-3
PHASE 4 COLLECTION SYSTEM LAYOUT

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM PER

F:\1-16137-Thompson Falls Wastewater PER\CADD 1-16137\Exhibits\2020 PER Update Exhibits\1-16137-Fig 9-3 Phase 4 Collection Layout.dwg

9.5 Environmental Impacts and Mitigation

Please refer to the Section 9.5 Environmental Impacts and Mitigation of the 2018 PER for additional information.

9.6 Cost Summary

9.6.1 Total Project Cost Estimate

Table 9-1 provides a total opinion of probable cost for Phase 3 for the proposed collection system project. The total opinion of probable cost for Phase 4 of the proposed collection system project can be found in Table 9-2 and Appendix HH.

Table 9-1 - Opinion of Probable Cost - Phase 3 Collection System Improvements

OPINION OF PROBABLE COST PHASE 3 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)					
#	**BID ITEM**	**QTY**	**UNITS**	**UNIT PRICE [1]**	**TOTAL**
1	Exploratory Excavation	50	HR	$ 350.00	$ 17,500
2	8" PVC SDR 35 Sewer Main	11,697	LF	$ 75.00	$ 877,275
3	Imported Backfill	1,733	CY	$ 28.00	$ 48,521
4	Standard Manholes	40	EA	$ 4,600.00	$ 184,000
5	Service Connection at Main	181	EA	$ 275.00	$ 49,775
6	Gravity 4" Sewer Service Line	16,200	LF	$ 35.00	$ 567,000
7	4" Sewer Service Connection at Home	181	EA	$ 500.00	$ 90,500
8	4" Sewer Service Cleanout	543	EA	$ 200.00	$ 108,600
9	Grinder Pump Service Unit	26	EA	$ 8,500.00	$ 221,000
10	Grinder Pump Service Unit Connection to Existing	14	EA	$ 400.00	$ 5,600
11	Grinder Pump Service Unit Connection at Grinder	26	EA	$ 275.00	$ 7,150
12	Pressure Service Connection at low Pressure Forcemain	12	EA	$ 300.00	$ 3,600
13	1.5" Curb Stop/Check Valve	19	EA	$ 300.00	$ 5,700
14	Pressure 1.5" HDPE Service Line	1,900	LF	$ 25.00	$ 47,500
15	Low Pressure Forcemain (1.5" HDPE)	780	LF	$ 30.00	$ 23,400
16	Abandon Existing Septic Tanks	181	EA	$ 1,500.00	$ 271,500
17	Service Line Surface Restoration	18,100	LF	$ 20.00	$ 362,000
18	Lift Station #3	1	LS	$ 150,000.00	$ 150,000
19	Lift Station #3 Emergency Generator	1	LS	$ 125,000.00	$ 125,000
20	4" Forcemain	1,900	LF	$ 50.00	$ 95,000
21	4" Forcemain Fittings	12	EA	$ 1,400.00	$ 16,800
22	Sidewalk Removal & Replacement	600	SF	$ 28.00	$ 16,800
23	Curb Removal & Replacement	500	LF	$ 25.00	$ 12,500
24	Rock Hammer	1,170	HR	$ 300.00	$ 350,910
25	Type A Surface Restoration (AC)	12,477	LF	$ 45.00	$ 561,465
26	Type B Surface Restoration (Agg)				$ -
27	Type C Surface Restoration (Open)				$ -
28	Electrical	20%	LS	$ 275,000.00	$ 55,000
29	Instrumentation and Control - Separate Contract	1	LS	$ 15,000.00	$ 15,000
	Direct Construction Subtotal				**$ 4,289,000**
	Mobilization		10.0%		$ 429,000
	Traffic Control		4%		$ 172,000
	Contingency		10%		$ 429,000
	Construction Subtotal				**$ 5,319,000**
	2022 Construction Cost [2]		3.0%		$ 5,643,000
	Land Acquisition				
	Water Rights				
	Right-of-Way & Permits				$ 15,000
	Hydrogeologic Investigation				
	Geotechnical Investigation				$ 40,000
	Engineering		20%		$ 1,064,000
	Legal & Administrative		3.5%		$ 186,000
	TOTAL				**$ 6,948,000**

[1] Estimated unit costs are based upon estimates from suppliers and bid tabs for similar projects throughout Montana.

[2] The ENR 20-year average Construction Cost Index is +2.95% (as of December 2018), so capital costs are projected to an anticipated construction date in 2022 using a 3% inflation rate.

Table 9-2 - Opinion of Probable Cost - Phase 4 Collection System Improvements

OPINION OF PROBABLE COST CITY OF THOMPSON FALLS WASTEWATER IMPROVEMENTS PROJECT PHASE 4 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)					
#	**BID ITEM**	**QTY**	**UNITS**	**UNIT PRICE [1]**	**TOTAL**
1	Exploratory Excavation	50	HR	$ 350.00	$ 17,500
2	8" PVC SDR 35 Sewer Main	16,144	LF	$ 75.00	$ 1,210,781
3	Imported Backfill	2,392	CY	$ 28.00	$ 66,967
4	Standard Manholes	50	EA	$ 4,600.00	$ 232,066
5	Service Connection at Main	137	EA	$ 275.00	$ 37,675
6	Gravity 4" Sewer Service Line	12,300	LF	$ 35.00	$ 430,500
7	4" Sewer Service Connection at Home	137	EA	$ 500.00	$ 68,500
8	4" Sewer Service Cleanout	411	EA	$ 200.00	$ 82,200
9	Grinder Pump Service Unit	14	EA	$ 8,500.00	$ 119,000
10	Grinder Pump Service Unit Connection to Existing	12	EA	$ 400.00	$ 4,800
11	Grinder Pump Service Unit Connection at Grinder	19	EA	$ 275.00	$ 5,225
12	Pressure Service Connection at Main	2	EA	$ 300.00	$ 600
13	1.5" Curb Stop/Check Valve	14	EA	$ 300.00	$ 4,200
14	Pressure 1.5 HDPE Service Line	1,400	LF	$ 25.00	$ 35,000
15	Abandon Existing Septic Tanks	181	EA	$ 1,500.00	$ 271,500
16	Service Line Surface Restoration	13,700	LF	$ 20.00	$ 274,000
17	Lift Station #4	1	LS	$ 150,000.00	$ 150,000
18	Lift Station #3 Emergency Generator	1	LS	$ 125,000.00	$ 125,000
19	4" Forcemain	3,560	LF	$ 50.00	$ 178,000
20	4" Forcemain Fittings	16	EA	$ 1,400.00	$ 22,400
21	Sidewalk Removal & Replacement	600	SF	$ 28.00	$ 16,800
22	Curb Removal & Replacement	500	LF	$ 25.00	$ 12,500
23	Rock Hammer	1,614	HR	$ 300.00	$ 484,313
24	Type A Surface Restoration (AC)	16,144	LF	$ 45.00	$ 726,469
25	Type B Surface Restoration (Agg)				$ -
26	Type C Surface Restoration (Open)				$ -
27	Electrical	20%	LS	$ 275,000.00	$ 55,000
28	Instrumentation and Control - Separate Contract	1	LS	$ 15,000.00	$ 15,000
	Direct Construction Subtotal				**$ 4,646,000**
	Mobilization		10.0%		$ 465,000
	Traffic Control		4%		$ 186,000
	Contingency		10%		$ 465,000
	Construction Subtotal				**$ 5,762,000**
	2023 Construction Cost [2]		3.0%		$ 6,296,000
	Land Acquisition				
	Water Rights				
	Right-of-Way & Permits				$ 15,000
	Hydrogeologic Investigation				
	Geotechnical Investigation				$ 40,000
	Engineering		20%		$ 1,152,000
	Legal & Administrative		3.5%		$ 202,000
	TOTAL				**$ 7,705,000**

[1] Estimated unit costs are based upon estimates from suppliers and bid tabs for similar projects throughout Montana.

[2] The ENR 20-year average Construction Cost Index is +2.95% (as of December 2018), so capital costs are projected to an anticipated construction date in 2023 using a 3% inflation rate.

This PER update assumes Phase 3 and 4 would be constructed as two different projects and that Phase 3 will be constructed prior to Phase 4. Should funding be available for both Phase 3 and 4 to be constructed, both phases could be potentially constructed as one project.

9.7 Annual Operating Budget

Table 9-3 presents Thompson Fall's itemized annual operating budget for 2020. It should be noted that the current Phase 1 and 2 project costs are reflected in the budget shown in Table 9-3. Information for the last three years may be found in Appendix R.

Table 9-3 - Wastewater System Annual Operating Budget

Wastewater System Annual Operation Budget	
Wastewater Revenues	**Amount Budgeted**
Charges for Services	$123,228
Investment Earnings	$720
Total Budgeted Revenue	**$123,939**
Wastewater Expenses	**Amount Budgeted**
Administration	$23,217
Collection/Transmission/Treatment	$83,602
Debt Service Payments	$15,000
Total Budgeted Expenses	**$121,819**
Net Budgeted Revenue	**$2,120**

9.7.1 Income

Appendix R provides detailed Statement of Revenue – Budget vs Actuals for the last three years. The City currently has a sewer base rate for the original existing sewer system of $40.00 per month per EDU for residential accounts and $45.00 per month per EDU for commercial accounts for the first 4,000 gallons per month of discharged wastewater. However, a new user rate will be implemented with the construction of Phase 1 and 2 collection and treatment improvements. The City has proposed a sewer rate expected to begin in 2020 of $65.00 per month per EDU for residential accounts and $70.00 per month per EDU for commercial accounts for the first 4,000 gallons per month of discharged wastewater. An additional $4.00 per 1,000 gallons over 4,000 gallons per month is assessed for commercial and residential accounts. The discharge volume is an annual calculation, based upon the average monthly water consumption, from water meter records, for January through May and November through December from the previous year. The number of equivalent dwelling units (EDU) for the original existing sewer system users is 187,

194 for Phase 1 and 140 for Phase 2, totaling 521 EDUs at a base rate starting at $65.00 per month.

Additionally, with the 2020/2021 construction project RD loan packaged included revenue bonds and assessment bonds. The revenue bonds are being paid over a 40-year term through monthly sewer user rates, with debt services paid for by all users on the collection system. A Special Improvements District (SID) was created for parcels in the expanded collection system in each Phase 1 and Phase 2, (SID 1 and 2, respectfully) for the assessment bonds. SID 1 and 2 were formed in April 2019, assessments are planned to begin in November of 2021. The assessment bonds will be repaid over a 20-year term with interest in the amount of approximately $300.00 per parcel annually on the parcel tax. The $300 annual assessment in each SID for the sewer project is not assessed to the existing collection system parcels.

The monthly rate and annual assessment are the primary source of income for funding the wastewater system, with late charges, and connection fees also contributing to yearly revenue. Average sewer bill calculations and supporting data is included in Appendix DD.

The funding scenario presented in Chapter 10, for Phase 3, includes the current planned based monthly sewer user rate per EDU of $65.00. The treatment system upgrades allow the system the capacity to treat additional flow from Phase 1 through 4 and the O&M cost of the treatment system operation is included in the base rate of $65.00. As each additional phase is added to the collection system, more users bare the cost of the treatment system O&M, which ultimately results in a lower treatment system O&M cost per EDU as phases are added in. With the funding scenarios presented in Chapter 10, the potential monthly sewer rate per equivalent dwelling unit (EDU) following completion of Phase 3 of the sewer improvements proposed is estimated to be between $65.00 to $71.01.

The above potential sewer rate after Phase 3 completion includes the City created a SID for Phase 3, similar to the previous phases. It is assumed that the parcels for the SID created for Phase 3 will be assessed approximately $300 annually per parcel for 20 years, similar to the previous phases and created SIDs. Phase 3 parcels will only pay for the SID assessment in the Phase 3 funding package. Again, the assessment will be used to pay RD loans in the form of assessment.

The user rate and 20-year annual assessment presented for the proposed and preferred funding scenario are preliminary estimates of the billing rates required to pay current and future system debt and O&M costs as well as maintaining a modest reserve account.

9.7.2 Annual O&M Costs

The proposed project will result in an increase to annual system operation and maintenance costs. As each phase of the collection system expansion and treatment system improvements are undertaken, further evaluation of their impact to O&M costs will be necessary. The average O&M for the existing original system, summarized in Section 3.5 is $112,369. As a result of the 2020/2021 Phase 1 & 2 construction project estimate O&M cost is $235,369. Table 9-4 provides the estimated O&M costs for the proposed Phase 3 project. The increase in total annual O&M cost related to the Phase 3 collection system project is $18,300. The annual O&M costs related to the project are additional costs that will be associated with only Phase 3 collection system.

The estimated increase to O&M costs for the Thompson Falls Phase 3 Collection System Improvements is presented in Table 9-4.

Table 9-4 - Opinion of Probable Annual O&M Costs - Phase 3 Collection System Improvements

OPINION OF PROBABLE ANNUAL OPERATION & MAINTENANCE COSTS PHASE 3 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)					
#	**ITEM**	**QTY**	**UNITS**	**UNIT PRICE**	**TOTAL**
1	Salaries/Benefits	100	MH	$ 25.00	$ 2,500.00
2	Administration	40	HR	$ 20.00	$ 800.00
3	Lift Station #3 Power	10050	KWH	$ 0.12	$ 1,206.00
4	Spare Parts/Repair/Maintenance	1	LS	$ 4,000.00	$ 4,000.00
5	Contract Services/Trades	1	LS	$ 2,000.00	$ 2,000.00
6	Clean 20% of Collection System	2339.4	LF	$ 2.25	$ 5,263.65
7	Reserve	1	LS	$ 2,500.00	$ 2,500.00
	TOTAL				**$ 18,300.00**

Table 9-5 - Opinion of Probable Annual O&M Costs - Phase 4 Collection System Improvements

OPINION OF PROBABLE ANNUAL OPERATION & MAINTENANCE COSTS PHASE 3 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)					
#	ITEM	QTY	UNITS	UNIT PRICE	TOTAL
1	Salaries/Benefits	100	MH	$ 25.00	$ 2,500.00
2	Administration	40	HR	$ 20.00	$ 800.00
3	Lift Station #3 Power	8000	KWH	$ 0.12	$ 960.00
4	Spare Parts/Repair/Maintenance	1	LS	$ 4,000.00	$ 2,100.00
5	Contract Services/Trades	1	LS	$ 2,000.00	$ 2,000.00
6	Clean 20% of Collection System	3228.75	LF	$ 2.25	$ 7,264.69
7	Reserve	1	LS	$ 2,500.00	$ 2,500.00
	TOTAL				**$ 18,100.00**

Table 9-5 presents the increase to O&M Costs for the Phase 4 Collection System Improvements project. Currently, it is assumed that Phase 3 and Phase 4 will be constructed as separate projects, with Phase 3 prioritized over Phase 4. Costs for Phase 4 have been included in this report for planning purposes.

9.7.3 Debt Repayments

The City currently pays on a Rural Development Loan on the original existing sewer system. The annual payment for this loan is $13,977. The 2020/2021 project has Rural Development loans in the form of revenue bonds and assessment bonds. During design of the 2020/2021 construction project for Phase 1 and 2, SRF is providing interim financing. Estimated annual payment for the 2020/2021 wastewater system project is $154,843.

The proposed funding scenario for this project includes a loan with a combination of revenue and assessment bonds through Rural Development. The estimated annual debt services for this loan will depend upon the final funding package received from Rural Development and may range from $257,088 to $305,972. The proposed funding package is discussed in detail in Chapter 10 and includes a combination of grants with the Rural Development Funds.

Debt Service Reserves

The recommended funding scenario includes a low interest loan from the USDA Rural Development program (RD). RD does not require a loan reserve.

Short-Lived Asset Reserve

The recommended funding scenario includes a low interest loan from the USDA Rural Development program. RD does not require a loan reserve. Short live assets include equipment with useable lift expectancies less than the 2-year deign period, such as pumps, paint, and small equipment.

It should be noted that the O&M budget in Phase 3 of the collection system includes a line item for spare parts/repairs/maintenance. For budgeting purposes, the short-lived assets reserve is budgeted for a total annual contribution of $2,400 for Phase 1 & 2 collection system and a total treatment system contribution of $14,500. The total short-lived asset annual reserve from prior phases and including the proposed Phase 3 is $18,100. Table 9-6 summarizes the short-lived assets for Phase 3 of the Thompson Falls Wastewater System Improvements project.

Table 9-6 - Short-Lived Asset Reserve

Short-Lived Asset Reserve		
Item	**Total Contribution**	**Annual Contribution**
1-5 Years		
Seals for Lift Station Pumps (2 total)	$ 500.00	$ 100.00
5-10 Years		
Lift Station Pump & Level Controls Replacement (1)	$ 4,000	$ 400.00
10-15 Years		
Lift Station Valve Replacement (1)	$ 10,500	$ 700.00
Total Annual contribution for Short Lived-Assets		**$ 1,200.00**

9.8 Project Schedule

Before the project can be implemented, the funding must first be in place. As noted in this report, the best funding strategy for the City would to utilize TSEP, DNRC, grants combined with a RD grant and low interest loan. Grant applications for DNRC grants are due on June 1, 2020. The TSEP grant applications are due on June 15, 2020. The ranking of those applications is expected to be known at the end of 2020, with fund coming available July 2021. RD applications will follow DNRC and TSEP grant application submittals.

It is anticipated that Phase 3 final design and approvals would be completed by and bidding could take place in January 2022. Commencement of construction activities is anticipated to start in April of 2022. A detailed implementation schedule is included in Chapter 10.

9.9 Permit Requirements

The proposed alternative would be designed and constructed in compliance with Circular DEQ-2 regulations. Plans would need to be reviewed and approved by the Montana Department of Environmental Quality before bidding and construction could begin. Due to the amount of total length of the pipeline installation, more than one acre of land would likely be disturbed; thus a storm water discharge permit would be needed during construction. The selected contractor would be responsible for obtaining a storm water permit, as would be indicated in the project specifications. Montana Rail Link (MRL) permits would need to be acquired as the piping and lift station along Preston Ave. is in the MRL right-of-way.

10.0 CONCLUSIONS AND RECOMMENDATIONS

The previous sections of this report have focused on the need for the project, physical and socio-economic characteristics of the community, project costs, and more extensively the technical viability. This section will focus on the financial strategy and implementation schedule. One of the main goals of a comprehensive PER is to provide a workable funding plan for recommended improvements included in the Preferred Alternative. This section will discuss available funding sources as well as develop various funding scenarios. Ultimately, a preferred funding scenario will be selected and further analyzed along with an associated implementation plan.

10.1 Funding

Due to the high cost of the proposed improvements, the City of Thompson Falls plans to pursue outside assistance to fund the project in the form of grants and/or loans. Possible sources of funding are:

- Treasure State Endowment Program (TSEP)
- Renewable Resource Grant and Loan Program (DNRC)
- Community Development Block Grant (CDBG)
- State Revolving Fund (SRF)
- USDA Rural Development (RD)
- Montana Coal Board
- Economic Development Administration (EDA)
- INTERCAP
- State & Tribal Assistance Grant (STAG) Program and Water Resource Development Act (WRDA) Grant Program (595 Program)

Each funding program has different eligibility requirements. Community income levels are considered as part of the eligibility review for most of the grant programs, either as a primary qualifier or, as in the case of TSEP, as a basis for determining the level of financial responsibility the applicant must meet before they qualify for grant funds.

The target rate is a user rate that is established for each municipality across the state. This rate is used to determine whether or not a municipality is paying its fair share of a project's cost. In order to apply for grant funding from the Montana Department of Commerce, the user rates after completion of the project must meet or exceed the established target rates. The target rates are calculated per equivalent dwelling unit (EDU), which is discuss in more detail below, as a percentage of the median household income (MHI) for individual municipalities. The MHI is

obtained from the 2015 American Community Survey. The Montana Department of Commerce has determined, based on surveying communities that have undergone recent upgrades to their water and/or wastewater systems, that the "fair share" of cost per user after completing a project should be approximately 0.9 percent of the MHI for wastewater only, 1.4 percent of the MHI for water only, or 2.3 percent of the median household income for water and wastewater combined.

For the City of Thompson Falls CDP, TSEP's published target rate is $22.95 per month for wastewater along and $58.64 per month for combined water and wastewater services. It is important to note that the target rates discussed above are representative of rates per equivalent dwelling unit (EDU). An EDU rate system charges based on the service size. For example, a ¾-inch water service is a typical residential water service and is 1 EDU. The EDU's for each service line are then calculated based on the area of the service size divided by the area of the ¾-inch service. The City of Thompson Falls' has provided the number of current EDU's that are in the original system, which has assisted in calculating the City's total projected EDU's for the total system. Table 3-12 of this report shows the current EDU's including both residential and commercial connections in detail. For user rate purposes, the original existing system consists of 187 EDU's, Phase 1 has 196 EDU's, Phase 2 has 142 EDU's and Phase 3 has 157 EDU's, which equates to 521 EDU's after the 2020/2021 construction project and adding an additional 157 EDU's to the system in Phase 3. The current water system EDU hookup and sewer EDU hookup on the original existing system in Appendix DD.

The City's current average water rate is $46.68 per month per EDU. The current sewer base rate for the original existing sewer system of $40.00 per month per EDU for residential accounts and $45.00 per month per EDU for commercial accounts for the first 4,000 gallons per month of discharged wastewater. However, a new user rate will be implemented with the construction of Phase 1 and 2 collection and treatment improvements. The City has proposed a sewer rate expected to begin in 2020 of $65.00 per month per EDU for residential accounts and $70.00 per month per EDU for commercial accounts for the first 4,000 gallons per month of discharged wastewater. An additional $4.00 per 1,000 gallons over 4,000 gallons per month is assessed for commercial and residential accounts. The discharge volume is an annual calculation, based upon the average monthly water consumption, from water meter records, for January through May and November through December from the previous year. The number of equivalent dwelling units (EDU) for the original existing sewer system users is 187, 194 for Phase 1 and 140 for Phase 2, totaling 521 EDUs at a base rate starting at $65.00 per month.

The combined total rate using the 2020/2021 Construction sewer rate is $111.68 per month, which is above the combined target rate of $58.64 per month. The proposed project would maintain the current sewer base rate of $65.00 per month with the proposed funding scenario outlined in Section 10.1.2 of this Section. It should be noted that when Phase 3 users are connect to the system the treatment system will already be upgraded and in place, the O&M for the treatment system as part of the 2020/2021 construction project will add approximately 157 users to distribute the current treatment O&M costs to.

Low and Moderate Income percent is calculated by U.S. Housing and Urban Development (HUD) using data from the U.S. Census Bureau's Decennial Census, specifically for the Community Development Block Grant Program (CDBG). LMI families are defined as those families whose income does not exceed 80% of the county median income for the previous year or 80% of the median in of the entire non-metropolitan area of the State of Montana, whichever is higher. The LMI determined by the 2015 American Community Survey is 55.19%.

The median household income (MHI) is used by the agencies to make the grant eligibility determination. Target monthly water and sewer rates have been established by the funding agencies as a percentage of the median household income. The MHI for the Thompson Falls CDP is $30,595.

10.1.1 Funding Sources

The following sections provide a brief description of the potential funding sources and whether or not the City of Thompson Falls would be eligible for those funds.

Treasure State Endowment Program (TSEP)

TSEP is a state funded grant program, which is administered by the Montana Department of Commerce (MDOC). TSEP provides financial assistance to local governments for infrastructure improvements. Grants can be obtained from TSEP for up to $500,000 if the projected user rates are less than 125% of the target rate, for up to $625,000 if projected user rates are between 125% and 150% of the target rate, and for up to $750,000 if the projected user rates are over 150% of the target rate. TSEP grant recipients are required to match the grant dollar for dollar, but the match may come from a variety of sources including other grants, loans, or cash contributions.

Based upon the project combine water and sewer bill for the City of Thompson Falls, and the target rate, the City qualifies for $750,000 in TSEP grant funds. TSEP grant funds are included in the preferred funding strategy presented below.

Renewable Resource Grant and Loan Program (RRGL)

RRGL is a state program that is funded through interest accrues on the Resource Indemnity Trust Fund and the sale or Coal Severance Tax Bonds and is administered by the Montana Department of Natural Resources and Conservation (DNRC). The primary purpose of the RRGL is to enhance Montana's renewable resources. For public facilities projects that conserve, manage, develop, or protect renewable resources, grants of up $125,000 are available.

The preferred funding strategy assumes the use of $125,000 through the DNRC-RRGL grant funding program. Although the RRGL program is competitive, the proposed project will enhance renewable resources in the area by reducing the potential for aggregated degradation of state waters from substandard on-site wastewater treatment systems within the currently unsewered area of the City as the City boarders the Clark Fork River to the south of the City limits.

Community Development Block Grant (CDBG)

CDBG is a federally funded program that is also administered by the Montana Department of Commerce (MDOC). The primary purpose of CDBG funds is to benefit low to moderate income (LMI) families. Hence, a municipality must have an LMI of 51% or greater. This is usually determined by the current Census. However, under certain circumstances, the MDOC may allow an income survey to be completed (such as there have been major economic changes since the Census or if a community is only slightly under the required LMI percentage).

The CDBG grant funds can be applied for in an amount of up to $450,000 with a limit of $15,000 per LMI household, so a community needs 30 LMI households to apply for the maximum grant funds. The use of CDBG funds requires a 25% local match that can be provided through cash funds, loans, or a combination thereof.

Based upon the 2015 American Community Survey Data the City of Thompson Falls has an LMI of 55.19% qualifying for the CDBG grant program. The City currently has a CDBG grant open for their Ainsworth Field Park project that is being constructed currently. The current CDBG grant application is in September 2020. The CDBG program does not allow the City to apply for a grant with a current grant open. The Ainsworth project is scheduled to complete construction this year,

however; it is currently unknown if the project will be completed by the grant application deadline. For this reason, CDBG funding was not included in the current funding scenario. Should the Ainsworth project be completed by September 2020, the City discuss pursuing CDBG grant funding.

State Revolving Fund (SRF)

SRF provides low-interest loan funds for both water and wastewater projects through the Drinking Water State Revolving Fund (DWSRF) and the Water Pollution Control State Revolving Fund (WPCSRF), respectively. The SRF program is administered by the Montana Department of Environmental Quality. The SRF program is administered cooperatively by the Montana Department of Environmental Quality and the DNRC. Current loan terms include an interest rate of 2.5% for a 20-year term. The loan requires debt service reserve (1/2-year payment) and requires 10% annual loan coverage.

Though the City would qualify for an SRF loan for the project, availability of the loan forgiveness for wastewater projects is not always available. Given the lower loan interest rate and longer terms available through the Rural Development program along with the likelihood of an RD grant, the City will not pursue a loan through the State Revolving Fund.

USDA Rural Development (RD)

RD provides grant and loan funding to municipalities for water and wastewater projects that improve the quality of life and promote economic development in Rural America. Municipalities with a population of less than 10,000 are eligible to apply, though; priority is given to those with a population of less than 5,500.

Grant eligibility and loan interest rates are based on the community's median household income (MHI) and user rates. If the area to be served has a MHI of $38,205 or lower and the project is necessary to alleviate a health and/or sanitation concern, up to 75% of the project costs are grant eligible. Up to 45% of the project costs are grant eligible if the planning area has an MHI between $38,205 and $47,757.

RD currently offers the following loan interest rates, effective until June 30, 2020:

- Poverty – 1.375%, 40-year term. A community qualifies for the poverty rate if its median household income (MHI) is less than $38,205 and the project is needed to alleviate a health and/or sanitary problem (potential threat not eligible).

- Intermediate – 1.875%, 40-year term. Applies to communities with an MHI greater than $38,205 and less than $47,757 without an existing health and/or sanitary problem. This rate also applies to communities with an MHI less than $38,205 and no documented health and/or sanitary problem.

- Market – 2.375%, 40-year term. Applies to communities with an MHI greater than $47,757.

The City of Thompson Falls' MHI is $30,595, which makes the project eligible for the poverty rate for loan interest rate of 1.375% and the 40-year loan term helps in minimizing the financial impact to user rates. The City is eligible for up to a 75% grant through RD. Conversations with Rural Development (RD) staff have indicated that a range of 25%75% to grant/loan combination should be assumed in the funding analysis. Given the great financial need and low income of the City as well as the significant improvements the project would have to health and safety, the City may qualify for a higher grant amount through RD, however a 25% grant should be assumed at this time. For this reason, a range has been provided for the RD grant and loan funds potentially available to the City of Thompson Falls.

For the current 2020/2021 construction project for Phase 1 and 2, the funding package received RD grant/loan funding. The loan portion of the funding was broken down into 20-year term assessment bonds and 40-year revenue bonds. It is anticipated, based on conversations with RD staff, that the City will receive the loan portion of RD funds in a similar package. However; there are a few variabilities when RD is determining the assessment portion of the loan and therefore a similar percentage of revenue/assessment bonds that was used in Phase 1 & 2 was applied to Phase 3. The revenue bonds would be paid over a 40-year term through monthly user rates, with debt services paid for by all users on the collection system at that time. A Special Improvements District (SID) was created for parcels in the expanded collection system in each Phase 1 and Phase 2, (SID 1 and 2, respectfully) for the assessment bonds. The assessment bonds will be repaid over a 20-year term with interest by each parcel annually on the parcel tax. It is assumed that parcels in Phase 3 would be assessed similarly to previous phases.

The City intends to pursue RD funding for the proposed improvements project.

Montana Coal Board

The Coal Board provides grant funding to municipalities to adequately provide for the expansion of public services or facilities needed as a direct consequence of coal development activities. There is no maximum limit to the amount the Coal Board can fund, but available funding is very limited so it can be difficult to receive any funds from the Coal Board, especially large sums.

The City would not likely qualify for Montana Coal Board funds, thus a Coal Board grant will not be pursued.

Economic Development Administration (EDA)

EDA provides grant funding for projects that are demonstrated to be needed for the placement of a new business. The amount of grant is dependent on the number of jobs created.

The City will not pursue an EDA grant. The proposed project would not create a large number of jobs, the City will not apply for an EDA grant.

INTERCAP

INTERCAP provides loan funds at a low cost, variable interest rate to local governments. INTERCAP is administered by the Montana Board of Investments and is very flexible in the variety of funding which would include both water and wastewater projects. There is no funding cycle (funds are always available), however, the maximum loan term is 10 years.

Due to the relatively large amount of financing required, an INTERCAP loan with the shorter loan term would cause an undesirable increase in user rates for the residents and is not recommended for long-term financing.

10.1.2 Funding Strategy

Numerous options have been identified as potential funding sources for the Thompson Falls Phase 3 Wastewater System Improvements. Table 10-1 shows various funding strategies for the proposed project. The potential scenarios are:

- Scenario 1 - DNRC, TSEP, RD Grant (45%), RD loan (55%) at 1.375% for 40 years, and an estimated $18,000 local contribution.

- Scenario 2 - DNRC, TSEP, RD Grant (25%), RD loan (75%) at 1.375% for 40 years, and an estimated $18,000 local contribution.

As shown in Table 10-1, the lowest monthly costs to the City may be realized under Scenario 1 by applying for DNRC, TSEP, and RD grants supplemented with an additional loan combination of assessment and revenue bonds from RD. The City's preferred funding package and that recommended by this PER includes:

- DNRC Grant: $125,000
- TSEP Grant: $750,000
- RD Grant: $2,670,255
- RD Loan: $3,384,745
- Local Contribution: $18,000

Consideration of various combinations of the above funding strategy is depicted in Table 8-1, along with the resulting user rates. Using the preferred Scenario #1 as a basis, a detailed project budget is presented in Table 10-2, which provides a breakdown of the line item costs by funding source.

Table 10-1 - Phase 3 Funding Options

FUNDING OPTIONS FOR THOMPSON FALLS		
	SCENARIO #1	SCENARIO #2
ITEM	DNRC, TSEP & RD (1.375% 40 yrs.*) ~45%/ 55% RD Grant/Loan	DNRC, TSEP & RD (1.375% 40 yrs.*) 25%/ 75% RD Grant/Loan
Collection System Improvements Phase 3	$6,948,000	$6,948,000
Rounded Total	**$6,948,000**	**$6,948,000**
TSEP Grant	$750,000	$750,000
DNRC Grant	$125,000	$125,000
RD Grant	$2,670,255	$1,513,750
RD Loan (assessment bonds only Phase 3 Parcels @ $4350/parcel)	$682,950	$682,950
RD Loan (revenue bonds)	$2,701,795	$3,858,300
Local Contribution	$18,000	$18,000
Total Project Funds	**$6,948,000**	**$6,948,000**
Total Loan Amount (revenue)	**$2,701,795**	**$3,858,300**
Annual Loan Payment (revenue)	$96,210	$137,390
Total Loan Payments Over Life of Loan (revenue)	$3,848,400	$5,495,600
Total Interest Paid Over Life of Loan (revenue)	**$1,146,605**	**$1,637,300**
Annual Loan Coverage (revenue)	$9,621	$13,739
Total Loan Amount (assessment)	**$682,950**	**$682,950**
Annual Loan Payment (assessment, 20 years @ 2.375%)	$43,340	$43,340
Total Loan Payments Over Life of Loan (assessment)	$866,800	$866,800
Total Interest Paid Over Life of Loan (assessment)	**$183,850**	**$183,850**
Annual Loan Coverage (assessment)	$4,334	$4,334
TOTAL ANNUAL CAPITAL ASSESSMENT DEBT SERVICE COST	**$47,674**	**$47,674**
TOTAL ANNUAL CAPITAL RESERVE DEBT SERVICE COST	**$105,831**	**$151,129**
User Phase 3 assessment Cost/Month	***$25.30***	***$25.30***
User Capital Cost/Month	***$13.01***	***$18.58***
Current Annual O&M [1]	$231,791	$231,791
Annual Short Lived Assets (Collection + Treatment System Phase 1-3)	$18,100	$18,100
Current Annual Debt Service	$154,843	$154,843
Additional O&M Due to Project	$18,300	$18,300
TOTAL ANNUAL O&M COSTS to NEW USERS [2]	**$423,034**	**$423,034**
New User O&M Cost/Month	***$52.00***	***$52.00***
USER COST/MONTH FOR PROJECT	**$65.00**	**$70.57**
Existing Average User Cost/Month/EDU[3]	$65.00	$65.00
COST/MONTH INCREASE/EDU	**$0.00**	**$5.57**
Existing Other System Cost/Month	$46.68	$46.68
Total Proposed Water & Sewer Cost/Month	$111.68	$117.25
Combined Systems Target Rate	$58.64	$58.64
PERCENT OF COMBINED TARGET RATE	**190.5%**	**199.9%**

[1] Based on 2016-2017 budget presented in the Expenditure Budget Report minus PER costs. Current O&M assumed for Ph. 1&2 as base rate of $65 accounts for existing O&M

[2] Sum of Current O&M for existing system and debt service divided among existing system and new system users 678- Existing EDUs (187)+ Phase 1 (194) + Phase 2 (140) + Phase 3 (157)

[3] Estimated base rate starting in summer of 2020, raised for current Phase 1 & 2 Project

Table 10-2 - Project Budget Summary

Thompson Falls Phase 3 Project Budget						
ADMINISTRATIVE/FINANCE COSTS	Source: TSEP Grant	Source: RRGL Grant	Source: RD Loan	Source: RD Grant	Source: Local	Total:
Personnel Costs						-
Office Costs						-
Professional Services/Grant Admin	20,000	25,000	25,000	10,000	10,000	90,000
Legal Costs	8,000	-				8,000
Travel & Training	2,000	-				2,000
Audit Fees					8,000	8,000
Pre-Development Financing Fee			5,400			5,400
Interim Interest			8,000			8,000
Bond Counsel & Related costs		-	25,000	15,000		40,000
TOTAL ADMINISTRATIVE / FINANCE COSTS:	30,000	25,000	63,400	25,000	18,000	161,400
ACTIVITY COSTS						
Engineering - Additional Services (Permitting, ROW/Easements, Geotech., Interim Project Management)			80,000			80,000
Engineering - Basic Services (Final Design, Bidding or Negotiating, Construction, Post Construction)			428,800	336,925		765,725
Engineering - Resident Project Rep			149,150	149,125		298,275
Construction	720,000	100,000	2,571,965	1,498,035		4,890,000
Contingency (10% plus 3% Inflation)		-		752,600		752,600
ACTIVITY COSTS	720,000	100,000	3,229,915	2,736,685		6,787,000
TOTAL PROJECT COSTS	**750,000**	**125,000**	**3,293,315**	**2,761,686**	**18,000**	**6,948,000**

10.2 Implementation

Prior to implementation of the project, all funding must be in place. As noted earlier, the proposed funding package for the City uses DNRC and TSEP grant funds along with RD grant loan package. Grant applications for DNRC and TSEP are due on June 1, 2020 and June 12, 2020, respectfully. The ranking of those applications is expected to be known by the end of 2020, with funds coming available in July 2021. RD funds are available on an open cycle and do not have a strict deadline.

Upon securing all funding, the project startup for the grant programs is expected to be about a two-month process. It is anticipated that final design would be completed, and bidding could take place in early 2022. Table 10-3 provides a summary of the Project Implementation Schedule

Table 10-3 - Project Implementation Schedule – Phase 3

Project Implementation Schedule – Phase 1	
Action	**Date**
Draft PER Complete	March 2020
Prepare Final PER	May 2020
Submit DNRC RRGL grant application	June 2020
Submit TSEP grant application	June 2020
Submit RD grant/loan Application	June 2020
Finalize Financing	May/June 2021
Begin Design	July 2021
Design Basis Report/Cost Estimates to the City	November 2021
Submit Design Plans and Specifications to MDEQ	December 2021
MDEQ Review & Approval	January 2022
Advertise for Bids	February 2022
Finalize RD Financing	March 2022
Start Construction	April 2022
Complete Construction	December 2022

11.0 REFERENCES

The following references were utilized in the compilation of the PER.

Burton, Franklin Louis; Metcalf & Eddy; Stensel, H. David; Tchobanoglous, George; *Wastewater Engineering: Treatment and Reuse*, McGraw-Hill Education, 2003

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture, Web Soil Survey, http://websoilsurvey.nrcs.usda.gov/app

Montana Bureau of Mines and Geology, Montana Tech of The University of Montana, Groundwater Information Center 2010, http://mbmggwic.mtech.edu/

United States Department of Agriculture, http://www.usda.gov/wps/portal/usdahome

Natural Resources Information System, Montana Geographic Information Clearinghouse, http://nris.state.mt.us/gis/

U.S. Fish and Wildlife Service, National Wetlands Inventory, http://www.fws.gov/wetlands/

U.S. Department of Education Institute of Education Sciences, National Center for Education Statistics, School District Demographics System, http://nces.ed.gov/surveys/sdds/index.aspx

Montana Department of Commerce, Census and Economic Information Center, http://ceic.mt.gov/

U.S. Census Bureau, American Fact Finder, http://factfinder.census.gov

Montana Department of Environmental Quality, Circular DEQ 2: Design Standards for Wastewater Facilities, 1999 Edition

National Oceanic and Atmospheric Administration (NOAA) Western Regional Climate Center, Historical Climate Information, http://www.wrcc.dri.edu/NEWWEB.html

APPENDIX E

Uniform Environmental Checklist

UNIFORM ENVIRONMENTAL CHECKLIST
CITY OF THOMPSON FALLS, MONTANA WASTEWATER SYSETEM IMPROVEMENTS

As the engineer that prepared the Preliminary Engineering Report, I, Carrie Gardner, PE,
(print name of engineer)

have reviewed the information presented in this checklist and believe that it accurately identifies the environmental resources in the area and the potential impacts that the project could have on those resources. In addition, the required state and federal agencies were provided with the required information about the project and requested to provide comments on the proposed public facility project. Their comments have been incorporated into and attached to the Preliminary Engineering Report.

Engineer's Signature: _____
Date: 9.22.20

Key Letter: N – No Impact **B** – Potentially Beneficial **A** – Potentially Adverse
P – Approval/Permits Required **M** – Mitigation Required

PHYSICAL ENVIRONMENT	
N	1. **Soil Suitability, Topographic and/or Geologic Constraints (e.g., soil slump, steep slopes, subsidence, seismic activity)** Soils in the project area have some limitations for deep excavations due to rockiness. However, the soils have been disturbed to some degree owing to the areas urbanization. Excavation for connection of individual sewer services may be difficult in some areas due to rocks. A Natural Resources Conservation Service (NRCS) Web Soil Survey indicates soils in the community primarily consist of Elkrock-Selcon Complex, with 4-15% slopes. - *NRCS Soil Reports; 2018 Project PER & 2020 PER update, Chapter 2* - *Geotechnical Report; 2020 Project PER update, Chapter 2 & Appendix FF* - *Great West Engineering*
N	2. **Hazardous Facilities (e.g., power lines, EPA hazardous waste sites, acceptable distance from explosive and flammable hazards including chemical/petrochemical storage tanks, underground fuel storage tanks, and related facilities such as natural gas storage facilities & propane storage tanks)** The City of Thompson Falls is not proximal to any National Priority Sites. None of the locations will have any effect on the existing power lines. Some industrial-level fuel storage facilities lie east of the city but will not be impacted by the expansion of the wastewater collection system. - *http://www.epa.gov/superfund/national-priorities-list-npl-sites-state#MT* - *Great West Engineering*
N	3. **Effects of Project on Surrounding Air Quality or Any Kind of Effects of Existing Air Quality on Project (e.g., dust, odors, emissions)** The project area lies within the existing Sanders County - Thompson Falls PM-10 nonattainment area for particulates. A temporary negative impact on air quality due to dust is expected during construction. Reasonable efforts will be taken during construction to minimize these temporary impacts. No long-term effect on air quality is foreseen by the installation of underground wastewater collection lines. - *http://deq.mt.gov/AirQuality/Planning/AirNonAttainmentStatus.mcpx;* - *Great West Engineering*

B	**4. Groundwater Resources & Aquifers (e.g., quantity, quality, distribution, depth to groundwater, sole source aquifers)** The project area does not lie within a sole-source aquifer. The replacement of single-residential drain fields will likely benefit the local groundwater resources. While no evidence is available to indicate that the existing situation is significantly harmful to local aquifers, the removal of a potential pollutant source and effective treatment of wastewater is considered beneficial to human and natural environments. - *2018 Project PER, Chapter 2* - *Great West Engineering*
N	**5. Surface Water/Water Quality, Quantity & Distribution (e.g., streams, lakes, storm runoff, irrigation systems, canals)** The current discharge for the City of Thompson Falls is classified as a discharge to surface water. The City of Thompson Falls currently discharges to the Clark Fork River with coverage under the Montana Domestic Sewage Treatment Lagoons-Continuous Dischargers General Permit MTG580000. - *2018 Project PER, Chapter 5* - *2020 Project PER, Chapter 3* - *Great West Engineering*
N	**6. Floodplains & Floodplain Management (Identify any floodplains within one mile of the boundary of the project.)** The project area does not fall within a FEMA-defined floodway. - 2018 Project PER, Chapter 2, App H
N	**7. Wetlands Protection (Identify any wetlands within one mile of the boundary of the project.)** The project does not host any known or mapped wetlands, according to the Montana Natural Heritage Program, but is an urbanized area and such habitat would not be expected to occur there. Some small areas of riparian emergent and freshwater emergent wetlands are associated with the banks of the Clark Fork River. - *Montana Natural Heritage Project Map Viewer, 2017* *http://mtnhp.org/mapviewer/?t=8* - *2018 Project PER, Chapter 2* - *Great West Engineering*

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N	**8. Agricultural Lands, Production, & Farmland Protection (e.g., grazing, forestry, cropland, prime or unique agricultural lands) (Identify any prime or important farm ground or forest lands within one mile of the boundary of the project.)** The project is classified as farmland of local importance or prime farmland if irrigated. However, the area has been urbanized with primarily single-family residences. Some small-scale gardening may be undertaken in the city, the area is not now used for significant agricultural enterprises. The project will not affect the agricultural use or status of the area. - *2018 Project PER, Chapter 2, App B* - *Great West Engineering*
N	**9. Vegetation & Wildlife Species & Habitats, Including Fish (e.g., terrestrial, avian and aquatic life and habitats)** The Montana Natural Heritage Program identifies 32 species of concern for Thompson Falls and an area within a ten-mile radius. Habitat for most of those species does not occur within the City limits. The installation of collection lines in previously-disturbed areas is highly unlikely to present adverse impacts to any of those species. Some urbanized species could potentially be disturbed by noise, but those effects would be temporary. The project falls entirely within the City limits of Thompson Falls, which, by definition, is exempted from registration in or review by the Montana Sage Grouse Habitat Conservation Program. - *2018 Project PER, Chapter 2* - 2020 Project PER update, Chapter 2 - *Montana Sage Grouse Habitat Program Website: https://sagegrouse.mt.gov/* - *Great West Engineering*
N	**10. Unique, Endangered, Fragile, or Limited Environmental Resources, Including Endangered Species (e.g., plants, fish, sage grouse, or other wildlife)** The US Fish & Wildlife service lists two threatened mammals, one fish, and one plant, along with one tree species as a candidate for T&E status. The project area does not host any habitat for any of those species. A MTNHP search revealed 33 animal and 12 plant species as species of concern within the area surrounding Thompson Falls. The area is urbanized and unsuited for the wildlife listed. Whitebark pine may exist within the City limits, however the proposed project will disturb ground primarily along paved streets and commonly-travels alleys that do not host large conifers. If any species or habitat are identified prior to the initiation of construction, the contractor will take steps to minimize disturbances. - 2018 Project PER, Chapter 2 - 2020 Project PER update, Chapter 2 - US Fish & Wildlife Service Correspondence - MTNHP
N	**11. Unique Natural Features (e.g., geologic features)** The City lies on Holocene- and/or Pleistocene-aged alluvial and fluvial deposits proximal to the Clark Fork River. Some of the deposits are related to Lake Missoula and intermittent historical flooding. Neither the existing nor proposed locations for the project will impact the geological features, which are widespread throughout the lower Clark Fork. - *2018 Project PER, Chapter 2* - *Great West Engineering*
N	**12. Access to, and Quality of, Recreational & Wilderness Activities, Public Lands and Waterways (including Federally Designated Wild & Scenic Rivers), and Public Open Space** The completion of an expanded wastewater collection system does not represent barriers to the use of public lands or recreational opportunities. - *Great West Engineering*

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HUMAN POPULATION	
N	**1. Visual Quality – Coherence, Diversity, Compatibility of Use and Scale, Aesthetics** The construction of an expanded underground wastewater collection system is unlikely to result in any long-term disruption of visual quality. - *Great West Engineering*
S	**2. Nuisances (e.g., glare, fumes)** Some nuisance such as noise and dust may arise during construction. Contractors will be required to provide the necessary site controls. No permanent adverse impacts are anticipated.. - *Great West Engineering*
N	**3. Noise -- suitable separation between noise sensitive activities (such as residential areas) and major noise sources (aircraft, highways & railroads)** Nearby residences may be temporarily affected by noise from construction activity, however; collection expansion will be made to minimize nuisances and address specific problems as they occur. Some construction work will result in temporary increases in noise from heavy equipment. The contractor will only work in the predetermined hours to prevent significant impacts. - *Great West Engineering*
N	**4. Historic Properties, Cultural, and Archaeological Resources** The Montana State Historic Preservation Office (SHPO) was contacted to determine whether there are significant historical and cultural resources within the project area. Cultural resources include historic and prehistoric archaeological sites, historic architecture, engineering features and structures, and resources of significance to Native Americans. According the SHPO database, there have been a few previously recorded sites in and around the Thompson Falls area, but none are anticipated to be impacted. It is not anticipated that any historic or potentially historic structure will be impacted as the majority of the work will be in the community streets. - *2018 project PER, Chapter 2* - *2020 project PER Update, Chapter 2* - *SHPO* - *Great West Engineering*

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N	**5. Changes in Demographic (population) Characteristics (e.g., quantity, distribution, density)** None of the project elements will result in any changes in demographic characteristics. A growth rate of 0.10% annually will be assumed for the 20-year planning period based on population data ranging from 1990 to current. This growth is anticipated to occur throughout the City, as no areas of concentrated growth are identified. - U.S. Census Bureau, 1990 & 200 Censuses - *Great West Engineering*
N	**6. Environmental Justice – (Does the project avoid placing lower income households in areas where environmental degradation has occurred, such as adjacent to brownfield sites?)** This project will not force low income households into environmentally degraded areas. No environmental justice issues have been identified as a result of this project. - *Great West Engineering*
B	**7. General Housing Conditions - Quality, Quantity, Affordability** Quality of housing and the ability to handle growth will improve the wastewater system improvements within Thompson Falls. - *Great West Engineering*
A	**8. Displacement or Relocation of Businesses or Residents** Some residence/business owners may be affected by construction activity. No long-term impacts are anticipated. - *Great West Engineering*
B	**9. Public Health and Safety** The expansion of the Thompson Falls wastewater collection system represents a significant improvement to public health by eliminating single-residence wastewater disposal systems. Removing the potential for the failure of individual systems reduces the potential for groundwater contamination and/or exposure of the population to pathogens. - *2018 Project PER, Chapter 4* - *2020 Project PER Update, Chapter 4* - *Great West Engineering*
B	**10. Lead Based Paint and/or Asbestos** All elements of the project involve new construction, eliminating the potential for lead-based paint or asbestos issues. - *Great West Engineering*
B	**11. Local Employment & Income Patterns - Quantity and Distribution of Employment, Economic Impact** An updated and expanded wastewater system will result in significant direct capital expenditures in the local economy. During construction, workers would strengthen the economy by spending money on food, lodging, and other recreational activities. The contractor may also look to hire local help for various construction positions and the improved infrastructure may enhance the business environment of the City. - *Great West Engineering*

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B	**12. Local & State Tax Base & Revenues** The installation of a central wastewater collection system in the currently unsewered portion of the City could prove beneficial to the community. Currently, it is difficult for residences to develop in the area as permitting on-site septic systems can be difficult. Commercial and residential growth would stimulate the economy and would increase the tax base. - *2018 Project PER, Chapter 3* - *2020 Project PER Update, Chapter 3* - *Great West Engineering*
B	**13. Educational Facilities - Schools, Colleges, Universities** No aspects of the Thompson Falls educational system will be negatively impacted by the wastewater system improvements. An elementary, junior high, and high school are all located within the currently unsewered portion of the community. They are currently served by onsite septic systems. In the past these systems have failed, causing release and surfacing of wastewater posing a significant human health risk to students and staff. The project will be beneficial to the local schools - *Great West Engineering*
N	**14. Commercial and Industrial Facilities - Production & Activity, Growth or Decline** The Thompson Falls wastewater system improvements are not likely to negatively impact commercial or industrial facilities. - *Great West Engineering*

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N	**15. Health Care – Medical Services** Health Care and medical services are unlikely to be impacted by the Thompson Falls wastewater system improvements. - *Great West Engineering*
B	**16. Social Services – Governmental Services (e.g., demand on)** The Thompson Falls wastewater system improvements will not create any additional demands on social or governmental services. The improvements will represent an increase in governmental services by enhancing and upgrading the wastewater system facilities. - *2018 Project PER, Appendix A* - *Great West Engineering*
N	**17. Social Structures & Mores (Standards of Social Conduct/Social Conventions)** The improvements being considered for the Thompson Falls wastewater system are unlikely to impact social structures or values. - *Great West Engineering*
N	**18. Land Use Compatibility (e.g., growth, land use change, development activity, adjacent land uses and potential conflicts)** No impacts to current land use are anticipated from this project. - *Great West Engineering*
B	**19. Energy Resources - Consumption and Conservation** This collection system itself will have minimal energy requirements. The new lift stations and individual grinder pumps will each require electricity to operate. - *2018 Project PER, Chapter 3* - *2020 Project PER Update, Chapter 3* - *Great West Engineering*
N	**20. Solid Waste Management** The Wastewater collection system improvements will have no impact on the solid waste system. - *Great West Engineering*
B	**21. Wastewater Treatment - Sewage System** The Thompson Falls wastewater improvement project will improve the existing sewer system by removing the existing on-site systems and replacing the on-site systems with an expanded community sewer system. Ground water, public health, and public safety will be improved. - *Great West Engineering*
N	**22. Storm Water – Surface Drainage** The total length of the pipeline placement will cause more than one acre of land to be disturbed; thus, a storm water discharge permit would be needed during construction. The selected contractor would be responsible for obtaining a storm water permit. - *Great West Engineering*

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N	**23. Community Water Supply** The new wastewater collection system will not be connected to the community water supply and should not have any impact. - *Great West Engineering*
N	**24. Public Safety – Police** Public safety is not expected to be negatively impacted by the wastewater system improvements. - *Great West Engineering*
N	**25. Fire Protection – Hazards** Fire protection is not expected to be negatively impacted by the wastewater system improvements. - *Great West Engineering*

Key Letter: N – No Impact **B –** Potentially Beneficial **A –** Potentially Adverse
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N	**26. Emergency Medical Services** Emergency medical services are not expected to experience any negative impacts from the wastewater system improvements. - *Great West Engineering*
N	**27. Parks, Playgrounds, & Open Space** Access to and use of open space or recreational facilities are not expected to experience any negative impacts from the wastewater system improvements. - *Great West Engineering*
N	**28. Cultural Facilities, Cultural Uniqueness & Diversity** The cultural elements of the communities involved in the wastewater system improvements are not expected to experience any negative impacts. - *Great West Engineering*
N	**29. Transportation Networks and Traffic Flow Conflicts (e.g., rail; auto including local traffic; airport runway clear zones - avoidance of incompatible land use in airport runway clear zones)** Traffic flow may experience issues during construction of the wastewater collection system but following construction traffic flow should remain the same. - *Great West Engineering*
N	**30. Consistency with Local Ordinances, Resolutions, or Plans (e.g., conformance with local comprehensive plans, zoning, or capital improvement plans)** The wastewater collection system will comply with Circular DEQ-2 requirements. This plan ensures that growth within Thompson Falls will occur in a manner consistent wit the Town's ability to provide services and future infrastructure. - *2019 Capital Improvement Plan* - *2018 Project PER, Chapter 5* - *2020 Project PER Update, Chapter 5* - *Great West Engineering*
N	**31. Is There a Regulatory Action on Private Property Rights as a Result of this Project? (consider options that reduce, minimize, or eliminate the regulation of private property rights.)** The project has not resulted in any regulatory actions regarding private property rights. - *Great West Engineering*

ENVIRONMENTAL REQUIREMENTS AFTER THE PER HAS BEEN COMPLETED

I. Environmental Report (ER) with Categorical Exclusion (CE)

Depending on the sources of funding, once the PER has been completed and the potential environmental impacts have been determined, projects may have no additional environmental requirements other than obtaining appropriate permits. However, if the project is being funded by the USDA Rural Development Community Facility Programs, an Environmental Report must be completed. Depending on the outcome of the Environmental Report, either a Categorical Exclusion (CE) will need to be completed or an Environmental Assessment (EA) or Environmental Impact Statement (EIS) will be required. Projects funded through the SRF Loan Program, the TSEP, or the CDBG Program also require a Categorical Exclusion or an EA before construction can be authorized. Contact the funding agencies involved for details.

The USDA RD Program has a guide available to assist you in preparing the ER. See Guide to Applicants for Preparing Environmental Reports for Categorical Exclusions under § 1970.54 RD Instruction 1970-B, Exhibit C, FINAL RULE 81 FR 11000 Published March 2, 2016 with an Effective Date April 1, 2016. The Guide can be obtained by contacting the RD Program staff, or at the following Internet address:

RD 1970 Environmental Policies and Procedures RD Instruction 1970-B, Exhibit C provides specific guidance for preparing the ER including the format and information required; the environmental issues that must be considered during the proposed project's planning and design activities; the sources for locating the required information; and the documentation required to determine that there are no extraordinary circumstances that require a higher level of review including an EA or an EIS.

II. Environmental Assessment with FONSI

Depending on the sources of funding, once the PER has been completed and potential environmental impacts associated with the project have been identified, proposed projects may require an EA. For projects that anticipate funding through the USDA RD Community Facility Programs, the SRF Loan Programs, the TSEP, or the CDBG Program, an EA must be completed if the environmental review identifies potential environmental impacts beyond those qualifying for a Categorical Exclusion. Depending on the findings of the EA, either a Finding of No Significant Impact (FONSI) must be published or an Environmental Impact Statement (EIS) prepared. Assuming the EA determines there are no significant environmental impacts, the funding agency will prepare the FONSI and direct the applicant to publish it. The following chart provides specific program requirements for publishing the FONSI.

	CDBG	DNRC	RD	SRF	TSEP
Notice of Availability of EA	Contact CDBG staff	Not Required	Publish once; 30-day comment period required*	Not Required	Contact Infrastructure Staff
Notice of FONSI	Contact CDBG staff	Provide copy of FONSI.	Publish once; no comment period required	Publish once; 30-day comment period required	Contact Infrastructure Staff

*RD requires a Notice of Availability of the EA to be published once, which allows for a 30-day comment period prior to publishing the FONSI.

If two or more agencies provide funding for a project, a combined publication notice may possibly be used to satisfy the requirements of all agencies. Check with the applicable agencies to determine if a combined publication notice is possible.

APPENDIX F

Environmental Letters and Responses

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

Department of Environmental Quality
1520 E. 6th Ave.
PO Box 200901
Helena MT 59620-0901

Re: Thompson Falls, Montana Wastewater System Improvements

Dear To Whom It May Concern,

The purpose of this letter is to solicit comments regarding issues of concern that may result from the construction of a wastewater system improvements project in Thompson Falls, Montana. Thompson Falls lies primarily in Section 8 of Township 21N, Range 29E.

A portion of Thompson Falls is currently served by a wastewater collection system, with a treatment system situated northwest of the city. With help from a variety of funding agencies, the community has a phased expansion of the collection system planned.

The upcoming expansion will include the installation of wastewater collection lines within developed areas north of West Main Street (Montana Highway 200). It will serve residential and commercial structures within the City limits. The phased collection system improvements also include some existing collection system improvements. The majority of the existing collection system is located in the developed area south of West Main St., (MT Highway 200). Wastewater will be transferred to the existing treatment facility via new pipelines with the necessary lift stations.

The treatment facility expansion is currently being designed and will begin construction in 2020. Thompson Falls is looking into advanced lagoon system technologies that will be constructed within the existing treatment plant site.

The disturbances involved with the construction of the proposed wastewater collection system expansion will occur within the urbanized city limits of Thompson Falls. Service lines to residences and businesses will cause localized disturbances of both private and city property. Temporary environmental effects are likely, such as noise, dust, etc. Those can be mitigated with the use of Best Management Practices for construction and contractual conditions/restrictions.

Please take a few moments to review the site and the proposed project. Please provide a written response detailing any comments you may have regarding the project and any potential environmental impacts that should be considered in the project design, avoidance, or mitigation measures.

Comments can be sent via email to cgardner@greatwesteng.com or mailed to:

Carrie Gardner, PE
Great West Engineering, Inc.
PO Box 4817
Helena, MT 59604

BILLINGS
6780 Trade Center Ave.
Billings, MT 59101
406.652.5000
Fax 406.248.1963

BOISE
3050 N. Lakeharbor Ln.
Suite 203
Boise, ID 83703
208.376.6184

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1129

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1420

If you have no comment on this project, please check the box below and countersign the bottom of this letter and return it to me at the address listed above.

Please send responses by March 25, 2020. If you need further information or wish to discuss the project, please do not hesitate to contact me at (406) 495-6176.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Department of Environmental Quality has reviewed the enclosed information and has no comment on the project at this time.

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

Department of Labor and Industry
1327 Lockey
PO Box 1728
Helena MT 59624

Re: Thompson Falls, Montana Wastewater System Improvements

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| | Department of Labor and Industry has reviewed the enclosed information and has no comment on the project at this time.

Signature _____ Date _____

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Helena, MT 59604
406.449.8627 • Fax 406 449 8631
www.greatwesteng.com

February 25, 2020

Department of Fish, Wildlife and Parks
490 North Meridian Road
Kalispell MT 59901

Re: **Thompson Falls, Montana Wastewater System Improvements**

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Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Department of Fish, Wildlife and Parks has reviewed the enclosed information and has no comment on the project at this time.

_____ _____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

Department of Natural Resources and Conservation
1625 Eleventh Ave
Helena MT 59620-1601

Re: **Thompson Falls, Montana Wastewater System Improvements**

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Helena, MT 59604

BILLINGS
3750 Twin Creeks Dr.
Billings, MT 59101
406.652.5000
Fax 406.294.1360

BOISE
3050 N. Lakeharbor Ln.
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1109

SPOKANE
9221 N. Division St.
Suite 6
Spokane, WA 99218
509.413.1430

If you have no comment on this project, please check the box below and countersign the bottom of this letter and return it to me at the address listed above.

Please send responses by March 25, 2020. If you need further information or wish to discuss the project, please do not hesitate to contact me at (406) 495-6176.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Department of Natural Resources and Conservation has reviewed the enclosed information and has no comment on the project at this time.

_____ _____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406 449 8631
www.greatwesteng.com

February 25, 2020

Department of Transportation
2701 Prospect Ave
PO Box 201001
Helena MT 59620

Re: **Thompson Falls, Montana Wastewater System Improvements**

Dear To Whom It May Concern,

The purpose of this letter is to solicit comments regarding issues of concern that may result from the construction of a wastewater system improvements project in Thompson Falls, Montana. Thompson Falls lies primarily in Section 8 of Township 21N, Range 29E.

A portion of Thompson Falls is currently served by a wastewater collection system, with a treatment system situated northwest of the city. With help from a variety of funding agencies, the community has a phased expansion of the collection system planned.

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Please take a few moments to review the site and the proposed project. Please provide a written response detailing any comments you may have regarding the project and any potential environmental impacts that should be considered in the project design, avoidance, or mitigation measures.

Comments can be sent via email to cgardner@greatwesteng.com or mailed to:

Carrie Gardner, PE
Great West Engineering, Inc.
PO Box 4817
Helena, MT 59604

BILLINGS
0790 Inside Center Ave
Billings, MT 59101
406.652.5020
Fax 406.248.1263

BOISE
3050 N. Lakeharbor Ln
Suite 201
Boise, ID 83703
208.576.6649

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1000

SPOKANE
9221 N. Division St
Suite F
Spokane, WA 99218
509.413.1490

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Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Department of Transportation has reviewed the enclosed information and has no comment on the project at this time.

_____ _____ _____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

State Historic Preservation Office
225 North Roberts
PO Box 201202
Helena MT 59620

Re: Thompson Falls, Montana Wastewater System Improvements

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PO Box 4817
Helena, MT 59604

BILLINGS
6780 Trade Center Ave.
Billings, MT 59101
406.652.5400
Fax 406 248 1363

BOISE
3050 N. Lakeharbor Ln.
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406 952 2109

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1437

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Great West Engineering, Inc.

Carrie Gardner

Carrie Gardner, PE

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[ ] State Historic Preservation Office has reviewed the enclosed information and has no comment on the project at this time.

_____ _____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631

www.greatwesteng.com

February 25, 2020

US Environmental Protection Agency
Federal Building
10 West 15th Street, Suite 3200
Helena MT 59625

Re: **Thompson Falls, Montana Wastewater System Improvements**

Dear To Whom It May Concern,

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406.652.5000
Fax 406.248.1283

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Suite 201
Boise, ID 83703
208.576.6646

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702 2nd Street South #2
Great Falls, MT 59405
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Suite F
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Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] US Environmental Protection Agency has reviewed the enclosed information and has no comment on the project at this time.

Signature _____ Date _____

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

US Fish and Wildlife Service
585 Shepherd Way
Helena MT 59601

Re: **Thompson Falls, Montana Wastewater System Improvements**

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Helena, MT 59604

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Billings, MT 59101
406.652.5000
Fax 406.248.1365

BOISE
3050 N. Lavender Ln.
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #7
Great Falls, MT 59405
406.952.1139

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1430

Great West engineering

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Please send responses by March 25, 2020. If you need further information or wish to discuss the project, please do not hesitate to contact me at (406) 495-6176.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] US Fish and Wildlife Service has reviewed the enclosed information and has no comment on the project at this time.

________________________ ____________ __________________

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

US Forest Service
PO Box 7669
Missoula MT 59807

Re: Thompson Falls, Montana Wastewater System Improvements

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PO Box 4817
Helena, MT 59604

BILLINGS
2780 Trade Center Ave
Billings, MT 59101
406.652.5000
Fax 406.248.1363

BOISE
2050 N. Lakeharbor Ln.
Suite 201
Boise, ID 83702
208.576.0640

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1109

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1430

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Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] US Forest Service has reviewed the enclosed information and has no comment on the project at this time.

Signature _____ Date _____

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

US Army Corps of Engineers
10 West 15th Street
Suite 2200
Helena MT 59626

Re: Thompson Falls, Montana Wastewater System Improvements

Dear To Whom It May Concern,

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Carrie Gardner, PE
Great West Engineering, Inc.
PO Box 4817
Helena, MT 59604

BILLINGS
5780 Trade Center Ave.
Billings, MT 59101
406.652.6000
Fax 406.248.1363

BOISE
3050 N. Lakeharbor Ln.
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.2108

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1480

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Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] US Army Corps of Engineers has reviewed the enclosed information and has no comment on the project at this time.

Signature _____ Date _____

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

Federal Aviation Administration
2725 Skyway Drive
Helena MT 59602

Re: Thompson Falls, Montana Wastewater System Improvements

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Helena, MT 59604

BILLINGS
6780 Trade Center Ave
Billings, MT 59101
406.652.6001
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BOISE
3050 N. Lakeharbor Ln
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1109

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Suite F
Spokane, WA 99218
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Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch

[ ] Federal Aviation Administration has reviewed the enclosed information and has no comment on the project at this time.

Signature _____ Date _____

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 25, 2020

Natural Resource Conservation Service
7487 Montana Highway 200
Plains MT 59859

Re: **Thompson Falls, Montana Wastewater System Improvements**

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PO Box 4817
Helena, MT 59604

BILLINGS
6750 Trade Center Ave.
Billings, MT 59101
406.652.5000
Fax 406.248.1383

BOISE
9050 N. Lakeshore Dr.
Suite 201
Boise, ID 83709
208.576.6641

GREAT FALLS
700 2nd Street South #2
Great Falls, MT 59405
406.952.1109

SPOKANE
9221 N. Division St.
Suite 7
Spokane, WA 99218
509.413.1420

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Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

| | Natural Resource Conservation Service has reviewed the enclosed information and has no comment on the project at this time.

_____ _____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
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February 25, 2020

US Department of Transportation
585 Shephard Way
Helena MT 59601

Re: Thompson Falls, Montana Wastewater System Improvements

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Fax 406.248.1865

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3050 N. Lakeharbor Ln.
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Boise, ID 83703
208.576.6645

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Signature _____ Date _____

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering

February 25, 2020

Sanders County Floodplain Administrator
PO Box 519
Thompson Falls MT 59873

Re: **Thompson Falls, Montana Wastewater System Improvements**

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GREAT FALLS
702 2nd Street South #3
Great Falls, MT 59405
406.952.2109

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1430

If you have no comment on this project, please check the box below and countersign the bottom of this letter and return it to me at the address listed above.

Please send responses by March 25, 2020. If you need further information or wish to discuss the project, please do not hesitate to contact me at (406) 495-6176.

Sincerely,

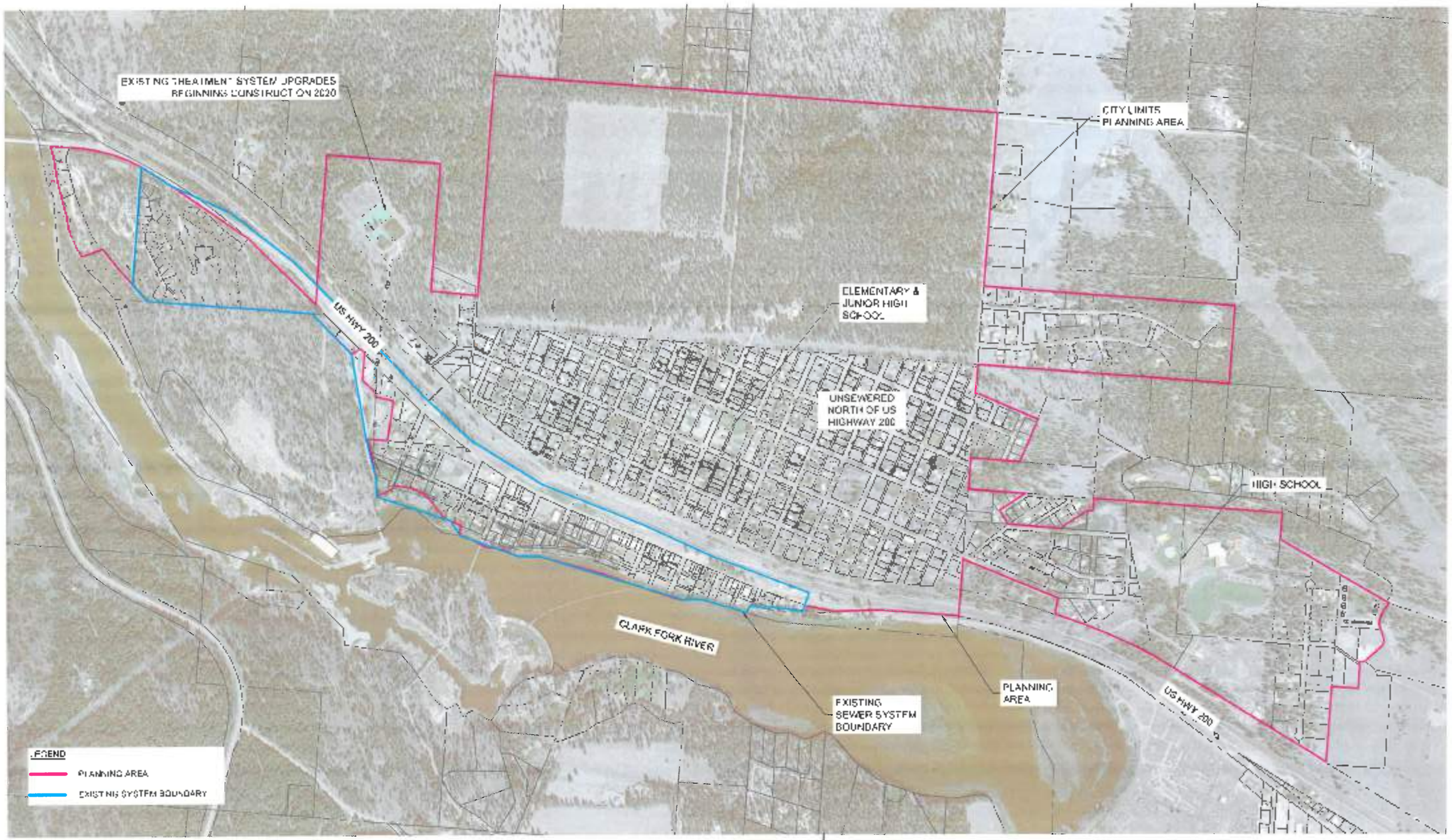
Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Sanders County Floodplain Administrator has reviewed the enclosed information and has no comment on the project at this time.

Signature _____ Date _____



GreatWest engineering,

Figure 1
City of Thompson Falls
PLANNING AREA

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM 2020 PER UPDATE

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering

February 26, 2020

Gerald Gray
Chairman, Little Shell Tribe of Chippewa Indians
615 Central Ave W
Great Falls, MT 59404

Re: Thompson Falls, Montana Wastewater System Improvements

Dear Gerald Gray:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to generally complete wastewater collection expansions improvements.

Thompson Falls will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your Tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize, or mitigate potential adverse effects.

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The treatment facility expansion is currently being designed and will begin construction in 2020. Thompson Falls is looking into advanced lagoon system technologies that will be constructed within the existing treatment plant site.

BILLINGS
6750 Trade Center Ave.
Billings, MT 59101
406.652.5000
Fax 406.248.1363

BOISE
[illegible]
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #7
Great Falls, MT 59405
406.952.1109

SPOKANE
9221 N. Division St.,
Suite F
Spokane, WA 99218
509.413.2450

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 45 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response?

Enclosed is a map and a site plan that shows the project area.

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We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your Tribe that may be affected by this project.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner

Phone: (406) 495 6176
Email: Cgardner@greatwestlong.com
Fax: (406) 449-8631

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406 449.8631
www.greatwesteng.com

GreatWest engineering

February 26, 2020

Honorable Glen Nenema
Tribal Chairman, Kalispel Indian Community of the Kalispel Reservation
PO Box 39
Usk, WA 99180

Re: Thompson Falls, Montana Wastewater System Improvements

Dear Glen Nenema:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to complete wastewater collection expansions improvements.

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BILLINGS
6780 Trade Center Ave
Billings, MT 59101
406.652.5000
Fax 406.248.1363

BOISE
[illegible]
Suite 201
Boise, ID 83705
208.426.6646

GREAT FALLS
702 2nd Street South #7
Great Falls, MT 59405
406.952.1109

SPOKANE
9221 N. Division St.,
Suite F
Spokane, WA 99218
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Sincerely,

Great West Engineering, Inc.

Carne Gardner

Phone: (406) 495 6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering

February 26, 2020

Honorable Francis Cullooyah
Cultural Director, Kalispel Indian Community of the Kalispel Reservation
PO Box 39
Usk, WA 99180

Re: **Thompson Falls, Montana Wastewater System Improvements**

Dear Ms. Cullooyah:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana is requesting financial assistance from Rural Development to complete wastewater collection expansions improvements.

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BILLINGS
5780 Trade Center Ave
Billings, MT 59101
406.652.5000
Fax 406.248.1363

BOISE
3050 N. Lakeharbor Ln.
Suite 201
Boise, ID 83703
208.578.6648

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1330

SPOKANE
3221 N. Division St.
Suite F
Spokane, WA 99218
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Sincerely,

Great West Engineering, Inc.

Carrie Gardner

Phone: (406) 495-6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406 449 8631
www.greatwesteng.com

GreatWest engineering

February 26, 2020

Honorable Mark Azure
President, Fort Belknap Indian Community of the Fort Belknap Reservation of Montana
656 Agency Main Street
Harlem, MT 59526-9455

Re: Thompson Falls, Montana Wastewater System Improvements

Dear Mr. Azure :

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to complete wastewater collection expansions improvements.

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BILLINGS
6780 Trade Center Ave
Billings, MT 59101
406.652.5000
Fax 406.248.2363

BOISE
1050 N. Lakeharbor Ln
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.452.1109

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1430

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We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your Tribe that may be affected by this project.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner

Phone: (406) 495-6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631

cc: Michael Blackwolf, Tribal Historic Preservation Officer, 656 Agency Main Street, Fort Belknap, MT 59526-9455

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PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering

February 26, 2020

Honorable Michael Blackwolf
Tribal Historic Preservation Officer, Fort Belknap Indian Community of the Fort Belknap Reservation of Montana
656 Agency Main Street
Harlem, MT 59526

Re: **Thompson Falls, Montana Wastewater System Improvements**

Dear Michael Blackwolf:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to generally complete wastewater collection expansions improvements.

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BILLINGS
5725 Trade Center Ave.
Billings, MT 59101
406.652.5000
Fax 406.248.1383

BOISE
3050 N. Lakeharbor Ln.
Suite 202
Boise, ID 83703
208.576.6648

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1108

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.822.1430

The treatment facility expansion is currently being designed and will begin construction in 2020. Thompson Falls is looking into advanced lagoon system technologies that will be constructed within the existing treatment plant site.

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Sincerely,

Great West Engineering, Inc.

Carrie Gardner

Phone: (406) 495-6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631

cc: Mark Azure, President, 656 Agency Main Street, Fort Belknap, MT 59526
File

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

February 26, 2020

Honorable Vernon Finley
Chairperson, Confederated Salish and Kootenai Tribes of the Flathead Reservation
PO Box 278
Pablo, MT 59855-0278

Re: Thompson Falls, Montana Wastewater System Improvements

Dear Mr. Finley:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana is requesting financial assistance from Rural Development to generally complete wastewater collection expansions improvements.

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BILLINGS
6780 Trade Center Ave
Billings, MT 59101
406.652.5000
Fax 406.248.1363

BOISE
5120 N. Lakeharbor Ln
Suite 201
Boise, ID 83703
208.576.6648

GREAT FALLS
702 2nd Street South #7
Great Falls, MT 59405
406.952.1179

SPOKANE
9221 N. Division St.
Suite F
Spokane, WA 99218
509.413.1430

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Great West Engineering, Inc.

Carrie Gardner

Phone: (406) 495 6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631

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PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering®

February 26, 2020

Honorable Ira Matt
Tribal Preservation Officer, Confederated Salish and Kootenai Tribes of the Flathead Reservation
PO Box 278
Pablo, MT 59855

Re: **Thompson Falls, Montana Wastewater System Improvements**

Dear Mr. Matt:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to generally complete wastewater collection expansions improvements.

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Great West Engineering, Inc.

Carrie Gardner

Phone: (406) 495-6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631

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406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering

February 26, 2020

Honorable Chief James Allan
Chairman, Coeur D'Alene Tribe
PO Box 408
Plummer, ID 83851

Re: Thompson Falls, Montana Wastewater System Improvements

Dear Chief Allan:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to generally complete wastewater collection expansions improvements.

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www.greatwesteng.com

February 26, 2020

Honorable Jill Wagner, PhD
Tribal Historic Preservation Officer, Coeur D'Alene Tribe
PO Box 408
Plummer, ID 83851

Re: Thompson Falls, Montana Wastewater System Improvements

Dear Ms. Wagner, PhD:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to generally complete wastewater collection expansions improvements.

Thompson Falls will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your Tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize, or mitigate potential adverse effects.

A portion of Thompson Falls is currently served by a wastewater collection system, with a treatment system situated northwest of the city. With help from a variety of funding agencies, the community has a phased expansion of the collection system planned.

The upcoming expansion will include the installation of wastewater collection lines within developed areas north of West Main St. (MT Highway 200). It will serve residential and commercial structures within the City limits. The phased collection system improvements also include some existing collection system improvements. The majority of the existing collection system is located in the developed area south of West Main St., (MT Highway 200). Wastewater will be transferred to the existing treatment facility via new pipelines with the necessary lift stations.

The treatment facility expansion is currently being designed and will begin construction in 2020. Thompson Falls is looking into advanced lagoon system technologies that will be constructed within the existing treatment plant site.

BILLINGS
6780 Trade Center Ave.
Billings, MT 59101
406.652.5000
Fax 406.248.2363

BOISE
2050 N. Lakeharbor Ln.
Suite 201
Boise, ID 83703
208.576.6646

GREAT FALLS
702 2nd Street South #2
Great Falls, MT 59405
406.952.1109

SPOKANE
9221 N. Division St.,
Suite F
Spokane, WA 99218
509.413.1480

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 45 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response?

Enclosed is a map and a site plan that shows the project area.

More information on the Section 106 review process is available at http://www.cnecpd.info/environmental-review/historic-preservation/.

If you do not wish to consult on this project, can you please inform us? If you do want to consult, can you please include in your reply the name and contact information for the Tribe's principal representative in the consultation? Thank you very much.

We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your Tribe that may be affected by this project.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner

Phone: (406) 495-6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering

February 26, 2020

Honorable Lyman Guy
Apache Tribe of Oklahoma
PO Box 1330
Anadarko, OK 73005

Re: Thompson Falls, Montana Wastewater System Improvements

Dear Mr. Guy:

The City of Thompson Falls is planning wastewater system improvements and considering funding the project listed above with federal funds from the United States Department of Agriculture Rural Development. Thompson Falls has assumed Rural Development's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association. The City of Thompson Falls, in Sanders County, Montana, is requesting financial assistance from Rural Development to generally complete wastewater collection expansions improvements.

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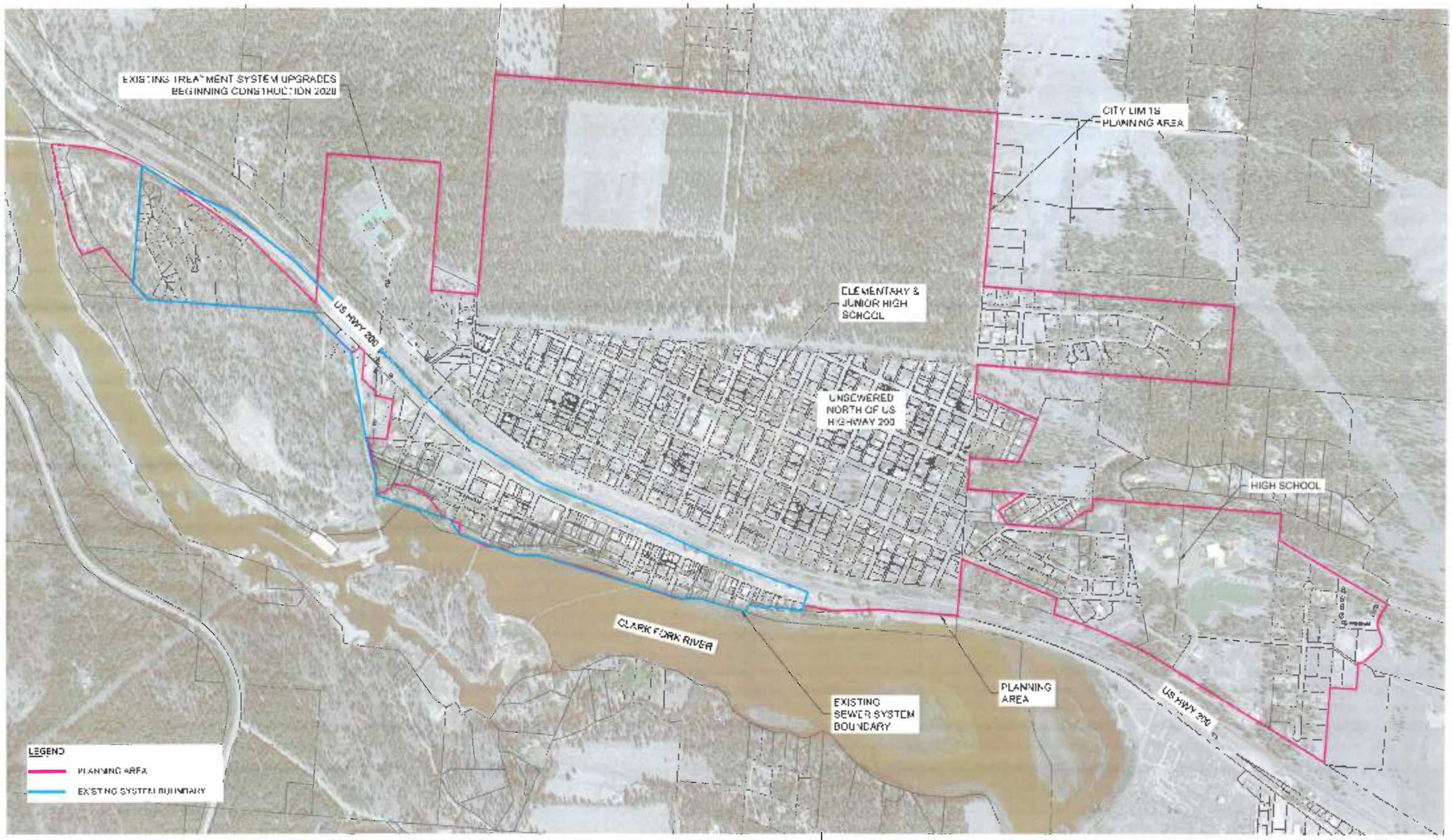
Carrie Gardner

Phone: (406) 495 6176
Email: Cgardner@greatwesteng.com
Fax: (406) 449-8631



GreatWest engineering

Figure 1
City of Thompson Falls
PLANNING AREA

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM 2020 PER UPDATE

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406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

GreatWest engineering

March 12, 2020

US Forest Service
Region 1
26 Fort Missoula RD
Missoula MT 59804-7203

Re: **Thompson Falls, Montana Wastewater System Improvements**

Dear To Whom It May Concern,

The purpose of this letter is to solicit comments regarding issues of concern that may result from the construction of a wastewater system improvements project in Thompson Falls, Montana. Thompson Falls lies primarily in Section 8 of Township 21N, Range 29E.

A portion of Thompson Falls is currently served by a wastewater collection system, with a treatment system situated northwest of the city. With help from a variety of funding agencies, the community has a phased expansion of the collection system planned.

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Please take a few moments to review the site and the proposed project. Please provide a written response detailing any comments you may have regarding the project and any potential environmental impacts that should be considered in the project design, avoidance, or mitigation measures.

Comments can be sent via email to cgardner@greatwesteng.com or mailed to:

Carrie Gardner, PE
Great West Engineering, Inc.
PO Box 4817
Helena, MT 59604

BILLINGS
5780 Trade Center Ave.
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BOISE
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Spokane, WA 99218
509.413.1430

If you have no comment on this project, please check the box below and countersign the bottom of this letter and return it to me at the address listed above.

Please send responses by April 11, 2020. If you need further information or wish to discuss the project, please do not hesitate to contact me at (406) 495-6176.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] US Forest Service has reviewed the enclosed information and has no comment on the project at this time.

_____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

March 12, 2020

National Park Service
PO Box 25287
Denver CO 80225-0287

Re: Thompson Falls, Montana Wastewater System Improvements

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Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] National Park Service has reviewed the enclosed information and has no comment on the project at this time.

_____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631

www.greatwesteng.com

March 12, 2020

Bureau of Land Management
5001 Southgate Drive
Billings MT 59101

Re: Thompson Falls, Montana Wastewater System Improvements

Dear To Whom It May Concern,

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Sincerely,

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Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Bureau of Land Management has reviewed the enclosed information and has no comment on the project at this time.

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
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March 12, 2020

Bureau of Indian Affairs
2021 4th Ave N.
Billings MT 59101

Re: Thompson Falls, Montana Wastewater System Improvements

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Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Bureau of Indian Affairs has reviewed the enclosed information and has no comment on the project at this time.

Signature _____ Date _____

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631

www.greatwesteng.com

March 12, 2020

Occupational Safety and Health Administration
2900 4th Ave. N
Billings MT 59101

Re: Thompson Falls, Montana Wastewater System Improvements

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Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] Occupational Safety and Health Administration has reviewed the enclosed information and has no comment on the project at this time.

_____ _____

Signature Date

HELENA
PO Box 4817 • 2501 Belt View Drive
Helena, MT 59604
406.449.8627 • Fax 406.449.8631
www.greatwesteng.com

March 12, 2020

DNRC Water Resources Regional Office
Kalispell Regional Office
655 Timberwolf Pkwy
Kalispell MT 59901

Re: Thompson Falls, Montana Wastewater System Improvements

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Sincerely,

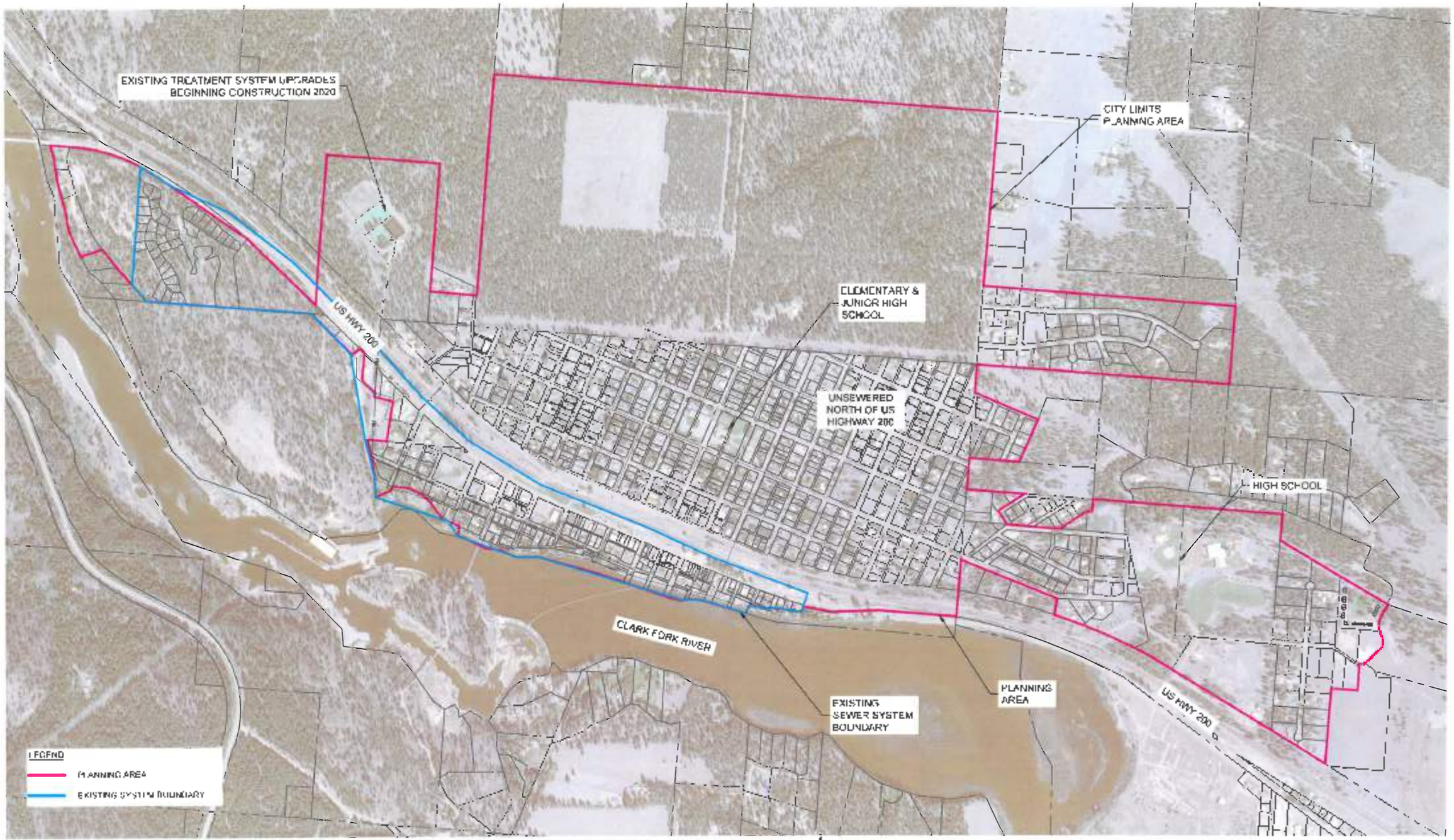
Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[ ] DNRC Water Resources Regional Office has reviewed the enclosed information and has no comment on the project at this time.

Signature Date



GreatWest engineering

Figure 1
City of Thompson Falls
PLANNING AREA

CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM 2020 PER UPDATE

Carrie Gardner

From: Bruner, Heidy (FHWA) <heidy.bruner@dot.gov>
Sent: Tuesday, March 10, 2020 10:34 AM
To: Carrie Gardner
Cc: JSKINNER; Hasselbach, Brian (FHWA)
Subject: City of Thompson Falls Wastewater System Improvements

Dear Carrie Gardner,

Thank you for your February 25, 2020 letter, which notified us of the City of Thompson Falls proposed wastewater system improvements. The Federal Highway Administration appreciates the opportunity to review the proposed project and offer comment.

After reviewing the proposal and the defined boundaries of the project, it appears that the proposed project will likely impact highway infrastructure or right of way of Highway 200. If that is currently the case or if the project proposal evolves to include impacts to state transportation infrastructure, please coordinate your efforts with the Montana Department of Transportation (MDT), as appropriate.

To facilitate that coordination, I have copied Jim Skinner, Chief of the MDT Policy, Program & Performance Analysis Bureau. That MDT Bureau coordinates the Systems Impact Analysis Process (SIAP) reviews facilities impacting state roadways and non–MDT–initiated environmental review processes.

Thank you again for the opportunity to provide comment on this proposed project. Please contact me at (406) 441-3914 or Heidy.Bruner@dot.gov, if you wish to discuss my comments or if you have additional questions or concerns.

Kindly,
Heidy Bruner, P.E.
Federal Highway Administration – Montana Division
406.441.3914

Carrie Gardner

From: Schock, Larry <lschock@mt.gov>
Sent: Tuesday, April 7, 2020 11:08 AM
To: Carrie Gardner
Subject: Thompson Falls, Montana Wastewater System Improvements

Hello Carrie,

Thompson Falls is a FEMA Sanctioned community and is not currently participating in the NFIP program. Please be sure to check and see if this may interfere with their ability to obtain funding for some sources for this proposed project.

While this community is not currently participating in the floodplain program, the DNRC recommends that any activities that do occur within the FEMA mapped floodplain be constructed to State and Federal floodplain standards.

Please contact me if you have any additional questions.

Larry A. Schock
Civil Engineering Specialist
MT DNRC MRO
406-542-5885
lschock@mt.gov

Carrie Gardner

From: Murdo, Damon <dmurdo@mt.gov>
Sent: Tuesday, March 3, 2020 4:45 PM
To: Carrie Gardner
Subject: THOMPSON FALLS WATER SYSTEM IMPROVEMENTS
Attachments: Reports.pdf; Sites.pdf; 2020030308.pdf

Big Sky. Big Land. Big History.
Montana
Historical Society

March 3, 2020

Carrie Gardner
Great West Engineering
PO Box 4817
Helena MT 59604

RE: THOMPSON FALLS WATER SYSTEM IMPROVEMENTS.SHPO Project #: 2020030308

Dear Carrie:

I have conducted a cultural resource file search for the above-cited project located in Section 8, T21N R29E. According to our records there have been a few previously recorded sites within the designated search locales. In addition to the sites there have been a few previously conducted cultural resource inventories done in the areas. I've attached a list of these sites and reports. If you would like any further information regarding these sites or reports, you may contact me at the number listed below.

It is SHPO's position that any structure over fifty years of age is considered historic and is potentially eligible for listing on the National Register of Historic Places. If any structures are to be altered and are over fifty years old, we would recommend that they be recorded, and a determination of their eligibility be made prior to any disturbance taking place.

As long as ground disturbance will be kept to existing disturbed roadways and there will be no disturbance or alteration to structures over fifty years of age, we feel that there is a low likelihood cultural properties will be impacted. We, therefore, feel that a recommendation for a cultural resource inventory is unwarranted at this time. However, should structures need to be altered or if cultural materials be inadvertently discovered during this project, we would ask that our office be contacted, and the site investigated.

If you have any further questions or comments, you may contact me at (406) 444-7767 or by e-mail at dmurdo@mt.gov. I have attached an invoice for the file search. Thank you for consulting with us.

Sincerely,

Damon Murdo
Cultural Records Manager
State Historic Preservation Office

File: DEQ/AWWM/2020

STATE HISTORIC PRESERVATION OFFICE
Montana Cultural Resource Database
CRABS Township,Range,Section Results
Report Date:3/3/2020

Township:21 N Range:29 W Section: 8

BOWERS MARTHA, ET AL.

1/8/1982 AN EVALUATION OF THE HISTORIC AND PREHISTORIC CULTURAL RESOURCES IN THE THOMPSON FALLS, RYAN AND HAUSER DAM AREA, CENTRAL AND WESTERN MONTANA

CRABS Document Number: SA 6 9493 Agency Document Number:

Township:21 N Range:29 W Section: 8

WYSS MARILYN J., ET AL.

6/20/1991 THOMPSON FALLS - EAST

CRABS Document Number: SA 4 12809 Agency Document Number: F 6-1(48)52

Township:21 N Range:29 W Section: 8

GRANT DAVID

11/30/1994 FIBER OPTIC LINE PORT OF PIEGAN, ALBERTA TO THOMPSON FALLS; CONSTRUCTION MONITORING REPORT

CRABS Document Number: ZZ 6 16637 Agency Document Number:

Township:21 N Range:29 W Section: 8

ROSSILLON MITZI

3/16/1995 THOMPSON FALLS ISLAND, THOMPSON FALLS HYDROELECTRIC PROJECT

CRABS Document Number: SA 6 16983 Agency Document Number:

Township:21 N Range:29 W Section: 8

LEWARCH DENNIS E., ET AL.

11/19/1993 MONTANA-CANADA FIBER OPTIC LINE GLACIER, FLATHEAD, AND SANDERS COUNTIES, MONTANA

CRABS Document Number: ZZ 6 18787 Agency Document Number:

Township:21 N Range:29 W Section: 8

DICKERSON KEN

5/6/2008 THOMPSON FALLS HYDROELECTRIC DEVELOPMENT PROPOSED FISH LADDER PROJECT, SANDERS COUNTY, MONTANA: CULTURAL RESOURCE INVENTORY AND EVALUATION

CRABS Document Number: SA 6 30347 Agency Document Number:

Township:21 N Range:29 W Section: 8

HERBEL BRIAN

10/1/2012 LITERATURE REVIEW AND CULTURAL RESOURCES FIELD SURVEY FOR THE PROPOSED THOMPSON FALLS INTERCONNECTION TRANSMISSION LINE, SANDERS COUNTY, MONTANA

CRABS Document Number: SA 6 34056 Agency Document Number:

STATE HISTORIC PRESERVATION OFFICE
Cultural Resource Information Systems
CRIS Township, Range, Section Report
Report Date:3/3/2020

Site #	Twp	Rng	Sec	Qs	Site Type 1	Site Type 2	Time Period	Owner	NR Status
24SA0131	21N	29W	8		Historic District		Historic More Than One Decade	Combination	Undetermined*
24SA0132	21N	29W	8		Historic Hotel/Motel		Historic More Than One Decade	Private	NR Listed
24SA0133	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	NR Listed
24SA0135	21N	29W	8		Historic Fraternal Lodge		Historic More Than One Decade	Private	NR Listed
24SA0199	21N	29W	8	comb	Historic Railroad		1880-1889	Other	Eligible
24SA0256	21N	29W	8		Historic Commercial Development		Historic More Than One Decade	Private	NR Listed
24SA0257	21N	29W	8		Historic Hotel/Motel		Historic More Than One Decade	Private	NR Listed
24SA0258	21N	29W	8		Historic Commercial Development		Historic More Than One Decade	Private	NR Listed
24SA0259	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	NR Listed
24SA0260	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	Undetermined*
24SA0261	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	NR Listed
24SA0262	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	Undetermined*
24SA0263	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	NR Listed
24SA0264	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	NR Listed
24SA0265	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	NR Listed
24SA0266	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	NR Listed
24SA0267	21N	29W	8		Historic Site		Historic More Than One Decade	Private	Undetermined*
24SA0268	21N	29W	8		Historic Residence		Historic More Than One Decade	Private	Undetermined*
24SA0269	21N	29W	8		Historic Residence	Historic Energy Development	Historic More Than One Decade	Private	Undetermined*
24SA0294	21N	29W	8		Historic Vehicular/Foot Bridge		Prehistoric More Than One Period	Other	DOE
24SA0134	21N	29W	8	comb	Historic Residence	Historic Log Structure	Historic More Than One Decade	Private	NR Listed
24SA0214	21N	29W	8		Historic Railroad Building/Structure		1900-1909	Private	NR Listed
24SA0222	21N	29W	8	NW	Historic Political/Government	Historic Architecture	1900-1909	State Owned	NR Listed
24SA0497	21N	29W	8	NW	Historic Residence		1920-1930	Private	Ineligible
24SA0498	21N	29W	8	NW	Historic Residence		No Indication of Time	Private	Ineligible

Carrie Gardner

From: Martin, Jacob <jacob_martin@fws.gov>
Sent: Wednesday, March 11, 2020 11:59 AM
To: Carrie Gardner
Subject: Thompson Falls, Montana Wastewater System Improvements

Dear Ms. Gardner:

Thank you for your February 25, 2020, letter requesting U.S. Fish and Wildlife Service comment on the proposed subject project.

This email represents our official response to your inquiry for your records.

The U.S. Fish and Wildlife Service reviewed the project description and has no comments regarding federally-listed or proposed threatened or endangered species or other trust species. Additional information on specific locations may be obtained using the IPaC project-planning tool at https://ecos.fws.gov/ipac/.

Thank you for the opportunity to comment. If you have any questions or comments about this correspondence please contact me via email or at the address below.

Sincerely,

Jacob M. (Jake) Martin
MT ES office Assistant Field Supervisor
U.S. Fish and Wildlife Service
585 Shephard Way, Suite 1
Helena, MT 59601
(406) 449-5225x215
jacob_martin@fws.gov

If you have no comment on this project, please check the box below and countersign the bottom of this letter and return it to me at the address listed above.

Please send responses by April 11, 2020. If you need further information or wish to discuss the project, please do not hesitate to contact me at (406) 495-6176.

Sincerely,

Great West Engineering, Inc.

Carrie Gardner, PE

Enclosures: Aerial Vicinity Map & Project Sketch.

[X] US Forest Service has reviewed the enclosed information and has no comment on the project at this time.

Signature

3/19/2020
Date

APPENDIX G

Natural Heritage Database

Montana Natural Heritage - SOC Report Species List Last Updated **04/16/2020**

Plant Species of Concern

12 Species of Concern
Filtered by the following criteria:
Town (buffered by 10 miles) = Thompson Falls (based on mapped Species Occurrences)

A program of the Montana State Library's
Natural Resource Information System
operated by the University of Montana.

Expand All | Collapse All

Introduction

Introduction

The Montana Natural Heritage Program (MTNHP) serves as the state's information source for Species of Concern (SOC) -- plants and animals that are rare, threatened, and/or have declining populations and as a result are at risk or potentially at risk of extirpation in Montana. This report is based on information gathered from field inventories, publications, reports, herbaria specimens, and the knowledge of botanists and other taxonomic experts. Taxa in the SOC category generally include all vascular plant taxa ranked S1, S2, S3 or SH. Nonvascular taxa (bryophytes and lichens) which are not as well documented or studied as vascular plant taxa in the state, are listed as SOC using similar criteria as vascular taxa but are more strictly limited to those taxa which are believed to be the rarest or most vulnerable to extirpation based on current information.

Designation as a Species of Concern is not a statutory or regulatory classification. Instead, these designations provide a basis for resource managers and decision-makers to make proactive decisions regarding species conservation and data collection priorities in order to maintain viable populations and avoid extirpation of species from the state. MTNHP may designate additional taxa as Potential Species of Concern (PSOC). Taxa in this designation include species or subspecies which may be rare, have a restricted range in the state or are otherwise vulnerable to extirpation in at least part of their range but otherwise do not meet the criteria for inclusion as a SOC. An additional designation of Status Under Review is used for those taxa for which additional information is needed to accurately assign a status rank or for which conflicting information exists. Taxa designated as Status Under Review are not included in this document but can be found in the on-line **Fieldguide (http://fieldguide.mt.gov/)**.

This web-based report, which replaces the 2006 Plant Species of Concern publication, identifies vascular plant Species of Concern (SOC), bryophyte SOC and lichen SOC in Montana. The MTNHP continuously reviews and updates status ranks as new information and data become available through field surveys, research, and submitted observations. Status ranks and information supporting them are reviewed by botanists and resource specialists. If you wish to comment or contribute information to this process please contact the MTNHP Botanist. The information we receive from botanists and others throughout the state is essential in this process, and contributes to more accurate assessments of species' status. We continue to ask that all observations for SOC, PSOC and Review Status plants be reported to the Heritage Program. A copy of the field survey form specifying the information that should be submitted is available on our **website (http://mtnhp.org/)**.

Information concerning plant species contained on the SOC, PSOC or Review lists may be viewed on the MTNHP's on-line Montana Plant Field Guide. The Field Guide provides information for vascular and non-vascular plants, including species' characteristics, identification, habitat, distribution, state rank reasons and references, as well as technical illustrations and photographs of the plants and their habitats. For each species, a link to the NatureServe website (http://www.natureserve.org/) provides access to information on the status of the species throughout North America, assembled from state and provincial Natural Heritage databases. Information in the Montana Field Guide is continuously updated and expanded, so please check it often for current species' information. If you have questions concerning the field guide or find errors or omissions please contact the MTNHP.

Status lists of SOC plants may be queried on-line by county and/or township; taxonomic group or one of several rank/status criteria. More detailed information or additional assistance can be requested from MTNHP using the Information Request function on our **website**, or by phone, e-mail or mail.

How to Read the Lists

The SOC list is organized alphabetically by scientific name (Genus and specific epithet followed by subspecific epithet if any) within the major groups of Vascular Plants, Bryophytes (Mosses and Liverworts) and Lichens. Vascular plants are further sorted by the subgroups: Ferns and Fern Allies, Gymnosperms (if any), Flowering Plants-Dicots and Flowering Plants-Monocots. The list can also be sorted alphabetically by the common name. Additional scientific names as well as the Family name are included in adjacent columns for each species. The nomenclature and taxonomy for many groups of plants continues to change as new research is conducted and published, and as a result no one nomenclatural reference is followed. Publications and web resources which are most relevant to Montana plants include Vascular Plants of Montana (Dorn 1984), NatureServe Explorer, The USDA PLANTS database, Flora of North America (1993-), Grasses of Montana (Lavin and Seibert 2011) and Flora of the Pacific Northwest (Hitchcock and Cronquist 1973). Additionally, an abundance of scientific literature pertinent to Montana plants is available and indispensable in the process of determining the nomenclature and taxonomic concepts used in this report.

Species that have been added to or deleted from the SOC list due to changes in their global or state rank are reported in separate sections below. These changes are also reflected in the date displayed at the top of the report which shows when an addition or deletion to the list last occurred.

County Distribution

Montana counties of record are listed alphabetically with each species. County records of occurrence are determined directly from mapped species occurrences (SO's) in MTNHP databases. A record of occurrence for a particular county may be based on a historical observation which may no longer be extant. Additionally, some plant observations with vague locality information are not mapped in MTNHP databases and as result would not be included in the county distribution for that particular species.

Montana Species Ranking Codes (GRank, SRank)

Montana employs a standardized ranking system to denote **global** (range-wide) and **state** status (NatureServe 2006). Species are assigned numeric ranks ranging from 1 (highest risk, greatest concern) to 5 (demonstrably secure), reflecting the relative degree of risk to the species' viability, based upon available information.

A number of factors are considered in assigning ranks — the number, size and quality of known occurrences or populations, distribution, trends (if known), intrinsic vulnerability, habitat specificity, and definable threats. The process of assigning state ranks for each taxon relies heavily on the number of occurrences and Species Occurrence (OE) ranks, which is a ranking system of the quality (usually A through D) of each known occurrence based on factors such as size (# of individuals) and habitat quality. The remaining factors noted above are also incorporated into the ranking process when they are known. The "State Rank Reason" field in the **Montana Field Guide** provides additional information on the reasons for a particular species' rank.

Rank		Definition
G1	**S1**	At high risk because of **extremely limited** and/or **rapidly declining** population numbers, range and/or habitat, making it highly vulnerable to global extinction or extirpation in the state.
G2	**S2**	At risk because of **very limited** and/or **potentially declining** population numbers, range and/or habitat, making it vulnerable to global extinction or extirpation in the state.
G3	**S3**	Potentially at risk because of **limited** and/or **declining** numbers, range and/or habitat, even though it may be abundant in some areas.
G4	**S4**	Apparently secure, though it may be quite rare in parts of its range, and/or suspected to be declining.
G5	**S5**	Common, widespread, and abundant (although it may be rare in parts of its range). Not vulnerable in most of its range.
GX	**SX**	Presumed Extinct or Extirpated - Species is believed to be extinct throughout its range or extirpated in Montana. Not located despite intensive searches of historical sites and other appropriate habitat, and small likelihood that it will ever be rediscovered.
GH	**SH**	Historical, known only from records usually 40 or more years old; may be rediscovered.
GNR	**SNR**	Not Ranked as of yet.
GU	**SU**	Unrankable - Species currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
GNA	**SNA**	A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities as a result of being: 1) not confidently present in the state; 2) non-native or introduced; 3) a long distance migrant with accidental or irregular stopovers; or 4) a hybrid without conservation value.

Combination or Range Ranks

G#G# or **S#S#** Indicates a range of uncertainty about the status of the species *(e.g., G1G3 = Global Rank ranges between G1 and G3).*

S#, S# Indicates that populations in different geographic portions of the species' range in Montana have a different conservation status *(e.g., S1 west of the Continental Divide and S4 east of the Continental Divide).*

Sub-rank

T# Rank of a subspecies or variety. Appended to the global rank of the full species, *e.g. G4T3*

Qualifiers

Q **Questionable** taxonomy that may reduce conservation priority-Distinctiveness of this entity as a taxon at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or inclusion of this taxon in another taxon, with the resulting taxon having a lower-priority (numerically higher) conservation status rank. Appended to the global rank, *e.g. G3Q*

? **Inexact Numeric Rank** - Denotes uncertainty; inexactness.

HYB **Hybrid** - Entity not ranked because it represents an interspecific hybrid and not a species.

C **Captive or Cultivated Only** - Species at present exists only in captivity or cultivation, or as a reintroduced population not yet established.

A **Accidental** - Species is accidental or casual in Montana, in other words, infrequent and outside usual range. Includes species (usually birds or butterflies) recorded once or only a few times at a location. A few of these species may have bred on the few occasions they were recorded.

SYN **Synonym** - Species reported as occurring in Montana, but the Montana Natural Heritage Program does not recognize the taxon; therefore the species is not assigned a rank.

B **Breeding** - Rank refers to the breeding population of the species in Montana. Appended to the state rank, *e.g. S2**B**,S5N = At risk during breeding season, but common in the winter*

N **Nonbreeding** - Rank refers to the non-breeding population of the species in Montana. Appended to the state rank, *e.g. S5B,S2**N** = Common during breeding season, but at risk in the winter*

M **Migratory** - Species occurs in Montana only during migration.

Federal Status

Designations in this column reflect the status of a species under the U.S. Endangered Species Act (ESA), or as “sensitive” by the U.S. Forest Service (USFS) or Bureau of Land Management (BLM).

U.S. Fish and Wildlife Service (Endangered Species Act)

Status of a taxon under the federal Endangered Species Act of 1973
(16 U.S.C.A. § 1531-1543 (Supp. 1996))

Designation Descriptions

LE **Listed endangered:** Any species in danger of extinction throughout all or a significant portion of its range (16 U.S.C. 1532(6)).

LT **Listed threatened:** Any species likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range (16 U.S.C. 1532(20)).

C **Candidate:** Those taxa for which sufficient information on biological status and threats exists to propose to list them as threatened or endangered. We encourage their consideration in environmental planning and partnerships; however, none of the substantive or procedural provisions of the Act apply to candidate species.

P **Proposed threatened:** Any species that is proposed in the Federal Register to be listed under section 4 of the Act.

DM **Recovered, delisted, and being monitored** - Any previously listed species that is now recovered, has been delisted, and is being monitored.

NL **Not listed** - No designation.

XE **Experimental - Essential population** - An experimental population whose loss would be likely to appreciably reduce the likelihood of the survival of the species in the wild.

XN **Experimental - Nonessential population** - An experimental population of a listed species reintroduced into a specific area that receives more flexible management under the Act.

CH **Critical Habitat** - The specific areas (i) within the geographic area occupied by a species, at the time it is listed, on which are found those physical or biological features (I) essential to conserve the species and (II) that may require special management considerations or protection; and (ii) specific areas outside the geographic area occupied by the species at the time it is listed upon determination that such areas are essential to conserve the species.

PS **Partial status** - status in only a portion of the species' range. Typically indicated in a "full" species record where an infraspecific taxon or population, that has a record in the database has USESA status, but the entire species does not. For example, Yellow-billed Cuckoo (*Coccyzus americanus*) is ranked **PS:LT**. Partial Status - Listed Threatened. Designated as Threatened in the Western U.S. Distinct Population Segment (DPS) (subspecies *occidentalis*)

BGEPA **The Bald and Golden Eagle Protection Act of 1940 (BGEPA) -** (16 U.S.C. 668-668c) prohibits anyone, without a permit issued by the Secretary of the Interior, from taking bald or golden eagles, including their parts, nests, or eggs. The BGEPA provides criminal and civil penalties for persons who take, possess, sell, purchase, barter, offer to sell, purchase or barter, transport, export or import, at any time or any manner, any bald eagle ... [or any golden eagle], alive or dead, or any part, nest, or egg thereof. The BGEPA defines take as pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest or disturb. "Disturb" means to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, 1) injury to an eagle, 2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior. In addition to immediate impacts, this definition also covers impacts that result from human-induced alterations initiated around a previously used nest site during a time when eagles are not present, if, upon the eagles return, such alterations agitate or bother an eagle to a degree that injures an eagle or substantially interferes with normal breeding, feeding, or sheltering habits and causes, or is likely to cause, a loss of productivity or nest abandonment.

MBTA **The Migratory Bird Treaty Act (MBTA) -** (16 U.S.C. §§ 703-712, July 3, 1918, as amended 1936, 1960, 1968, 1969, 1974, 1978, 1986 and 1989) implements four treaties that provide for international protection of migratory birds. The statute’s language is clear that actions resulting in a "taking" or possession (permanent or temporary) of a protected species, in the absence of a U.S. Fish and Wildlife Service (USFWS) permit or regulatory authorization, are a violation of the MBTA. The MBTA states, "Unless and except as permitted by regulations ... it shall be unlawful at any time, by any means, or in any manner to pursue, hunt, take, capture, kill ... possess, offer for sale, sell ... purchase ... ship, export, import ... transport or cause to be transported ... any migratory bird, any part, nest, or eggs of any such bird .... [The Act] prohibits the taking, killing, possession, transportation, import and export of migratory birds, their eggs, parts, and nests, except when specifically authorized by the Department of the Interior." The word "take" is defined by regulation as "to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to pursue, hunt, shoot, wound, kill, trap, capture, or collect." The USFWS maintains a **list of species protected by the MBTA** at 50 CFR 10.13. This list includes over one thousand species of migratory birds, including eagles and other raptors, waterfowl, shorebirds, seabirds, wading birds, and passerines. The USFWS also maintains a **list of species not protected by the MBTA**. MBTA does not protect species that are not native to the United States or species groups not explicitly covered under the MBTA; these include species such as the house (English) sparrow, European starling, rock dove (pigeon), Eurasian collared-dove, and non-migratory upland game birds.

BCC The 1988 amendment to the Fish and Wildlife Conservation Act mandates the U.S. Fish and Wildlife Service to identify species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become candidates for listing under the Endangered Species Act. **Birds of Conservation Concern 2008 (BCC 2008)** is the most recent effort to carry out this mandate. The overall goal of this report is to accurately identify the migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent the Service's highest conservation priorities. BCC10, BCC11, and BCC17 designations represent inclusion on the Birds of Conservation Concern list for Bird Conservation Region 10, 11, and 17 in Montana, respectively.

Bureau of Land Management (BLM)

BLM Sensitive Species are defined by the BLM 6840 Manual as native species found on BLM-administered lands for which the BLM has the capability to significantly affect the conservation status of the species through management, and either: (1) there is information that a species has recently undergone, is undergoing, or is predicted to undergo a downward trend such that the viability of the species or a distinct population segment of the species is at risk across all or a significant portion of the species range, or; (2) the species depends on ecological refugia or specialized or unique habitats on BLM-administered lands, and there is evidence that such areas are threatened with alteration such that the continued viability of the species in that area would be at risk.

Designation Descriptions

Endangered Denotes species that are listed as Endangered under the Endangered Species Act

Threatened Denotes species that are listed as Threatened under the Endangered Species Act

Sensitive Denotes species listed as Sensitive on BLM lands

U.S. Forest Service (USFS)

Designation Descriptions

Endangered Listed as Endangered (LE) under the U.S. Endangered Species Act.

Threatened	Listed as Threatened (LT) under the U.S. Endangered Species Act.
Proposed	Any species that is proposed in the Federal Register to be listed under section 4 of the Act.
Candidate	Those taxa for which sufficient information on biological status and threats exists to propose to list them as threatened or endangered. We encourage their consideration in environmental planning and partnerships; however, none of the substantive or procedural provisions of the Act apply to candidate species.
Sensitive	U.S. Forest Service Manual (2670.22) defines Sensitive Species on Forest Service lands as those for which population viability is a concern as evidenced by a significant downward trend in population or a significant downward trend in habitat capacity. These designations were last updated in 2011 and they apply only on USFS-administered lands with land management plans finalized prior to 2017. Sensitive Species designations are being replaced by Species of Conservation Concern designations on individual National Forest as revised land management plans are finalized under the 2012 planning rule.
Species of Conservation Concern	A species, other than federally recognized Threatened, Endangered, Proposed, or Candidate species, that is known to occur in the plan area and for which the regional forester has determined that the best available scientific information indicates substantial concern about the species' capability to persist over the long-term in the plan area (36 CFR 219.9). Species of Conservation Concern replace regional forester Sensitive Species on individual National Forests as revised land management plans are finalized under the 2012 planning rule.

Acknowledgements

We would like to gratefully acknowledge the many people who contributed information on plant species' occurrences and distribution throughout Montana over the years -- those contributions are the building blocks of the MTNHP databases and this publication. We encourage you to continue submitting data for SOC, PSOC and Under Review taxa so that status ranks and this document are as accurate and comprehensive as possible.

Selected References

Dorn, R.D. 1984. *Vascular Plants of Montana*. Mountain West Publishing, Cheyenne, WY. 276 pp.

Faber-Langendoen, D., L. Master, J. Nichols, K. Snow, A. Tomaino, R. Bittman, G. Hammerson, B. Heidel, L. Ramsay, and B. Young. 2009. *NatureServe Conservation Status Assessments: Methodology for Assigning Ranks*. NatureServe, Arlington, VA. On-line at **http://www.natureserve.org/publications/ConsStatusAssess_RankMethodology.pdf**

Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. 8+ vols. New York and Oxford. On-line at **http://hua.huh.harvard.edu/FNA/** and **http://www.efloras.org/flora_page.aspx?flora_id=1**

Hitchcock, C.L and A. Cronquist. 1973. *Flora of the Pacific Northwest*. Univ of Washington Press, Seattle, WA.

IUCN. 2001. *IUCN Red List Categories and Criteria: Version 3.1*. IUCN Species Survival Commission. IUCN, Gland, Switzerland and Cambridge, UK. 30 pp. On-line at: **http://www.iucn.org**

Lavin, M. and C. Seibert. 2011. *Grasses of Montana*. MSU Herbarium, Dept of Plant Sciences and Plant Pathology, Montana State University, Bozeman, MT. 100 pp. On-line at: **http://gemini.oscs.montana.edu/~mlavin/herb/mtgrass.pdf**

Lesica, P., G. Moore, K.M. Peterson, and J.H. Rumely. 1984. *Vascular plants of limited distribution in Montana*. Montana Academy of Science Monograph No. 2.

Lesica, P. and J.S. Shelly. 1991. *Sensitive, threatened and endangered vascular plants of Montana*. Montana Natural Heritage Program, Montana State Library, Helena, Montana.

Master, L., D. Faber-Langendoen, R. Bittman, G. Hammerson, B. Heidel, J. Nichols, L. Ramsay, and A. Tomaino. 2009. *NatureServe Conservation Status Assessments: Factors for Assessing Extinction Risk*. NatureServe, Arlington, VA. On-line at **http://www.natureserve.org/publications/ConsStatusAssess_StatusFactors.pdf**

NatureServe. *NatureServe Explorer: An on-line encyclopedia of life* [web application]. Version 4.7. Arlington, Virginia. Available: **http://www.natureserve.org/explorer.**

Regan, T.J., L.L. Master and G. A. Hammerson. 2004. *Capturing expert knowledge for threatened species assessments: a case study using NatureServe conservation status ranks*. Acta Oecologia 26: 95-107.

Rollins, R.C. 1993. *The Cruciferae of continental North America: Systematics of the mustard family from the Arctic to Panama*. Stanford University Press, Stanford, California. 976 pp.

USDA, NRCS. *The PLANTS Database* (**http://plants.usda.gov**). National Plant Data Center, Baton Rouge, LA 70874-4490 USA.

Contact Information

For questions or comments specific to this publication or for specific plant related questions, please contact:

Andrea Pipp
Program Botanist
apipp@mt.gov
(406) 444-3019

For general questions and botany-related data requests please use the Information Request function on our website **(www.mtnhp.org)** or the general MTNHP contact info below.

Montana Natural Heritage Program
P.O. Box 201800
1515 E. 6th Ave.
Helena, MT 59620-1800

Phone: (406) 444-5363
Fax: (406) 444-0581
E-mail: **mtnhp@mt.gov**

Species of Concern
12 Species
Filtered by the following criteria:
Town (buffered by 10 miles) = Thompson Falls (based on mapped **Species Occurrences**)

GYMNOSPERM (CONIFERS) — 1 SPECIES
TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	OTHER NAMES	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MNPS THREAT CATEGORY	HABITAT
Pinus albicaulis Whitebark Pine		**Pinaceae** Fir / Hemlock / Larch / Pine / Spruce	G3?	S3	C	Candidate on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE		Subalpine forest, timberline
			Species Occurrences verified in these Counties: Beaverhead, Broadwater, Carbon, Cascade, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powell, Ravalli, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Wheatland **State Rank Reason:** Whitebark pine is a common component of subalpine forests and a dominant species of treeline and krummholtz habitats. It occurs in almost all major mountain ranges of western and central Montana. Populations of whitebark pine in Montana and across most of western North America have been severely impacted by past mountain pine beetle outbreaks and by the introduced pathogen, white pine blister rust. The results of which have been major declines in whitebark pine populations across large areas of its range. Additionally, negative impacts associated with encroachment and increased competition from other trees, primarily subalpine fir have occurred as a result of fire suppression in subalpine habitats.							

FLOWERING PLANTS - DICOTS (MAGNOLIOPSIDA)

4 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	OTHER NAMES	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MNPS THREAT CATEGORY	HABITAT
Clarkia rhomboidea Diamond Clarkia		**Onagraceae** Evening-primrose Family	G5	S3		Sensitive - Known on Forests (BRT, KOOT, LOLO)		2	Forests (Open, montane)
			Species Occurrences verified in these Counties: Lake, Lincoln, Ravalli, Sanders **State Rank Reason:** Rare in Montana, where it is known from only a small portion of the northwest corner of the state, primarily along the lower Clark Fork River drainage. Some detrimental impacts from invasive weeds and subsequent herbicide treatments are possible as are loss of habitat due to fire suppression.						
Impatiens aurella Pale-yellow Jewel-weed		**Balsaminaceae** Impatiens	G4	S3					riparian
			Species Occurrences verified in these Counties: Cascade, Flathead, Gallatin, Jefferson, Lake, Lewis and Clark, Mineral, Missoula, Sanders **State Rank Reason:** *Impatiens aurella* is known from about 20 locations documented from 1886 to 2016. It is considered uncommon in Lake and Flathead Counties, where the majority of observations have been found, and rare in other counties of western Montana. It grows in wet, often organic soil in both disturbed and undisturbed wetlands, and rarely appears abundant. However, it may require or persist better with some hydrological disturbance. Revisits to known locations and more surveys are needed to better document locations, population sizes, and threats.						
Mimulus clivicola North Idaho Monkeyflower		**Phrymaceae** Lopseed Family	G4	S2?		Sensitive - Known on Forests (LOLO) Sensitive - Suspected on Forests (KOOT)			
			Species Occurrences verified in these Counties: Mineral, Sanders **State Rank Reason:** See rank details.						
Ranunculus orthorhynchus Straightbeak Buttercup		**Ranunculaceae** Buttercup Family	G5	S1S2				1	Wetland/Riparian (Montane)
			Species Occurrences verified in these Counties: Deer Lodge, Flathead, Glacier, Granite, Lake, Mineral, Missoula, Sanders **State Rank Reason:** Rare in Montana, where is is known from the western portion of the state based upon several specimen collections. However, only one collection has been made in the past two decades. Additional data are need to determine this species' status.						

FLOWERING PLANTS - MONOCOTS (LILIOPSIDA)

4 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	OTHER NAMES	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MNPS THREAT CATEGORY	HABITAT
Allium acuminatum Tapertip Onion		**Liliaceae** Lillies	G5	S2S3		Sensitive - Known on Forests (BD, BRT, LOLO)			Dry Forest-Grassland
			Species Occurrences verified in these Counties: Lincoln, Madison, Ravalli, Sanders **State Rank Reason:** Rare in Montana, where it is known from several widely scattered sites in the western half of the state. Trend data are lacking. Threats to populations do not appear to be significant at this time, though invasive weeds may eventually pose problems at some sites.						

Carex amplifolia Big-leaf Sedge		**Cyperaceae** Sedges	G4	S3		Sensitive - Known on Forests (KOOT)			Wetland
			Species Occurrences verified in these Counties: Flathead, Sanders **State Rank Reason:** *Carex amplifolia* occurs in temperate western North America where it is usually uncommon or rare from coastal lowlands to middle elevations in the mountains (FNA 2002). The previous SH rank in Montana was based on a 1978 herbarium specimen. In recent years it has been collected from several wetlands in Sanders and Flathead Counties. Additional wetland surveys are needed to accurately document its distribution and population size in Montana.							
Cypripedium fasciculatum Clustered Lady's-slipper		**Orchidaceae** Orchids	G4	S3		Sensitive - Known on Forests (KOOT, LOLO) Species of Conservation Concern on Forests (FLAT)		1	Forests (Montane)
			Species Occurrences verified in these Counties: Lake, Mineral, Missoula, Sanders **State Rank Reason:** Clustered lady's-slipper is known for Montana from the northwest portion of the state, where it is documented from 10 moderate to large populations, 3 historical occurrences and many additional small occurrences. Most populations occur on National Forest lands. Potential negative impacts to the species have mainly been related to timber harvesting.							
Heteranthera dubia Water Star-grass		**Pontederiaceae** Water-hyacinth Family	G5	S1S2				2	Aquatic
			Species Occurrences verified in these Counties: Flathead, Sanders **State Rank Reason:** Three occurrences known in Montana, two are moderate-sized populations and the third is of undocumented size. One population is adjacent to a campground and related human activity at this site may have extirpated the population. All sites are vulnerable to changes in hydrology, water quality and recreational impacts.							

BRYOPHYTES (BRYOPHYTA)

3 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	OTHER NAMES	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MNPS THREAT CATEGORY	HABITAT
Grimmia brittoniae Britton's Dry Rock Moss	Britton's Black Rock Moss	**Grimmiaceae**	G2	S2		Sensitive - Known on Forests (KOOT, LOLO) Species of Conservation Concern on Forests (FLAT)			
			Species Occurrences verified in these Counties: Flathead, Sanders						
Leucolepis acanthoneuron Umbrella Moss	**Leucolepis menziesii**	**Mniaceae**	G4G5	S1					
			Species Occurrences verified in these Counties: Lincoln, Sanders						
Neckera douglasii Douglas' Neckera Moss		**Neckeraceae**	G4	S1					
			Species Occurrences verified in these Counties: Flathead, Lake, Sanders						

Potential Species of Concern

Potential Species of Concern

0 Species

Filtered by the following criteria:

Town (buffered by 10 miles) = Thompson Falls (based on mapped **Species Occurrences**)

Special Status Species

Special Status Species

0 Species

Filtered by the following criteria:

Town (buffered by 10 miles) = Thompson Falls (based on mapped **Species Occurrences**)

Additions To Statewide List

Species Removed From Statewide List

Citation for data on this website:
Montana Plant Species of Concern Report. Montana Natural Heritage Program. Retrieved on 5/16/2020, from http://mtnhp.org/SpeciesOfConcern/?AorP=p

Montana Natural Heritage - SOC Report Species List Last Updated **04/16/2020**

Animal Species of Concern

33 Species of Concern
1 Potential Species of Concern - Species Occurrences are not maintained for Animal PSOC, therefore we cannot filter these species geographically
1 Special Status Species
Filtered by the following criteria:
Town (buffered by 10 miles) = Thompson Falls (based on mapped Species Occurrences)

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Introduction

Species of Concern

Species of Concern
33 Species
Filtered by the following criteria:
Town (buffered by 10 miles) = Thompson Falls (based on mapped **Species Occurrences**)

MAMMALS (MAMMALIA) — 8 SPECIES
TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Corynorhinus townsendii Townsend's Big-eared Bat	**Vespertilionidae** Bats	G4	S3		Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGCN3	5%	87%	Caves in forested habitats
	Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Fergus, Flathead, Gallatin, Garfield, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Mccone, Meagher, Mineral, Missoula, Musselshell, Park, Phillips, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Silver Bow, Stillwater, Treasure, Valley, Yellowstone **State Rank Reason:** Species is widespread, but uncommon and appears to occur at low densities. Disturbance of cave and mine roosts and the hard closure of occupied mines threaten long-term persistence.									
Gulo gulo Wolverine	**Mustelidae** Weasels	G4	S3	P	Proposed on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGCN3	0%	37%	Boreal Forest and Alpine Habitats
	Species Occurrences verified in these Counties: Beaverhead, Broadwater, Carbon, Cascade, Deer Lodge, Flathead, Gallatin, Glacier, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powell, Ravalli, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland									
Lasiurus cinereus Hoary Bat	**Vespertilionidae** Bats	G3G4	S3			SENSITIVE	SGCN3	2%	100%	Riparian and forest
	Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Daniels, Dawson, Deer Lodge, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Golden Valley, Granite, Hill, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Mccone, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Pondera, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Valley, Wheatland, Wibaux, Yellowstone									
Myotis lucifugus Little Brown Myotis	**Vespertilionidae** Bats	G3	S3				SGCN3	3%	100%	Generalist
	Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Daniels, Dawson, Deer Lodge, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Golden Valley, Granite, Hill, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Mccone, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Pondera, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Valley, Wheatland, Wibaux, Yellowstone **State Rank Reason:** Species is common and widespread, but under significant threat of catastrophic declines due to White-Nose Syndrome, a fungal disease responsible for the collapse of populations of this species in the eastern US.									
Myotis thysanodes Fringed Myotis	**Vespertilionidae** Bats	G4	S3			SENSITIVE	SGCN3	0%	64%	Riparian and dry mixed conifer forest
	Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Custer, Deer Lodge, Fergus, Flathead, Gallatin, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Powder River, Powell, Prairie, Ravalli, Rosebud, Sanders, Silver Bow, Teton, Treasure **State Rank Reason:** Although this species is distributed across much of Montana, recent surveys have found it to be uncommon within range. Species occasionally uses caves to over-winter so threats to persistence from White-Nose Syndrome are a concern, but due to its western distribution the extent of impacts are as yet unknown.									

Pekania pennanti Fisher	**Mustelidae** Weasels	G5	S3		Sensitive - Known on Forests (BD, BRT, HLC, KOOT, LOLO)	SENSITIVE	SGCN3	1%	31%	Mixed conifer forests
		Species Occurrences verified in these Counties: Beaverhead, Deer Lodge, Flathead, Glacier, Granite, Lake, Lewis and Clark, Lincoln, Mineral, Missoula, Pondera, Powell, Ravalli, Sanders, Teton								
Sorex hoyi Pygmy Shrew	**Soricidae** Shrews	G5	S3				SGCN3	1%	15%	Open conifer forest, grasslands, and shrublands, often near water
		Species Occurrences verified in these Counties: Beaverhead, Flathead, Granite, Hill, Lake, Lewis and Clark, Lincoln, Missoula, Powell, Sanders, Sheridan, Teton, Valley **State Rank Reason:** Observations of this species are infrequent resulting in limited data to assess threats. Species may only breed once in its brief life, so is more vulnerable than many small mammal species.								
Ursus arctos Grizzly Bear	**Ursidae** Bears	G4	S2S3	PS: LT; XN	Threatened on Forests (BD, CG, HLC, KOOT, LOLO)	THREATENED	SGCN2-3	1%	22%	Conifer forest
		Species Occurrences verified in these Counties: Beaverhead, Carbon, Cascade, Chouteau, Deer Lodge, Flathead, Gallatin, Glacier, Granite, Jefferson, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Mineral, Missoula, Park, Pondera, Powell, Ravalli, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Toole								

BIRDS (AVES)

15 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Accipiter gentilis Northern Goshawk	**Accipitridae** Hawks / Kites / Eagles	G5	S3	MBTA			SGCN3	2%	68%	Mixed conifer forests
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Broadwater, Carbon, Carter, Cascade, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powder River, Powell, Ravalli, Rosebud, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland								
Aquila chrysaetos Golden Eagle	**Accipitridae** Hawks / Kites / Eagles	G5	S3	BGEPA; MBTA; BCC17		SENSITIVE	SGCN3	3%	100%	Grasslands
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Dawson, Deer Lodge, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Golden Valley, Granite, Hill, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Mccone, Meagher, Missoula, Musselshell, Park, Petroleum, Phillips, Pondera, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Valley, Wheatland, Wibaux, Yellowstone								
Ardea herodias Great Blue Heron	**Ardeidae** Bitterns / Egrets / Herons / Night-Herons	G5	S3	MBTA			SGCN3	3%	100%	Riparian forest
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Dawson, Deer Lodge, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Golden Valley, Granite, Hill, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Mccone, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Pondera, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Treasure, Valley, Wheatland, Wibaux, Yellowstone **State Rank Reason:** Small breeding population size, evidence of recent declines, and declining regeneration of riparian cottonwood forests due to altered hydrology and grazing.								
Certhia americana Brown Creeper	**Certhiidae** Creepers	G5	S3	MBTA			SGCN3	4%	53%	Moist conifer forests
		Species Occurrences verified in these Counties: Beaverhead, Broadwater, Carbon, Carter, Cascade, Chouteau, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Golden Valley, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Powder River, Powell, Ravalli, Rosebud, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland								
Coccothraustes vespertinus Evening Grosbeak	**Fringillidae** Finches	G5	S3	MBTA			SGCN3	3%	100%	Conifer forest
		Species Occurrences verified in these Counties: Beaverhead, Broadwater, Carbon, Carter, Cascade, Chouteau, Fergus, Flathead, Gallatin, Glacier, Golden Valley, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Musselshell, Park, Pondera, Powder River, Powell, Ravalli, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland **State Rank Reason:** Populations in Montana and across North America have experienced rangewide declines, although the causes of these declines are unclear (Bonter and Harvey 2008).								
Dolichonyx oryzivorus Bobolink	**Icteridae** Blackbirds	G5	S3B	MBTA			SGCN3	9%	100%	Moist grasslands
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Daniels, Dawson, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Granite, Hill, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Madison, Mccone, Meagher, Missoula, Musselshell, Park, Petroleum, Phillips, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Sheridan, Stillwater, Sweet Grass, Teton, Valley, Wheatland, Wibaux, Yellowstone **State Rank Reason:** Species has undergone recent large population declines in Montana and a patchwork of declines and increases have been documented in surrounding states and provinces.								
Dryocopus pileatus Pileated Woodpecker	**Picidae** Woodpeckers	G5	S3	MBTA			SGCN3	1%	27%	Moist conifer forests
		Species Occurrences verified in these Counties: Beaverhead, Broadwater, Cascade, Deer Lodge, Flathead, Gallatin, Glacier, Granite, Jefferson, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Powell, Ravalli, Sanders, Silver Bow								

Falco peregrinus Peregrine Falcon	**Falconidae** Falcons	G4	S3	DM; MBTA; BCC10; BCC11; BCC17	Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGCN3	2%	100%	Cliffs / canyons
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Cascade, Chouteau, Deer Lodge, Flathead, Gallatin, Glacier, Granite, Jefferson, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powell, Prairie, Ravalli, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Yellowstone								
Haemorhous cassinii Cassin's Finch	**Fringillidae** Finches	G5	S3	MBTA; BCC10			SGCN3	11%	62%	Drier conifer forest
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Broadwater, Carbon, Cascade, Chouteau, Custer, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Golden Valley, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Powder River, Powell, Ravalli, Rosebud, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland, Yellowstone **State Rank Reason:** Data show recent short-term declines in population for this species								
Histrionicus histrionicus Harlequin Duck	**Anatidae** Swans / Geese / Ducks	G4	S2B	MBTA	Sensitive - Known on Forests (BD, CG, HLC, KOOT, LOLO)		SGCN2	4%	40%	Mountain streams
		Species Occurrences verified in these Counties: Carbon, Flathead, Glacier, Granite, Lewis and Clark, Lincoln, Mineral, Missoula, Park, Pondera, Powell, Sanders, Sweet Grass, Teton **State Rank Reason:** The Harlequin Duck has an extremely limited breeding range in Montana.								
Ixoreus naevius Varied Thrush	**Turdidae** Thrushes	G5	S3B	MBTA			SGCN3	1%	37%	Moist conifer forests
		Species Occurrences verified in these Counties: Broadwater, Cascade, Flathead, Gallatin, Glacier, Golden Valley, Granite, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powell, Ravalli, Sanders, Teton **State Rank Reason:** The Varied Thrush has undergone recent population declines in Montana and across the Northern Rockies and where timber harvest, insect outbreak, and fire result in a loss of suitable breeding habitat.								
Melanerpes lewis Lewis's Woodpecker	**Picidae** Woodpeckers	G4	S2B	MBTA; BCC10; BCC17		SENSITIVE	SGCN2	8%	78%	Riparian forest
		Species Occurrences verified in these Counties: Big Horn, Carter, Cascade, Deer Lodge, Flathead, Granite, Jefferson, Lake, Lewis and Clark, Lincoln, Missoula, Musselshell, Powder River, Powell, Ravalli, Rosebud, Sanders, Sweet Grass, Yellowstone								
Nucifraga columbiana Clark's Nutcracker	**Corvidae** Jays / Crows / Magpies	G5	S3	MBTA	Species of Conservation Concern on Forests (FLAT)		SGCN3	9%	84%	Conifer forest
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Golden Valley, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Pondera, Powder River, Powell, Ravalli, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Wheatland, Yellowstone								
Psiloscops flammeolus Flammulated Owl	**Strigidae** Owls	G4	S3B	MBTA; BCC10	Sensitive - Known on Forests (BD, BRT, HLC, KOOT, LOLO) Sensitive - Suspected on Forests (CG) Species of Conservation Concern on Forests (FLAT)	SENSITIVE	SGCN3	2%	36%	Dry conifer forest
		Species Occurrences verified in these Counties: Beaverhead, Broadwater, Flathead, Gallatin, Granite, Jefferson, Lake, Lewis and Clark, Lincoln, Madison, Mineral, Missoula, Powell, Ravalli, Sanders								
Troglodytes pacificus Pacific Wren	**Troglodytidae** Wrens	G5	S3	MBTA			SGCN3	1%	39%	Moist conifer forests
		Species Occurrences verified in these Counties: Beaverhead, Broadwater, Cascade, Fergus, Flathead, Gallatin, Glacier, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Powell, Ravalli, Sanders, Stillwater, Sweet Grass, Teton								

REPTILES (REPTILIA)

1 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Elgaria coerulea Northern Alligator Lizard	**Anguidae** Alligator Lizards	G5	S3				SGCN3, SGIN	8%	12%	Talus slopes / rock outcrops
		Species Occurrences verified in these Counties: Flathead, Granite, Lake, Lincoln, Mineral, Missoula, Ravalli, Sanders								

AMPHIBIANS (AMPHIBIA)

2 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Anaxyrus boreas Western Toad	**Bufonidae** True Toads	G4	S2		Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGCN2	6%	38%	Wetlands, floodplain pools
		Species Occurrences verified in these Counties: Beaverhead, Chouteau, Deer Lodge, Flathead, Gallatin, Glacier, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powell, Ravalli, Sanders, Silver Bow, Teton **State Rank Reason:** Over the last few decades this species has undergone serious declines in abundance due primarily to infection with Chytrid fungus. While declines in breeding site occupancy appear to have stabilized in the last decade, changes to abundance across the species range within Montana remain unknown. Significant threats to the persistence of this species remain from continued impacts of disease and mortality of adults and young during breeding and local migration.								
Plethodon idahoensis Coeur d'Alene Salamander	**Plethodontidae** Lungless Salamanders	G4	S2		Sensitive - Known on Forests (BRT, KOOT, LOLO)		SGCN2, SGIN	31%	5%	Spring / seep, waterfall, fractured rock
		Species Occurrences verified in these Counties: Lincoln, Mineral, Missoula, Ravalli, Sanders								

FISH (ACTINOPTERYGII)

2 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Oncorhynchus clarkii lewisi Westslope Cutthroat Trout	**Salmonidae** Trout	G5T4	S2		Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGCN2		34%	Mountain streams, rivers, lakes
		Species Occurrences verified in these Counties: Beaverhead, Broadwater, Cascade, Chouteau, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powell, Ravalli, Sanders, Silver Bow, Teton, Wheatland **State Rank Reason:** The Westslope Cutthroat trout is currently ranked "S2" in Montana because it is at risk due to very limited and/or potentially declining population numbers, range and/or habitat, making it vulnerable to extirpation in the state.								
Salvelinus confluentus Bull Trout	**Salmonidae** Trout	G5	S2	LT; CH	Threatened, Critical Habitat on Forests (BD, BRT, HLC, KOOT, LOLO)	THREATENED	SGCN2	5%	18%	Mountain streams, rivers, lakes
		Species Occurrences verified in these Counties: Deer Lodge, Flathead, Glacier, Granite, Lake, Lewis and Clark, Lincoln, Mineral, Missoula, Powell, Ravalli, Sanders								

INVERTEBRATES - MOLLUSKS

5 SPECIES

TOWN (BUFFERED BY 10 MILES) = THOMPSON FALLS (based on mapped **Species Occurrences**)

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Fisherola nuttalli Shortface Lanx	**Lymnaeidae** Fossarias / Pondsnails / Lanxs	G2	S1					0%	0%	Large Mountain Rivers
		Species Occurrences verified in these Counties: Sanders **State Rank Reason:** Based on repeated surveys of historic habitat this species appears to be declining precipitously and is at great risk of extirpation within Montana due to ongoing threats to persistence of the population isolated by damming of the Clark Fork River.								
Kootenaia burkei Pygmy Slug	**Arionidae** Arionid Slugs	G3	S1S2					50%	4%	Moist conifer forests
		Species Occurrences verified in these Counties: Lincoln, Mineral, Sanders								
Polygyrella polygyrella Humped Coin	**Megomphicidae** Coins	G3	S1S2					75%	1%	Moist conifer forests
		Species Occurrences verified in these Counties: Mineral, Ravalli, Sanders								
Prophysaon humile Smoky Taildropper	**Arionidae** Arionid Slugs	G3	S2S3					50%	12%	Mesic/moist conifer forests
		Species Occurrences verified in these Counties: Flathead, Lake, Lincoln, Mineral, Missoula, Ravalli, Sanders								

Zacoleus idahoensis Sheathed Slug	**Arionidae** Arionid Slugs	G3G4	S2S3					50%	11%	Mesic/moist conifer forests
		Species Occurrences verified in these Counties: Flathead, Lake, Lincoln, Mineral, Missoula, Ravalli, Sanders								

Potential Species of Concern

Special Status Species

Additions To Statewide List

Species Removed From Statewide List

Species of Greatest Inventory Need

APPENDIX I

Census Data

Total Population, Montana Incorporated Cities & Towns by County, 1990 - 2015

See Sources Below

NOTE - Figures may be revised with the release of more recent data vintages

Geography	Census 1990 (April 1)	Mid Year (July 1) Estimates										Census 2000 [1] (April 1)	2000
		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
Montana	799,065	800,204	809,680	825,770	844,761	861,306	876,553	886,254	889,865	892,431	897,507	902,200	903,773
Sanders County	8,669	8,680	8,628	8,842	9,230	9,644	10,019	10,093	10,155	10,097	10,124	10,238	10,287
Thompson Falls city	1,355	1,357	1,351	1,386	1,448	1,513	1,574	1,585	1,597	1,598	1,610	1,321	1,350
Balance of Sanders County	5,878	5,884	5,848	5,987	6,243	6,513	6,761	6,803	6,838	6,785	6,793	7,260	7,194

1 - The April 1, 2000 Population Estimates base reflects changes to the Census 2000 population from the County Resolution Program, legal boundary updates, and other geographic program revisions

2 - *Belt City* switched to *Belt Town* in the 2013 vintage of data released May 2014.

Source: US Department of Commerce, Census Bureau - Population Division

County Data:

Table CO-EST2001-12-30 - Time Series of Montana Intercensal Population Estimates by County: April 1, 1990 to April 1, 2000 (Released April 17, 2002)

Table 1. Intercensal Estimates of the Resident Population for Counties of Montana: April 1, 2000 to July 1, 2010 (CO-EST00INT-01-30) (Released Sept. 2011)

SUB-EST2015: Subcounty Resident Population Estimates: April 1, 2010 to July 1, 2015 (Released May 2016)

City & Town Data:

Population Estimates for Places: Annual Time Series, July 1, 1990 - July 1, 1999 (Released Oct. 20, 2000)

Intercensal Estimates of Resident Population for Incorporated Places and Minor Civil Divisions: April 1, 2000 to July 1, 2010 (Released October 2012)

SUB-EST2015: Subcounty Resident Population Estimates: April 1, 2010 to July 1, 2015 (Released May 2016)

Compiled 5/223/2016 by the Research & Information Services Bureau (RIS), MT Dept. of Commerce

See Sources Below

Geography	Mid Year (July 1) Estimates									Census 2010 (April 1)	Mid Year (July 1) Estimates					
	2001	2002	2003	2004	2005	2006	2007	2008	2009		2010	2011	2012	2013	2014	2015
Montana	906,961	911,667	919,630	930,009	940,102	952,692	964,706	976,415	983,982	989,415	990,643	997,746	1,005,157	1,014,402	1,023,252	########
Sanders County	10,489	10,466	10,554	10,895	11,002	11,178	11,364	11,433	11,471	11,413	11,394	11,371	11,371	11,323	11,329	11,336
Thompson Falls city	1,357	1,335	1,328	1,353	1,348	1,350	1,355	1,345	1,333	1,313	1,324	1,332	1,338	1,331	1,332	1,332
Balance of Sanders County	7,390	7,426	7,542	7,840	7,969	8,149	8,336	8,438	8,515	8,508	8,491	8,444	8,429	8,395	8,400	8,406

APPENDIX N

Existing MPDES Permit

DEQ
Montana Department of Environmental Quality

December 22, 2017

Mayor Mark Sheets
City of Thompson Falls
P.O. Box 99
Thompson Falls, MT 59873

RE: Authorization Number **MTG581035** under the Montana Pollutant Discharge Elimination System Domestic Sewage Treatment Lagoons - Continuous Dischargers General Permit – Thompson Falls

Dear Mayor Sheets:

The City of Thompson Falls is authorized to discharge from the Wastewater Treatment Facility (WWTF) under the Montana Pollutant Discharge Elimination System (MPDES) *General Permit for Domestic Sewage Treatment Lagoons-Continuous Dischargers* to the specified receiving waterbody at the outfall(s) listed below.

Outfall Number	Latitude	Longitude	State Water Body	Mixing Zone
001	47°35'40.64"	-115°21'26.88"	Clark Fork River	NA

This authorization is effective on **January 1, 2018** and expires on **December 31, 2022.** Authorization to discharge under this General Permit is valid only when accompanied by this authorization letter (including attachments), and both must be available on-site. Based on the information in the Notice of Intent application form, the City of Thompson Falls WWTF must meet the following General Permit requirements: Table 1 and Table 4 effluent limits (**Attachment A**), Table 5 and Table 6 monitoring requirements (**Attachment B**), and applicable special conditions in Part III (**Attachment C**).

Please read the General Permit to ensure you understand how to comply with the conditions. You can access the permit here: http://deq.mt.gov/Water/WQINFO/mpdes/domestictreatmentlagoons Coverage under this General Permit remains in effect until the expiration on December 31, 2022, unless the owner/operator submits a Notice of Termination form or an individual permit is issued.

DEQ is no longer providing or accepting paper Discharge Monitoring Reports (DMRs). Permittees must submit DMRs electronically via NetDMR at https://netdmr.zendesk.com/hc/en-us. Call Gina Self at (406) 444-0574 if you have questions.

Thank you for your efforts in protecting Montana state waters. If you have any questions or concerns, please contact the Water Protection Bureau at (406) 444-3080 as soon as possible.

Sincerely,

Kari Smith for

Jon Kenning, Bureau Chief
Water Protection Bureau

Cc: Jerry Lacy, Director of Public Works, City of Thompson Falls [same address]

ATTACHMENT A: Effluent Limits for the City of Thompson Falls
Effective January 1, 2018 (MTG581035)

Upon authorization and lasting through the term of the permit, the quality of effluent discharged through Outfall 001 as a minimum, must meet the limitations as set forth below:

Outfall 001 Effluent Limits for Group A.1 from Tables 1 and 4 [1]				
Parameter	Units	Average Monthly Limit	Average Weekly Limit	Maximum Daily Limit
5-Day Biochemical Oxygen Demand (BOD_5)	mg/L	30	45	--
	lb/day	22	53	--
	% Removal	85	--	--
Total Suspended Solids (TSS)	mg/L	30	45	--
	lb/day	35	53	--
	% Removal	85	--	--
pH	s.u.	6.0 – 9.0 at all times		
E. coli bacteria – summer [2]	# organisms/100 mL	126	252	--
E. coli bacteria – winter [2]	# organisms/100 mL	630	1,260	--
Oil & Grease	mg/L	--	--	10 [3]

Footnotes:

(1) See Definitions section at end of permit for explanation of terms.

(2) Summertime *Escherichia coli (E. coli)* bacteria limit from April 1 through October 31 and wintertime limit from November 1 through March 31st. The geometric mean must be reported if more than one sample is collected during the reporting period.

(3) If visual monitoring indicates the presence of oil & grease, a grab sample must be submitted for analysis and discharge must cease if the concentration if found to be > 10 mg/L.

There shall be no discharge which causes a visible oil film (or to be present at concentrations at or in excess of 10 mg/L).

ATTACHMENT B: Monitoring Required for the City of Thompson Falls Effective January 1, 2018 (MTG581035)

Upon authorization under this permit, the following constituents shall be, at a minimum, monitored at the frequency and with the type of measurement indicated; samples or measurements shall be representative of the volume and nature of the monitored discharge.

Influent monitoring shall be conducted at the influent splitter box.

Effluent monitoring shall be conducted at the flow meter manhole located at 47°36'06.33", -115°21'30.24".

Samples shall be collected, preserved, and analyzed in accordance with approved procedures listed in 40 CFR Part 136, unless another test procedure has been specified in this permit. All analytical procedures must meet any Required Reporting Values (RRVs) listed in Department Circular DEQ-7 as specified in the table below.

City of Thompson Falls WWTF Outfall 001 - Monitoring and Reporting Requirements from Tables 5 and 6 [1]						
Parameter	Monitoring Location	Units	Sample Type	Minimum Sample Frequency [2]	Reporting Metric	Required Reporting Level [3]
Discharge Flow Rate	Effluent	mgd	Instantaneous or Continuous	5/Week	Daily Maximum and Monthly Average	+/- 10% of actual
No. of Days with Discharge	Effluent	# Days	Calculation	1/Day	Monthly Count	1
5-Day Biochemical Oxygen Demand (BOD_5)	Influent	mg/L	Composite	1/Month	NA	2
	Effluent	mg/L	Grab	2/Month	Weekly Maximum	2
	Effluent	lb/day [4]	Calculated	1/Month	Monthly Average	0.1
	NA	% Removal [4]	Calculated	1/Month	Monthly Minimum	0.1
Total Suspended Solids (TSS)	Influent	mg/L	Composite	1/Month	NA	10
	Effluent	mg/L	Grab	2/Month	Weekly Maximum	10
	Effluent	lb/day [4]	Calculated	1/Month	Monthly Average	0.1
	NA	% Removal [4]	Calculated	1/Month	Monthly Minimum	0.1
pH	Effluent	s.u.	Instantaneous	1/Week	Maximum and Minimum	0.1
E. coli bacteria [5]	Effluent	# organisms / 100 mL	Grab	2/Month	Daily Maximum and Geometric Mean	1
Oil and Grease	Effluent	Present/ Not Present	Visual [6]	3/Week	Monthly	NA
	Effluent	mg/L	Grab	[6]	Daily Maximum	1
Ammonia, Total as N	Effluent	mg/L	Grab	1/Month	Daily Maximum and Monthly Average	0.07
Nitrate + Nitrite	Effluent	mg/L	Grab	1/Month	Daily Maximum and Monthly Average	0.02
Total Kjeldahl Nitrogen	Effluent	mg/L	Grab	1/Month [7]	Monthly Average	0.225
Total Nitrogen	Effluent	mg/L	Grab	1/Month [7]	Monthly Average	0.25
		lb/day	Calculated			0.01
Total Phosphorus	Effluent	mg/L	Grab	1/Month [7]	Monthly Average	0.003
		lb/day	Calculated			0.001

Footnotes: NA=Not applicable

(1) See definition section at end of permit for explanation of terms.

(2) **Monitoring is required only for any calendar period where there is a discharge.**

(3) RL = minimum reporting level. Analytical results reported as less than detection must achieve the required reporting values (RRV) in Department Circular DEQ-7 unless a different RL is specified.

(4) Methods for calculating mass load (lb/day) and % removal are provided in the General Permit.

(5) *Escherichia coli (E. coli)* bacteria. Reporting in number of organisms per 100 mL (equivalent to either colony forming units (cfu) per 100 mL or most probable number (mpn) per 100 mL). Report the geometric mean if more than one sample is collected during the reporting period.

(6) If visual monitoring indicates the presence of oil & grease, a grab sample must be submitted for analysis and discharge must cease if the concentration is found to be > 10 mg/L.

(7) Monitoring for nutrients required during the summer months of **July 1st – September 30th**.

ATTACHMENT C: Applicable Special Conditions for the City of Thompson Falls Effective January 1, 2018 (MTG581035)

A. Lagoon Operation & Maintenance (O&M) Requirements

The City of Thompson Falls shall conduct the following:

1. Maintain an up-to-date O&M manual for the domestic sewage treatment lagoon system;
2. Follow the procedures in the O&M manual;
3. Conduct inspections at least monthly to ensure the O&M procedures are being followed and are working; and
4. Maintain records of the routine inspections and any follow-up. Records from the routine inspections must be maintained for at least three (3) years, and available for an inspector upon request. At a minimum, the records shall include:
   - Date and time of inspection;
   - Name of the inspector(s);
   - Weather conditions during inspection;
   - Visual observation of lagoon conditions, including wastewater observations (water level, odor, and visible appearance) and dike condition (signs of leakage, erosion, rodents burrowing, and/or vegetation growth);
   - Discharge flow rate, if occurring;
   - Identification of O&M problems;
   - Recommendations, as appropriate, to rectify identified O&M problems;
   - A brief description of any actions taken with regards to identified problems; and
   - Other information, as appropriate (e.g., effluent sample and measurement location).

B. Inflow/Infiltration

The City of Thompson Falls must submit an updated status of the facility's Infiltration/ Inflow (I/I) during the last year of the permit cycle. This status update must include at a minimum:

- date of the most recent I/I assessment (which may be before this permit cycle),
- work completed since the most recent I/I assessment,
- work planned to reduce I/I over the next five years, if any, and
- best estimate of the current amount and sources of I/I into the collection system.

A summary of the facility's most recent I/I review must be completed by **July 1, 2022** and submitted to DEQ by **July 14, 2022.**

MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
WATER PROTECTION BUREAU
MONTANA POLLUTANT DISCHARGE ELIMINATION SYSTEM

Fact Sheet

General Permit for Domestic Sewage Treatment Lagoons– CONTINUOUS DISCHARGERS

FACILITY:	Minor Publicly- and Privately- Owned Treatment Works
PERMIT NUMBER:	MTG581000
LOCATION:	Statewide, except for *Indian Country*
CONTACT:	Applicant
RECEIVING WATER:	Statewide

I. Status of Permit

This permitting action is the renewal of the Montana Pollutant Discharge Elimination System (MPDES) *General Permit for Domestic Sewage Treatment Lagoons*. This GP has been renewed four times since it was first issued in March 1983. The most recent renewal of this GP became effective on January 1, 2013, and will expire on December 31, 2017 ("2013-issued GP").

DEQ proposes the following changes with this renewal:

1. The Domestic Lagoon GP will be divided into two GPs:
    - *Continuous Dischargers*. MTG581000 provides permit coverage for facilities that discharge for *all or part of ten or more months per year*. This fact sheet outlines the methods, facts, and conclusions to support the 2017-issued GP for continuous dischargers.
    - *Batch Dischargers*: DEQ will develop a separate fact sheet and general permit for Domestic Sewage Treatment Lagoons that hold and release as a batch discharge.
2. DEQ modified the Technology-based Effluent Limits (TBELs). The 2017-issued GP will add the option for Treatment Equivalent to Secondary (TES) limits for 5-Day Biochemical Oxygen Demand (BOD_5) for qualifying facilities. In addition, Total Suspended Solids (TSS) percent removal limits will not be required for qualifying facilities under Alternate State Requirements.
3. *Escherichia coli* **(*E. coli*)** bacteria limits have been changed from colony-forming units (cfu) to number of organisms per 100 mL to reflect the change in Montana's Water Quality Standards that also allows most probable number (mpn).

4. Continuous dischargers under the 2017-issued GP that have Reasonable Potential (RP) to cause or contribute to an excursion of a water quality standard will be required to apply for individual permit coverage within the first two years of the general permit term.

II. Description of Discharge and Discharging Facilities

Montana facilities eligible for coverage under the general permit for domestic sewage treatment lagoons have historically been minor facilities with an average daily design flow less than one million gallons per day (mgd). The facilities can be either facultative or aerated lagoon systems. **Attachment A** contains design criteria and receiving water information for the 25 facilities currently authorized under the 2013-issued GP as of April 2017 (all batch and continuous discharging facilities currently permitted under MTG580000, excluding Town of Columbus which has requested individual coverage). In addition, there may be additional lagoon facilities with individual MPDES permits eligible for coverage under the 2017-issued GP.

This permitting action is for the renewal of the Domestic Sewage Treatment Lagoons GP for **continuous dischargers**. The 2017-issued GP for continuous dischargers is designed to be available for coverage by those facilities discharging part or all of ten or more months per year. There are currently six (6) facilities that were permitted under the 2013-issued GP that fall under this category; they have average daily design flows that range from 0.14 mgd – 0.60 mgd.

A. Description of Facilities

All lagoon systems have different engineering designs based on requirements in existence at the time of construction and/or modification:

- *Pre-1995*: the September 1, 1981, Memorandum *Wastewater Treatment Pond Design Guidelines*, from Donald G. Willems, Administrator, Environmental Sciences Division of the Department of Health and Human Services contained requirements for facilities to meet specific design criteria listed in the 1978 Ten States Standards.
- *After 1995*: design criteria contained in the *Circular WQB-2, Montana Department of Environmental Quality, Design Standards for Wastewater Facilities* which was replaced by *Circular DEQ-2, Montana Department of Environmental Quality, Design Standards for Wastewater Facilities* in 1999 and updated several times. The most recent version was issued in 2016.

Facultative Lagoon Systems

A facultative lagoon treatment system consists of treatment ponds, usually constructed of earthen materials. Facultative lagoons are not mechanically mixed or aerated and are designed to provide long detention times. Montana has required 180 days detention for discharging facultative lagoons as part of the design requirements since the early 1980s. According to the *Principles of Design and Operations of Wastewater Treatment Pond Systems for Plant Operators, Engineers, and Managers*, EPA/600/R-11/088, August 2011, facultative lagoons provide significant pollutant reductions through passive aerobic/anaerobic treatment, as follows:

- Five-day biochemical oxygen demand (BOD_5): effluent concentrations may range from 20 – 60 mg/L although < 30 mg/L 'can usually be achieved.'
- Total suspended solids (TSS): effluent concentration range from less than 30 mg/L to greater than 150 mg/L depending on algal concentrations and design parameters.
- Ammonia removal: up to 90% removal is achievable; however this removal rate is not sustainable during colder months.

- Phosphorus removal: approximately 50% removal can be expected under high pH conditions (30% removal based on DEQ information).

Aerated Lagoon Systems and Partial Mix Systems

Aeration is provided by either mechanical surface aerators or submerged diffused aeration systems. Aerated lagoons typically are classified by the amount of mixing provided. A partial mix system provides only enough aeration to satisfy the oxygen requirements of the system and does not provide energy to keep all TSS in suspension. Complete mix systems use approximately ten times the amount of energy as partial mix systems.

According to the 2011 *Principles of Design and Operations of Wastewater Treatment Pond Systems for Plant Operators, Engineers, and Managers*, aerated lagoons provide significant pollutant reductions, as follows:

- BOD_5: effluent concentration of < 30 mg/L is typical with up to 95% removal expected (DEQ data shows ~50 mg/L BOD_5 is more typical).
- TSS: effluent concentrations typically range from 20 – 60 mg/L.
- Significant nitrification occurs during the summer if there is adequate Dissolved Oxygen.
- Phosphorus removal: 15 – 25% expected.

Other Lagoon System Operations – Land Application

MPDES permitting is not required for facilities that land-apply treated effluent *unless* the facility discharges any treated effluent to state surface water. MPDES permitting is not required for land application alone since DEQ does not consider the use of treated effluent by a properly designed and operated land application system (i.e., in accordance with Circular DEQ-2) to be a discharge.

Facilities must reduce the risk of runoff to surface water or infiltration to ground water by managing the quantity and quality of the land-applied effluent. Applying at agronomic rates in this manner will optimize plant nutrient uptake. To ensure optimal land application conditions, facilities that are otherwise required to have a MPDES permit must also comply with the land application requirements under the Special Conditions section, as discussed in Part VII.B.4 of this Fact Sheet.

B. 2013-Domestic Sewage Lagoon General Permit Effluent Limits

The 2013-issued GP included the following numeric limits on effluent quality (see **Table 1**):

Table 1: Numeric Effluent Limits for "2013-Issued GP"

Technology-Based Effluent Limits					
Parameter	Units		Monthly Average	Weekly Average	% Removal (1)
5-day Biochemical Oxygen Demand (2)	mg/L		30	45	85%
	lb/day		*Equation 1*	*Equation 1*	--
Total suspended solids (3)	mg/L	*a. NSS*	30	45	85%
		b. TES	45	65	65%
		c. ASR	100	135	65%
	lb/day		*Equation 1*	*Equation 1*	--
pH	s.u.		6.0 – 9.0		--
Water Quality-Based Effluent Limits					
Parameter	Units		Monthly Average	Weekly Average	Maximum Daily
E. coli bacteria – summer (4,5)	cfu/100 mL		126	252	--
E. coli bacteria – winter (5,6)	cfu/100 mL		630	1,260	--
Total Residual Chlorine	µg/L		11	--	19
Other Parameters (WLA and other previous permit limits)	(7)		(7)	(7)	(7)

Footnotes:
(1) Monitoring for % removal was required beginning January 1, 2017.
(2) Carbonaceous biochemical oxygen demand ($CBOD_5$) in lieu of 5-day Biochemical Oxygen Demand (BOD_5) was permitted upon request of the permittee.
(3) Facilities' TSS limits were classified under one of the following categories:
(a) National Secondary Standards (NSS),
(b) Treatment Equivalent to Secondary (TES), or
(c) Alternate State Requirements (ASR).
(4) After January 1, 2017, all facilities were required to comply with these *E.coli* limits from April 1st through October 31st on an annual basis.
(5) Facilities required to report geometric mean if more than one sample collected during the reporting period.
(6) After January 1, 2017, all facilities were required to comply with these *E.coli* limit from November 1st to March 31st on an annual basis.
(7) Any facility with an existing Wasteload Allocation or effluent limit was required to continue to meet those limits.

C. Summary of Facility Discharges and Compliance

Table 2 summarizes the monthly average BOD_5 and TSS effluent concentrations for the 25 facilities currently permitted under the GP:

Table 2: Summary of Monthly Average Effluent Concentrations January 2013 – December 2016

Facility Type	Number of Facilities	Units	BOD_5		TSS	
			Range	95^{th}	Range	95^{th}
Continuous Discharge	6	mg/L	11 - 57	52	10 - 56	51

Overall, the 95^{th} percentile of the monthly average BOD_5 concentration was 52 mg/L for continuous dischargers. The calculated 95^{th} percentile for two of the six continuous discharging facilities could not meet the BOD_5 limit of 30 mg/L for the Period of Record (POR). See Part IV.A.1 of this Fact Sheet for further discussion on BOD_5.

Overall, the 95^{th} percentile of the monthly average TSS concentration was 51 mg/L for continuous dischargers. See Part IV.A.2 of this Fact Sheet for further discussion on TSS.

The monthly DMRs show an effluent pH range of 5.0 – 10.8 s.u. (the 95^{th} percentile pH range was 5.4 – 9.5 s.u.) Two facilities had a total of three excursions below 6.0 s.u. There were a total of 10 facilities with a total of 34 excursions above 9.0 s.u.

III. Permit Coverage

A. Coverage Area

This GP for continuous domestic sewage treatment lagoons applies to all areas of the State of Montana, except for within the boundaries of Indian Lands, National Parks, and excluded waterbodies listed in III.D.

B. Regulatory Authority

Montana Code Annotated (MCA) 75-5-605(2) prohibits the discharge of sewage, industrial wastes or other wastes into and state waters without a current permit from DEQ. The authority for DEQ to issue MPDES permits is contained in 75-5-101, MCA et seq., with implementing regulations in Administrative Rules of Montana (ARM) 17.30 Subchapter 13.

C. Sources Eligible for Coverage

To be eligible for authorization under this 2017-issued GP the domestic sewage treatment lagoon must be:

- Classified as a minor with no pretreatment program and no categorical industrial users (CIU) or significant industrial users (SIU), and
- Designed to treat an average daily flow less than 1.0 million gallons per day.

D. Sources Ineligible for Coverage

1. DEQ may deny a general permit application for discharge under the general provisions of ARM 17.30.1341(4) for any of the following:
   a. The specific source applying for authorization appears unable to comply with:
      - effluent limitations or other terms and conditions of the permit;
      - water quality standards established pursuant to 75-5-301, MCA; or
      - prohibition of any discharges to which the regional administrator has objected in writing.
   b. The discharge is different in degree or nature from discharges reasonably expected from sources or activities within the category described in the General Permit.
   c. An MPDES permit or authorization for the same operation has previously been denied or revoked.
   d. The discharge to be authorized under a general MPDES permit is also included within an application or is subject to review under the Major Facility Siting Act, 75-20-101, *et seq*., MCA.
   e. The point source will be located in an area of unique ecological or recreational significance. Such determination must be based upon considerations of Montana stream classifications adopted under 75-5-301, MCA, impacts on fishery resources, local conditions at proposed discharge sites, and designations of wilderness areas under 16 USC 1132 or of wild and scenic rivers under 16 USC 1274.

2. In addition, the following sources are excluded from coverage from this GP:
    a. Discharges to Outstanding Resource Waters or to those waterbodies classified as A-1 or A-Closed waters [ARM 17.30.601 *et seq*].
    b. The facility is a "new or increased source" that discharges to "high quality water," as defined in the Nondegradation of Water Quality Subchapter 7 [ARM 17.30.701 *et seq*].
    c. The facility is required to have a pretreatment program (see 40 CFR 403.3), or accepts discharge from users that are CIU or SIU.
    d. Any facility covered under an individual MPDES permit with site-specific WQBELs cannot request coverage under this GP.

E. Requirements for Continuing Authorization under the GP

All authorizations under the 2013-issued GP expire on December 31, 2017, along with the expiration of the GP. For coverage under the 2017-issued General Permit permittees must submit a complete renewal application package. A complete renewal application package must include:

- A complete Notice of Intent application form (NOI-581) provided by DEQ,
- A copy of the consultation letter from the Montana Sage Grouse Habitat Conservation Program (if applicable), and
- Renewal application fee of $800 per outfall

DEQ must receive the complete application package on or before **December 31, 2017** at the following address:

Department of Environmental Quality
Water Protection Bureau
PO Box 200901
Helena, MT 59620-0901

A facility's coverage under the 2017-issued GP is effective January 1, 2017, or later, upon receiving an Authorization Letter from DEQ.

F. Requirements for New Authorizations under the General Permit

Existing facilities with coverage under an Individual MPDES permit can obtain first-time coverage under the 2017-issued GP by submitting a complete application package. The application package must include:

- A complete application form Notice of Intent (NOI-581) provided by DEQ,
- A copy of the consultation letter from the Montana Sage Grouse Habitat Conservation Program (if applicable), and
- The appropriate application fee.

A facility's coverage under the 2017-issued GP is effective January 1, 2017, or later, upon receiving an Authorization Letter from DEQ.

G. Termination of General Permit Coverage

Permittees under the 2017-issued GP may terminate coverage. The permittee must submit a Notice of Termination (NOT) form to DEQ indicating the reason why permit coverage is no longer required. The permittee remains responsible for all applicable fees including annual fees until DEQ processes and notifies the permittee that permit coverage is terminated. Failure to submit a termination request shall result in accrual of annual fees.

Replace General Permit coverage with an Individual MPDES permit

Permittees under the 2017-issued GP may apply for coverage under an Individual MPDES permit. A facility remains covered under the General Permit until the effective date of the Individual MPDES Permit. Authorization under the General Permit will terminate on the effective date of the Individual MPDES permit.

H. Transfer of Coverage

To transfer permit coverage under the General Permit to a different entity, the owner or operator must submit a complete Permit Transfer Notification form provided by DEQ and a $500 permit transfer fee. The original owner or operator is responsible for all terms and conditions of the permit until DEQ notifies the new owner.

IV. Technology-based Effluent Limitations

A. Concentration and Mass-based Limits

Technology-based Effluent Limits (TBELs) for publically owned treatment works (POTWs) are set forth in 40 CFR 133 -- minimum treatment requirements for secondary treatment or equivalent. Secondary treatment is defined in terms of effluent quality as typically measured by pH, BOD_5, TSS, and percent removal of BOD_5 and TSS. Domestic sewage treatment lagoons may be regulated by one of three levels of treatment contained in 40 CFR 133, which DEQ identifies as follows:

- National Secondary Standards (NSS) – default minimum level of effluent quality attainable by secondary treatment [40 CFR 133.102];
- Treatment Equivalent-to-Secondary (TES) – minimum level of effluent quality attainable by *facilities eligible for treatment equivalent to secondary treatment* (a waste stabilization pond that achieves a 30-day average of at least 65% removal of BOD_5 and the facility's discharge has been shown to meet the *effluent concentration consistently achievable through proper operation and maintenance (O&M)* [40 CFR 133.105]; or
- Alternative State Requirements (ASR) – further adjusted minimum level of TSS for wastewater treatment when the principal process for secondary treatment is a waste stabilization pond system that achieves a 30-day average concentration of 45 mg/L BOD_5 or less [40 CFR 133.103(c)].

"Waste stabilization ponds" as referenced in the Secondary Treatment Regulations are now commonly referred to as "wastewater treatment lagoons" which includes both facultative and aerated lagoons.

There are no federal treatment requirements that apply specifically to privately-owned treatment works discharging domestic sewage. When EPA has not promulgated a standard for a specific industry, permit limits may be based on best professional judgment (BPJ) [40 CFR 125.3(c) and ARM 17.30.1203(5)]. Privately-owned treatment works provide the same function and would not have any unique factors or significant technical differences from POTWs that would affect the information published in 49 Federal Register (FR) 37006, September 20, 1984. DEQ determined that the TBELs for privately-owned treatment works in this permit are based on BPJ, and will be identical to the 40 CFR 133 requirements for POTWs.

1. BOD_5 concentration-based limits

All of the general permits renewals issued since the original *General Discharge Permit for Facultative Sewage Lagoons* issued in 1983 have required NSS for BOD_5. Based on literature review, both facultative and aerated lagoons *should* be able to achieve NSS (monthly average of less than 30 mg/L) for effluent BOD_5 concentrations with good design and proper O&M (see Part II.A). However, review of effluent quality between January 2013 and December 2016 shows that the 95th percentile for two of the six continuous dischargers could not meet NSS for BOD_5. DEQ finds it is appropriate to expand TBELs to include TES for this GP renewal -- as long as proper O&M has been conducted, these facilities would be more appropriately permitted under TES.

Therefore, DEQ will allow a facility using wastewater treatment lagoons as the primary treatment to comply with TES rather than NSS, provided it meets all of the following criteria as specified under 40 CFR 133.101(g):

- the facility certifies that they have applied good operation & maintenance (O&M),
- the monthly average 95th percentile for the last two to four years is greater than 30 mg/L BOD_5 (except for values attributable to upsets, bypasses, and operational errors or other unusual conditions) and/or the weekly average for the same period is greater than 45 mg/L, and
- the facility achieves a 30-day average of at least 65% removal of BOD_5. The 2013-issued GP included the requirement for all facilities to demonstrate compliance with the BOD_5 (or, if appropriate, $CBOD_5$) percent removal requirement of 85% no later than January 1, 2017. The removal efficiencies for the 25 authorized facilities were not available at the time of drafting this fact sheet. The equation for percent removal is shown in Part IV.E of this Fact Sheet.

Therefore, each facility covered under this GP will be assigned either NSS or TES for BOD_5, as appropriate. The BOD_5 effluent limits for both categories are listed below.

a. National Secondary Standards

Montana's domestic sewage lagoon general permit has required facilities to meet NSS for BOD_5 since 1983, and it will continue to be the baseline (default) requirement for BOD_5:

- 30 mg/L monthly average,
- 45 mg/L weekly average, and
- 85% removal (see Part IV.E for equation).

b. Treatment Equivalent to Secondary

TES requirements are contained in 40 CFR 133.105, and allow facilities to meet limits that are slightly relaxed from the NSS. Specifically, facilities subject to TES have the following BOD_5 effluent limits:

- 45 mg/L monthly average;
- 65 mg/L weekly average; and
- 65% removal (see Part IV.E for equation).

c. Carbonaceous Biochemical Oxygen Demand

The total biological oxygen demand of a wastewater is composed of two components – a carbonaceous oxygen demand and a nitrogenous oxygen demand. It has been reported that as much as 60 percent of the BOD_5 violations nationally may have been caused by nitrification in the BOD_5 test rather than by improper design or operation (Hall and Foxen 1983), *Aerated Lagoon Technology*, by Linvil G. Rich, Alumni Professor Emeritus, Dept of Environ. Eng. and Science, Clemson University http://www.lagoonsonline.com/technote1.htm

In lieu of BOD_5 limits, a permittee may request 5-day carbonaceous biochemical oxygen demand ($CBOD_5$) limits, as follows:

- NSS: 25 mg/L monthly average and 40 mg/L weekly average $CBOD_5$ [40 CFR 133.102(a)(4)].
- TES: 40 mg/L monthly average and 60 mg/L weekly average $CBOD_5$ [40 CFR 133.105(e)].

The permittee may make this request as part of the renewal process or a separate modification.

2. TSS concentration-based limits

Until 2013, all of the general permits renewals issued since the original General Discharge Permit for *Facultative Sewage Lagoons* (changed to *Domestic Sewage Treatment Lagoons* in 1999) required facilities to meet the ASR effluent limits of 100 mg/L TSS (monthly average) and 135 mg/L TSS (weekly average), without a TSS percent removal requirement. Subsequently, the 2013-issued GP required all applicable facilities to meet NSS effluent limits, unless *they demonstrate their eligibility* to meet TES or ASR, and added monitoring to meet the TSS percent removal requirement beginning January 1, 2017.

Algal blooms and design problems can cause elevated TSS concentrations even with proper O&M. Based on a review of the TSS data for facilities authorized under the 2013-issued GP, three of the six continuous discharging facilities could meet NSS, two could meet TES, and one could meet ASR.

For the 2017-issued GP, DEQ will continue to require all facilities to meet NSS for TSS *unless they demonstrate their eligibility to meet TES or ASR* as detailed below. In summary, the following effluent limits will apply to facilities authorized under the 2017-issued GP for continuous dischargers:

1. National Secondary Standards

The baseline (default) TSS requirement is NSS effluent limits of:

- 30 mg/L monthly average
- 45 mg/L weekly average, and
- 85% removal (see equation in Part IV.E of this Fact Sheet.)

2. Treatment Equivalent to Secondary

TES requirements are contained in 40 CFR 133.105, and allow facilities to meet limits that are slightly relaxed from the NSS. Specifically, facilities subject to TES have the following TSS effluent limits:

- 45 mg/L monthly average;
- 65 mg/L weekly average; and
- 65% removal (see equation in Part IV.E of this Fact Sheet.)

DEQ determined that in order to qualify for TES, a facility under this 2017-issued GP must meet all of the following:

i. The TSS *effluent concentrations consistently achievable through proper operation and maintenance* exceeds the minimum level of effluent quality set forth as NSS [40 CFR 133.101(g)(1)]. This criterion is satisfied if the 95th percentile value for the monthly average TSS concentration in a period of at least two years is greater than 30 mg/L. In addition the applicant must certify that O&M is properly performed on the facility;

ii. The facility uses a waste stabilization pond as the principle treatment process. Waste stabilization ponds include both facultative and aerated lagoons; and

iii. The facility provides significant biological treatment. To assure that significant biological treatment is provided, the facility must achieve greater than 65% BOD_5 removal.

3. Alternate State Requirements

The general requirements for ASR for TSS are contained in 40 CFR 133.103(c). The Montana-specific ASR was published in the Federal Register on September 20, 1984 (49 *FR* 37005). Specifically, facilities covered under the 2017-issued GP for continuous dischargers that are subject to ASR have the following TSS effluent limits:

- 100 mg/L monthly average;
- 135 mg/L weekly average; and
- Monthly average mass limit as a substitute for percent removal (see equation in Part IV.E of this Fact Sheet.)

DEQ has determined that in order to qualify for ASR for TSS, a facility under the 2017-issued GP must meet <u>all</u> of the following:

i. The TSS *effluent concentrations consistently achievable through proper operation and maintenance* exceeds the minimum level of effluent quality set forth as TES. This criterion is satisfied if the 95th percentile value for the monthly average TSS concentration in a period of at least two years is greater than 45 mg/L. In addition the applicant must certify that O&M is properly performed on the facility;

ii. The facility uses a waste stabilization pond system. Waste stabilization ponds include both facultative and aerated lagoons; and

iii. The facility provides significant biological treatment. To assure that significant biological treatment is provided, the facility must achieve 45 mg/L or less BOD_5 concentration on a monthly average basis.

3. Mass-based Effluent Limits (BOD_5/$CBOD_5$ and TSS)

Facilities are required to meet both concentration-based and mass-based limits [ARM 17.30.1345(8)(a)]. Both monthly and weekly average mass-based (load) limits for BOD_5 (or $CBOD_5$) and TSS will be calculated individually for each facility, based on a facility's average daily design flow and the monthly and weekly average concentration limits. The equation for calculating mass-based load limits is shown in Part IV.E of this Fact Sheet.

The monthly average mass-based limits for BOD_5 and TSS will be compared against the nondegradation allocated loads and the most stringent for each will be included as the monthly average permit limit.

B. pH

The 2013-issued GP required effluent pH to remain within the range of 6.0 – 9.0 s.u. unless a variation occurred which was due to natural biological processes. The domestic lagoon GP has historically allowed this deviation. However, there is no way for facilities regulated under this GP to demonstrate compliance with this exception. DEQ proposes to remove this exclusion and maintain the pH effluent limit to remain within the range of 6.0 – 9.0 s.u. at all times.

C. Nondegradation Allocated Loads

New or increased sources as defined in Montana's Nondegradation Policy are not eligible for coverage under the 2017-issued GP. Therefore, a new or increased source must apply and obtain coverage under an individual MPDES permit.

Sources that are in compliance with the conditions of their permit and do not exceed the limitations established in the permit or determined from a permit previously issued by DEQ are not considered new or increased sources.

DEQ calculates nondegradation load allocations for parameters with permit limitations in place on April 29, 1993. DEQ has addressed this requirement in the 2013-issued GP by maintaining monthly average BOD_5 and TSS load allocations for each facility based on the most stringent average daily design flow and monthly average BOD_5 and TSS concentration limits since 1993. The 2013-issued GP included BOD_5 and TSS nondegradation allocations for each facility using the equation used to calculate mass-loading (see Part IV.E):

Monthly Average Load Allocation (lb/day) = Most Stringent [avg daily design flow (mgd) x monthly avg concentration limit (mg/L) x 8.34]

If a municipality has seen an increase in either their average design flow or monthly average concentration limit for either BOD_5 or TSS since 1993, resulting in increase in their calculated monthly average load, the more stringent average monthly load will be maintained.

D. Proposed TBELs

TBELs are required to be met after treatment, prior to any dilution with groundwater or surface water. Compliance monitoring must be conducted at the end-of-pipe, prior to release into any channel or receiving water.

DEQ will assign one of the following TBEL subcategories to each facility as part of their renewal confirmation letter, based on the information provided as part of the renewal:

Group A – Total Suspended Solids (TSS) -National Secondary Standards (see **Table 3)**

5-Day Biochemical Oxygen Demand (BOD_5)

A.1. National Secondary Standards

A.2. Treatment Equivalent to Secondary

Group B – Total Suspended Solids (TSS) - Treatment Equivalent to Secondary (see **Table 4)**

5-Day Biochemical Oxygen Demand (BOD_5)

B.1. National Secondary Standards

B.2. Treatment Equivalent to Secondary

Group C – Total Suspended Solids (TSS) - Alternate State Requirements (see **Table 5)**

5-Day Biochemical Oxygen Demand (BOD_5)

C.1. National Secondary Standards

C.2. Treatment Equivalent to Secondary

Table 3. Proposed **TBEL Group A-**
Total Suspended Solids – *National Secondary Standards* (1)

Parameter	Units	Average Monthly Limit	Average Weekly Limit	Rationale
Choices for 5-day Biochemical Oxygen Demand (BOD_5) (2)				
A.1. BOD_5 - National Secondary Standards	mg/L	30	45	40 CFR 133.102(a)
	lbs/day	(3)	(3)	
	% removal	85 (4)	NA	
A.2. BOD_5 - Treatment Equivalent to Secondary	mg/L	45	65	40 CFR 133.105(a)
	lbs/day	(3)	(3)	
	% removal	65 (4)	NA	
Total Suspended Solids				
Total Suspended Solids	mg/L	30	45	40 CFR 133.102(b)
	lbs/day	(3)	(3)	
	% removal	85 (4)	NA	
pH (5)	s.u.	6.0 - 9.0 (instantaneous)		40 CFR 133.102(c)

Footnotes:
1. See Definitions section at end of permit for explanation of terms.
2. $CBOD_5$ limits contained in 40 CFR 133.102(a)(4) may replace BOD_5 limits if requested by the permittee as part of the renewal application process or a modification request and approved by DEQ.
3. Mass-based limits calculation shown below in Part IV.E.
4. Percent removal calculation shown below in Part IV.E.
5. Effluent pH shall remain between 6.0 and 9.0 s.u. For compliance purposes, any single analysis and/or measurement beyond this limitation shall be considered a violation of the conditions of this permit.

Table 4. Proposed **TBEL Group B -**
Total Suspended Solids *Treatment Equivalent to Secondary* [1]

Parameter	Units	Average Monthly Limit	Average Weekly Limit	Rationale
Choices for 5-day Biochemical Oxygen Demand (BOD_5) [2]				
B.1. BOD_5 - National Secondary Standards	mg/L	30	45	40 CFR 133.102(a)
	lbs/day	[3]	[3]	
	% removal	85 [4]	NA	
B.2. BOD_5 - Treatment Equivalent to Secondary	mg/L	45	65	40 CFR 133.105(a)
	lbs/day	[3]	[3]	
	% removal	65 [4]	NA	
Total Suspended Solids (TSS)				
Total Suspended Solids	mg/L	45	65	40 CFR 133.105(b)
	lbs/day	[3]	[3]	
	% removal	65 [4]	NA	
pH [5]	s.u.	6.0 - 9.0 (instantaneous)		40 CFR 133.102(c)

Footnotes:
1. See Definitions section at end of permit for explanation of terms.
2. $CBOD_5$ limits contained in 40 CFR 133.102(a)(4) may replace BOD_5 limits if requested by the permittee as part of the renewal application process or a modification request and approved by DEQ.
3. Mass-based limits calculations shown below in Part IV.E.
4. Percent removal calculation shown below in Part IV.E.
5. Effluent pH shall remain between 6.0 and 9.0 s.u. For compliance purposes, any single analysis and/or measurement beyond this limitation shall be considered a violation of the conditions of this permit.

Table 5. Proposed **TBEL Group C - Total Suspended Solids *Alternate State Requirements*** [1]

Parameter	Units	Average Monthly Limit	Average Weekly Limit	Rationale
Choices for 5-day Biochemical Oxygen Demand (BOD_5) [2]				
C.1. BOD_5 - National Secondary Standards	mg/L	30	45	40 CFR 133.102(a)
	lbs/day	[3]	[3]	
	% removal	85 [4]	NA	
C.2. BOD_5 - Treatment Equivalent to Secondary	mg/L	45	65	40 CFR 133.105(a)
	lbs/day	[3]	[3]	
	% removal	65 [4]	NA	
Total Suspended Solids (TSS)				
Total Suspended Solids	mg/L	100	135	40 CFR 133.103(c)
	lbs/day	[3]	[3]	
	% removal	NA [4]	NA	
pH [5]	s.u.	6.0 - 9.0 (instantaneous)		40 CFR 133.102(c)

Footnotes:
1. See Definitions section at end of permit for explanation of terms.
2. $CBOD_5$ limits contained in 40 CFR 133.102(a)(4) may replace BOD_5 limits if requested by the permittee as part of the renewal application process or a modification request and approved by DEQ.
3. Mass-based limits calculation shown below in Part IV.E.
4. Percent BOD_5 percent removal calculation shown below in Part IV.E. TSS mass limits are a substitute for TSS percent removal.
5. Effluent pH shall remain between 6.0 and 9.0 s.u. For compliance purposes, any single analysis and/or measurement beyond this limitation shall be considered a violation of the conditions of this permit.

E. TBEL Equations

The following two equations – mass-based load and percent removal calculations -- will be included as part of the 2017-issued GP to clarify how authorized facilities must demonstrate compliance.

1. Mass-based Load Limits Equation

The following equations are used by DEQ to develop a facility's mass-based load limits:

Monthly average load limit (lb/day) [1]

= avg daily design flow (mgd) x monthly avg concentration limit (mg/L) x 8.34 conversion

Weekly average load limit (lb/day)

= avg daily design flow (mgd) x weekly avg concentration limit (mg/L) x 8.34 conversion

Footnote: (1) If a facility's nondegradation allocated load is more restrictive (for instance the average design flow for the facility anytime since 1993 was lower than the current design flow), then the nondegradation allocated load for that facility will supersede the mass-based monthly average load limit. Limiting each facility to the nondegradation monthly load allocation will ensure nonsignificance.

The same basic equations are used by the facility to calculate their actual loads for a given period of time, typically for monthly DMRs:

Monthly load (lb/day) – *average of all loading values calculated within the month:*

= Monthly average [actual daily discharge (mgd) x actual daily concentration (mg/L) x 8.34]

Weekly load (lb/day) – *highest average weekly loading value calculated within the month:*

= Highest (average weekly [actual daily discharge (mgd) x actual daily concentration (mg/L) x 8.34])

2. Percent Removal Equation

The following equation is used for a facility to determine their percent removal for a given month (or other time period):

$$\textbf{\% Removal} = \frac{[\textit{Influent Concentration}]-[\textit{Effluent Concentration}]}{[\textit{Influent Concentration}]} \times 100$$

Where:

Influent Concentration = Corresponding monthly average influent concentration based on the analytical results of the reporting period.

Effluent Concentration = Corresponding monthly average effluent concentration based on the analytical results of the reporting period.

V. Water Quality-Based Effluent Limitations

A. Scope and Authority

No permit may be issued when the imposition of conditions cannot ensure compliance with the applicable water quality requirements. In addition, Montana water quality standards require that no wastes may be discharged such that the waste either alone or in combination with other wastes will violate or can reasonably be expected to violate any standard. DEQ develops Water Quality-based Effluent Limits (WQBELs) when a discharge has the reasonable potential to exceed any state water quality standard and TBELs are not adequate to achieve water quality standards.

B. Receiving Waters

The 2017-issued GP covers facility discharges outside the boundaries of Indian Lands to any *state surface waters* except for Outstanding Resource Waters or those classified as A-1 or A-Closed waters (see Fact Sheet Part III.D.2).

'State waters' are defined as any body of water, irrigation system or drainage system either on the surface or underground. State waters do not include ponds or lagoons used solely for treating, transporting, or impounding pollutants; or irrigation waters or land application disposal waters when the waters are used up within the irrigation or land application disposal system and the waters are not returned to state waters [75-5-103, MCA]. Channels used solely for conveyance of wastewater discharges are considered part of the domestic lagoon system and are not regulated as state surface waters; therefore, compliance monitoring for any water-quality based effluent limits may be conducted at any location after treatment but prior to mixing with state surface water.

C. Applicable Water Quality Standards

Applicable discharges to state surface waters are subject to the specific water quality standards in ARM 17.30.623 - .629, Department Circulars DEQ-7 (Numeric Water Quality Standards) and -12A (Base Numeric Nutrient Standards), and the general provisions of ARM 17.30.635 through 637. All dischargers must ensure that state waters are free from substances which will:

(i) settle to form objectionable sludge deposits or emulsions beneath the surface of the water or upon adjoining shorelines;

(ii) create floating debris, scum, a visible oil film (or be present in concentrations at or in excess of 10 mg/L), or globules of grease or other floating materials;

(iii) produce odors, colors, or other conditions as to which create a nuisance or render undesirable tastes to fish flesh or make fish inedible;

(iv) create concentrations or combinations of materials which are toxic or harmful to human, animal, plant, or aquatic life; and

(v) create conditions which produce undesirable aquatic life.

Total Maximum Daily Load

For this renewal, the 2016 Integrated Report listed 16 currently authorized facilities' receiving waterbodies as impaired (this included five of the six continuous dischargers). Specifically, the receiving waters for Montana State Hospital, Townsend, Eureka, Thompson Falls, and Troy were listed as impaired for various parameters. The 2016 Integrated Report list of impaired waterbodies includes both those waterbodies where beneficial uses are impaired by a pollutant (e.g., sediment, nutrients, metals, temperature) and waterbodies impaired by a non-pollutant (e.g., alteration in stream-side or littoral vegetative covers, low flow alterations). DEQ develops Total Maximum Daily Loads (TMDLs) for waterbodies with pollutant impairments. Two of the five waterbodies for continuous dischargers that were listed as impaired had TMDLs (Montana State Hospital and Eureka).

Wasteload Allocations (WLAs) that are assigned to point sources in the TMDL are incorporated into MPDES permits, consistent with the assumptions and requirements in the TMDL document. DEQ reviewed the two TMDLs related to the continuous dischargers and found there was one with a narrative WLA (TSS for Eureka). The TMDLs conclude that lagoons are small contributors when properly designed and operated. Therefore, proper operation and maintenance meets the WLAs of the applicable facilities. The 2017-issued GP includes conditions requiring the proper operation and maintenance of domestic lagoon facilities.

D. Mixing Zones

A mixing zone is an area where the effluent mixes with the receiving water and certain water quality standards may be exceeded [ARM 17.30 Subchapter 5 *et seq*]. No mixing zone will be granted that will impair beneficial uses. DEQ must determine the applicability of a mixing zone; mixing zones are granted on a parameter-by-parameter basis.

No mixing zones were granted for any of the authorized facilities as part of the 2013-issued GP; instead, monitoring was required for parameters of concern. For this renewal cycle, DEQ evaluated the dischargers eligible for coverage under the 2017-issued GP (MTG581000). Any mixing zones given to facilities under this General Permit will be discussed further in Part V.E.2 of this Fact Sheet.

When appropriate, DEQ will grant dilution on a parameter-parameter basis for each facility requesting authorization under this General Permit. Dilution is granted per parameter as the appropriate portion of the low flow: either the 7-day, 10-year low flow (7Q10) or for nutrients the seasonal 14-day, 5-year low flow conditions (seasonal 14Q5)). The dilution will be granted as follows:

1. *No available dilution* – if the receiving water's low flow is 0 cubic feet per second (cfs) or if DEQ requires the parameter's standard to be met at the end of pipe under this General Permit (*E. coli* bacteria and Total Residual Chlorine (TRC)).
2. *Alternative mixing zone dilution* – DEQ will grant up to 10% of the 7Q10 as dilution for meeting chronic ammonia and 1% of the 7Q10 as dilution for meeting acute ammonia standards without further evaluation.
3. *Standard mixing zone dilution* – This is based on the dilution ratio (ratio of the 7Q10: facility's mean annual discharge rate) and submittal of water quality information in

conformance with the requirements under ARM 17.30.506 (including optional 'Form 506, Water Quality Assessment (ARM 17.30.506)':

- Greater than a 100:1 dilution ratio – DEQ will grant up to 100% dilution for chronic and human health standards. In addition, DEQ will grant up to 10% acute dilution for ammonia based on consideration of the first order rate of decay.
- Less than a 100:1 dilution ratio - DEQ will grant up to 25% dilution for chronic and human health standards. In addition, DEQ will grant up to 2.5% acute dilution for ammonia based on consideration of the first order rate of decay.

4. *Nutrient Mixing Zone* (Total Nitrogen and Total Phosphorus) – dilution is based on 100% of the seasonal 14Q5 (typically the summer season of July 1st – September 30th, but other seasons may apply.

DEQ determines the low flow through either publically-available information or certified information provided by the applicant.

A facility must apply for coverage under an individual permit for any other mixing zone evaluation.

E. Basis for WQBELs

DEQ develops WQBELs for any pollutant of concern (POC) for which there is reasonable potential (RP) to cause or contribute to exceedances of instream numeric or narrative water quality standards. Pollutants and parameters are identified as POC for one or more of the following reasons:

- listed TBELs;
- identified as needing limits in the previous permit;
- identified as present in the effluent through monitoring or otherwise expected present in the discharge; or
- associated with impairment which may or may not have a WLA in a TMDL.

DEQ evaluated pollutants for the domestic sewage lagoon category in **Table 6**.

Table 6. Identification of Pollutants of Concern

Parameter	Basis for POC Identification
5-day Biochemical Oxygen Demand (1)	Technology-based Effluent Limits, previous permit
Total Suspended Solids	Technology-based Effluent Limits, previous permit
pH	Technology-based Effluent Limits, previous permit
Oil & Grease	Known present
Dissolved Oxygen	Known present
E.coli bacteria	Previous permit, known present
Total Residual Chlorine	Previous permit, known present
Ammonia, as N	Known present
Nitrate+Nitrite, as N	Known present
Total Nitrogen, Total Phosphorus (2)	Known present, impairments
Other Parameters (WLA and other previous permit limits)	Previous permit, impairments

Footnotes:
(1) Permittees may request 5-day carbonaceous biochemical oxygen demand ($CBOD_5$) in lieu of BOD_5.
(2) Numeric nutrient standards have been implemented for wadeable streams and two (2) downstream segments of the Yellowstone River, as of April 2017.

1. Numeric Reasonable Potential for Intermittent and Perennial Receiving Waterbodies

When DEQ conducts a numeric analysis, a mass balance equation is used to determine RP and develop WQBELs, based on *EPA's Technical Support Document for Water Quality-based Toxics Control, March 1991* (TSD), EPA/505/2-90-001.

$$C_r = \frac{Q_d C_d + Q_s C_s}{Q_d + Q_s} \qquad (\textit{Equation 1})$$

Given:

C_r = the resulting receiving water concentration for a given period
Q_d = critical discharge rate (average daily design flow)
Q_s = critical receiving water low flow [available portion of the 7Q10 (see Part V.D of this Fact Sheet)]
C_d = critical effluent pollutant concentration (maximum discharge concentration x TSD multiplier)
C_s = critical ambient pollutant concentration (75^{th} percentile concentration)

The critical effluent concentration C_d is obtained following the method recommended by the TSD, which is multiplying the maximum effluent concentration observed during the three to five year period of record by the TSD Table 3-2 multiplier. For this GP, DEQ will develop the maximum effluent concentration for each facility based on the data provided as part of the renewal application and DMRs. If C_r > water quality standard based on *Equation 1*, then there is RP to exceed a water quality standard, and the facility will be required to apply for individual permit coverage.

2. Parameter-specific RP and WQBEL development

The following subsections discuss the basis for the RP analyses and WQBELs in this permit.

a. TSS, $CBOD_5$/BOD_5, and pH –

Each facility regulated under this GP will be required to meet TBELs which provide a significant reduction in solids and biological material through the TSS and $CBOD_5$/BOD_5 effluent limits (see Section IV). In addition, the TBEL effluent limitation for pH of 6.0 – 9.0 s.u. is protective of any receiving water quality. No additional WQBELs are required for these parameters.

b. Oil and Grease –

Discharges are prohibited from creating floating debris, scum, a visible oil sheen (or creates oil present in concentrations at or in excess of 10 mg/L), or globules of grease or other floating material in the receiving stream. Sewage treatment lagoons covered under this GP include minor facilities with no significant industrial contribution. However, oil & grease (O&G) is a parameter that could be present at a relatively low level in the wastewater from miscellaneous commercial sources.

Each authorized facility was required to analyze oil and grease concentrations annually during the current period of record. The oil & grease concentrations observed for the four years (2013 through 2016) for the six continuous dischargers ranged from nondetect to 2.0 mg/L oil & grease. Based on this data, it appears that continuous-discharging facilities authorized under the 2013-GP do *not* have RP to exceed 10 mg/L oil. DEQ has determined narratively that the domestic lagoon facilities could, however, cause or contribute to an oil sheen and will include this as an effluent limit.

Each facility authorized under this GP will be required to visually monitor their discharge a minimum of three times per week during periods of discharge. If there is a visual sign of an oil sheen or presence of oil, the facility must immediately take an oil & grease sample for analysis. The facility must also take all necessary steps to prevent the discharge of oil and grease. In addition, if the analysis results indicate the oil & grease concentration is greater than 10 mg/L, the facility must report the measures taken to eliminate the source with the next DMR submittal.

c. Escherichia coli Bacteria –

State surface water must be free from substances attributable to discharges that will create conditions harmful to human health. This includes pathogens. Pathogen limits are defined in terms of *Escherichia coli* (*E. coli*) bacteria.

E.coli standards are a surrogate for all human pathogens including bacteria and viruses. In 2017, the *E.coli* standards for all waterbodies were updated to read “Water quality criteria for *Escherichia coli* are expressed in colony forming units per 100 milliliters of water or as most probable number, which is a statistical representation of the number of organisms in a sample, as incorporated by reference in 40 CFR 136.3(b).”

The standards in ARM 17.30 Subchapter 6 read:

- April 1 through October 31 of each year - the geometric mean number of *E. coli* must not exceed 126 colony forming units (cfu) per 100 milliliters (mL) and 10% of the total samples may not exceed 252 cfu per 100 mL during any monthly period; and
- November 1 through March 31 of each year - the geometric mean number of *E. coli* must not exceed 630 cfu per 100 mL and 10% of the total samples may not exceed 1,260 cfu per 100 mL during any monthly period.

DEQ required all discharges covered by the 2013-issued GP to meet the *E. coli* effluent limits at the last point of control as of January 1, 2017. DEQ is proposing to retain these limits for the 2017-issued GP, but will change the associated units to read "number of organisms/100 mL," which will incorporate both cfu and MPN.

DEQ has determined that in order to protect human health, *all* discharges must meet the *E. coli* bacteria limit after all treatment but prior to discharge into state waters (i.e. the receiving waterbody) with no mixing zone. **Table 7** provides the *E. coli* bacteria effluent limits that will be included in each authorization:

Table 7: Proposed *E.Coli* Bacteria Effluent Limits (1)

Parameter	Units	Average Monthly Limit	Average Weekly Limit
E. coli Bacteria - summer (2,3)	# organisms/100 mL	126	252
E. coli Bacteria - winter (3,4)	# organisms /100 mL	630	1,260

Footnote:
1. See Definitions section at end of permit for explanation of terms.
2. This limit applies during the period April 1 through October 31, annually.
3. Report the geometric mean if more than one sample collected during the reporting period.
4. This limit applies during the period November 1 through March 31, annually.

d. Total Residual Chlorine –

The total residual chlorine (TRC) chronic aquatic life standard is 0.011 mg/L (11 µg/L) and the acute aquatic life standard is 0.019 mg/L (19 µg/L) [Department Circular DEQ-7]. The TRC standards were included as end-of-pipe TRC effluent limits in the 2013-issued GP and will be maintained for dischargers authorized under the 2017-issued GP. None of the continuous dischargers reported any detection of chlorine during the period of record.

Monitoring for TRC will be required whenever a facility uses chlorine to disinfect; the samples may be taken at any discharge location after treatment, prior to reaching the initial receiving waterbody. Approved analytical methods require that the TRC samples are analyzed within 15 minutes (40 CFR 136). An authorized facility's discharge is considered to be in compliance with the TRC limits of 11 µg/L average monthly and 19 µg/L maximum daily as long as analytical results show less than the Required Reporting Value (RRV) of 0.1 mg/L (100 µg/L).

e. Nutrients –

Montana adopted Department Circular DEQ-12A "Montana Base Numeric Standards" and the companion Department Circular DEQ-12B "Nutrient Standards Variances" in 2014, which was updated in June 2017. Circular DEQ-12A sets Total Nitrogen (TN) and Total Phosphorus (TP) standards (or criteria) for ecoregions and some individual surface waters in Montana. These TN and TP criteria apply during specific months, generally the summer. At this time there are no nutrient criteria for lakes, reservoirs, and all of Montana's large river segments except for two in the Yellowstone River. Circular DEQ-12B includes the nutrient variance program for lagoons who cannot meet calculated TN and/or TP limits designed to comply with the nutrient criteria. DEQ is not authorizing a variance under the General Permit; therefore, if a facility cannot meet the specific criteria for their ecoregion (or larger river or lake/reservoir) they will be required to apply for coverage under an individual permit.

When a facility discharges into a waterbody that does not have nutrient criteria but is listed as impaired for TN, TP, or other nutrient impacts such as chlorophyll-a, DEQ routinely includes TN and TP effluent limits for the facility that 'cap at current performance.'

In order to maintain coverage under this General Permit, <u>one</u> of the following scenarios must be met for a facility's discharge to state surface water, including both immediate and any immediate downstream waterbodies:

1. Scenario one: No applicable nutrient criteria <u>and</u> waterbodies not listed as impaired for nutrients or related impacts – facility will have nutrient effluent monitoring, only.
2. Scenario two: No applicable nutrient criteria, but waterbodies listed as impaired for nutrients and/or related impacts – facility is capped at current performance on a lb/day monthly average basis and required to comply with the Special Conditions Part VII.B.3 of this GP Fact Sheet (which requires the facility to conduct an Optimization Study).
3. Scenario three: Applicable nutrient criteria – facility must demonstrate no reasonable potential to exceed the criteria to remain under the GP. Facilities demonstrating 'no RP' will have nutrient effluent monitoring, only.

   Those facilities that do have RP can be covered under the 2017-issued GP as an interim condition, but are required to apply for individual permit coverage within two (2) years and required to comply with the Special Conditions Part VII.B.3 of this GP Fact Sheet (which requires the facility to conduct an Optimization Study).

Attachment B presents the specific ecoregions and TN and TP criteria evaluation for each of the six continuous dischargers currently authorized under the Domestic Sewage Lagoon General Permit. Nutrient requirements will be specified in the facility's authorization letter.

f. Total Ammonia as Nitrogen (Ammonia) –

Ammonia aquatic life acute and chronic toxicity are dependent on ambient pH and water temperature data for the receiving water body as well as the type of fishery present as contained within Circular DEQ-7. The 2013-issued GP did not include ammonia limits, but did require upstream and effluent monitoring.

For this General Permit renewal, DEQ will conduct an ammonia RP analysis for any facility requesting authorization as follows:

1. Develop the applicable receiving water acute and chronic ammonia standards, based on the 75th percentile of the upstream temperature and pH as well as the presence or absence of salmonid fish as determined by waterbody classifications in ARM 17.30 Subchapter 6;
2. Conduct the RP analysis using *Equation 1*, using available dilution as follows:
    - Dilution of 10% of the 7Q10 for chronic and 1% of the 7Q10 for acute; or
    - If there is RP after granting dilution consistent with an alternative mixing zone as described above, DEQ will grant a Standard Mixing Zone under ARM 17.30.516(3) if the facility has submitted information in conformance with the Water Quality Assessment requirements under ARM 17.30.506 and DEQ finds that the beneficial uses of the receiving water will be protected.

DEQ will continue to permit facilities under the domestic lagoon GP that have no RP to exceed calculated ammonia standards based on the above. Those facilities that do have RP can be covered under the 2017-issued GP as an interim condition, but are required to apply for individual permit coverage within two (2) years.

Attachment C presents the ammonia evaluation for each of the current six continuous dischargers. Ammonia requirements will be specified in the facility's authorization letter.

g. Nitrate + Nitrite –

The human health standard (HHS) for nitrate + nitrite is 10 mg/L. The 2013-issued GP required each permittee to monitor their effluent and upstream nitrate + nitrite concentrations during this permit cycle. For this General Permit renewal, DEQ will conduct a Nitrate + Nitrite RP analysis using *Equation 1*. If needed, DEQ will grant a Standard Mixing Zone if the facility has submitted information in conformance with the Water Quality Assessment requirements under ARM 17.30.506 and DEQ finds that the beneficial uses of the receiving water will be protected.

DEQ will continue to permit facilities under the domestic lagoon GP that have no RP to exceed calculated Nitrate+Nitrite standards based on the above. Those facilities that do have RP can be covered under the 2017-issued GP as an interim condition, but required to apply for individual permit coverage within two (2) years.

Attachment C presents the Nitrate+Nitrite evaluation for each of the six continuous dischargers. Nitrate+Nitrite requirements will be specified in the facility's authorization letter.

h. Whole Effluent Toxicity (WET) –

Facilities that maintain authorization to discharge under the 2017-issued GP do not require WET limits or testing based on the following rationale:

- No industrial users and indirect dischargers contributing to the influent;
- The requirement that facilities have flows of less than 1 mgd; and
- Other applicable effluent limits contained in this permit.

VI. Effluent Limits

Effluent limitations or conditions in reissued permits are required to be at least as stringent as those in the existing permit, with certain exceptions [40 CFR 122.44(l)]. DEQ considered the proposed permit limits to ensure that they were as stringent as previous limits, or met the anti-backsliding requirements.

Beginning on the effective date and lasting through the term of the 2017-issued GP, the discharge from each facility shall, at a minimum, meet the effluent limits presented below. The limits for each are comprised of the appropriate TBELs and WQBELs. These limits and the outfall location for each facility will be identified in a confirmation letter.

A. TBELs:

Each facility will be assigned BOD_5, TSS, and pH limits in their authorization letter, based on the appropriate TBEL category (i.e. Group A.1, A.2, B.1, etc.).

Group A – Total Suspended Solids (TSS) -National Secondary Standards (see **Table 3)**

5-Day Biochemical Oxygen Demand (BOD_5)

A.1. National Secondary Standards

A.2. Treatment Equivalent to Secondary

Group B – Total Suspended Solids (TSS) - Treatment Equivalent to Secondary (see **Table 4)**

5-Day Biochemical Oxygen Demand (BOD_5)

B.1. National Secondary Standards

B.2. Treatment Equivalent to Secondary

Group C – Total Suspended Solids (TSS) - Alternate State Requirements (see **Table 5)**

5-Day Biochemical Oxygen Demand (BOD_5)

C.1. National Secondary Standards

C.2. Treatment Equivalent to Secondary

B. WQBELs:

In addition to the TBELs, each facility is also subject to WQBELs. Beginning on the effective date of the permit and ending with the expiration of this permit, each facility will be subject to WQBELs as shown below in **Table 8 and below**.

Table 8. Water Quality-based Effluent Limits for Continuous Dischargers [1]

Parameter	Units	Average Monthly Limit	Average Weekly Limit	Maximum Daily Limit
Total Residual Chlorine [2]	µg/L	11	--	19
E. coli bacteria - summer [3]	# organisms/100 mL	126	252	--
E. coli bacteria - winter [3]	# organisms/100 mL	630	1,260	--
Oil & Grease	mg/L	--	--	10

Footnotes:
(1) See Definitions section at end of permit for explanation of terms. WQBELs are in addition to TBELs.
(2) TRC limits apply only when a facility uses chlorine to disinfect. Samples must be analyzed within 15 minutes. Analytical results less than 100 µg/L are considered in compliance with the TRC limit.
(3) All facilities are required to comply with the summertime *E.coli* bacteria limit from April 1 through October 31 and the wintertime limit from November 1 through March 31st on an annual basis. The geometric mean must be reported if more than one sample is collected during the reporting period.

In addition to **Table 8**, all facilities must meet the following restriction:

1. There shall be no discharge which causes a visible oil film (or to be present at concentrations at or in excess of 10 mg/L).

VII. Monitoring and Reporting Requirements and Special Conditions

A. Effluent Monitoring

Each facility is required to monitor their discharge at the last point of control before the discharge enters the receiving water. All facilities must ensure flow monitoring is representative of the nature and volume of the discharge. DEQ requires monitoring to occur on a calendar basis (i.e., calendar week, calendar month, calendar quarter). When monitoring is required twice per month, the two samples must be taken at least one week apart during the calendar month. When monitoring is required more than once a week, each sample must be taken on a unique calendar day.

Samples must be representative of the volume and quality of the effluent. Samples shall be collected, preserved and analyzed in accordance with approved procedures listed in 40 CFR 136 unless otherwise specified by DEQ. Analytical results reported as less than detection must achieve the required reporting values (RRV) in Department Circular DEQ-7 unless a different reporting level (RL) is specified in the 2017-issued GP.

Reporting frequency shall be monthly, and each facility must submit the results on their DMR for each month by the 28th of the following month. If no discharge occurs during the reporting period, "no discharge" shall be reported on the DMR.

Table 9 presents the influent monitoring requirements:

Table 9: Influent Monitoring and Reporting Requirements (1)

Parameter	Units	Sample Type	Minimum Sampling Frequency (2)	Reporting Requirements	Reporting Level (3)
5-Day Biochemical Oxygen Demand (BOD_5) (4)	mg/L	Composite	1/Month	None	2
Total Suspended Solids (TSS)	mg/L	Composite	1/Month	None	10

Footnotes:
(1) See Definitions section in the permit.
(2) The influent concentration of BOD_5 and TSS are used to calculate the percent removal. Monthly influent samples are required whenever there is a discharge for that month.
(3) Reporting Level (RL) is the minimum reporting level required for the analysis.
(4) BOD_5 unless facility has requested to sample for Carbonaceous Biochemical Oxygen Demand ($CBOD_5$).

Table 10 presents the proposed effluent monitoring requirements under the 2017-issued GP.

Table 10: Effluent Monitoring and Reporting Requirements [1]

Parameter	Units	Sample Type	Min. Sampling Frequency [2]	Reporting Requirements	Reporting Level [3]
Discharge Flow Rate	mgd	Instantaneous *or* Continuous	5/Week	Daily Maximum and Monthly Average	± 10% of actual
# Days with Flow	#Days	Calculated	1/Day	Monthly Count	1
5-Day Biochemical Oxygen Demand [4]	mg/L	Grab	2/Month	Weekly Maximum and Monthly Average	2
	lb/day	Calculated	1/Month		0.1
	% Removal	Calculated	1/Month	Monthly Minimum	0.1
Total Suspended Solids	mg/L	Grab	2/Month	Weekly Maximum & Monthly Average	10
	lb/day	Calculated	1/Month		0.1
	% Removal	Calculated	1/Month	Monthly Minimum	0.1
pH	s.u.	Instantaneous	1/Week	Daily Minimum and Daily Maximum	0.1
Oil & Grease	Yes / No	Visual [5]	3/Week	Monthly	--
	mg/L	Grab	[5]	Daily Maximum	1
E. coli Bacteria [6]	Number of organisms/ 100 mL	Grab	2/Month	Daily Maximum and Geometric Mean	1
Chlorine, Total Residual [7]	µg/L	Grab	3/Week	Daily Maximum and Monthly Average	100
Ammonia, Total as N	mg/L	Grab	1/Month	Daily Maximum and Monthly Average	0.07
Nitrate + Nitrite	mg/L	Grab	1/Month	Daily Maximum and Monthly Average	0.02
Total Kjeldahl Nitrogen	mg/L	Grab	1/Month [8]	Monthly Average	0.225
Total Nitrogen	mg/L	Grab	1/Month [8]	Monthly Average	0.25
	lb/day	Calculated			0.01
Total Phosphorus	mg/L	Grab	1/Month [8]	Monthly Average	0.003
	lb/day	Calculated			0.001

Footnotes:

(1) See Definitions section in the permit.

(2) **Monitoring is required only for any calendar period where there is a discharge.** Methods for calculating mass load (lb/day) and % removal are provided in Parts IV.E.1 & 2 of this Fact Sheet. Permittees are allowed to either conduct grab or composite effluent sampling: composite samples are 24-hour composite samples using a minimum of four grab samples. *DEQ will presume the permittees will comply with the monitoring requirement by taking one grab sample unless otherwise indicated in the NOI and specified in the authorization letter.*

(3) RL = minimum reporting level. Analytical results reported as less than detection must achieve the required reporting values (RRV) in Department Circular DEQ-7 unless a different RL is specified.

(4) BOD_5 unless the facility is authorized to demonstrate compliance with carbonaceous biochemical oxygen demand ($CBOD_5$).

(5) If visual monitoring indicates the presence of oil & grease, a grab sample must be submitted for analysis and discharge must cease if the concentration is found to be > 10 mg/L.

(6) *Escherichia coli (E. coli)* bacteria. Reporting in #organisms per 100 mL (equivalent to either colony forming units (cfu) per 100 mL or most probable number (mpn) per 100 mL). Report the geometric mean if more than one sample is collected during the reporting period.

(7) Limits and monitoring required for facilities that use chlorine for disinfection. If no chlorine is used during the reporting period, monitoring is not required and "NODI CODE = 9" must be reported on DMRs. Analytical results less than 100 µg/L (0.1 mg/L) will be considered in compliance with TRC limits.

(8) DEQ's authorization letter will specify the applicable period of nutrient monitoring (typically July 1 – September 30th).

B. Compliance Schedule and Special Conditions

1. Requirement to Apply for an Individual Permit

When DEQ calculates a facility has RP to exceed a water quality standard as discussed in Part V.E.2 of this Fact Sheet, the facility will be required to apply for an individual permit as part of their authorization letter. These facilities will continue to be covered under the 2017-issued GP as long as they submit a complete application for an individual permit by no later than December 31, 2019. DEQ will terminate the facility's authorization under the 2017-issued GP once the individual permit is effective (ARM 17.30.1341).

2. Lagoon Operation and Maintenance Requirements

ARM 17.30.1342(5) states that a permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the permit. One of the Special Conditions under the 2013-issued GP, as well as the proposed 2017-issued GP, is the requirement for every facility to maintain and operate in accordance with an up-to-date Operations & Management (O & M) Plan. Therefore, DEQ proposes to continue to include the requirement for each permitted facility to:

a. Maintain an up-to-date O&M manual for the domestic sewage treatment lagoon system;

b. Follow the procedures in the O&M manual;

c. **Conduct inspections at least monthly** to ensure the O&M procedures are being followed and are working; and

d. Maintain records of the routine inspections and any follow-up. Records from the routine inspections must be maintained for at least three (3) years, and available for an inspector upon request. At a minimum, the records shall include:

- Date and time of inspection;
- Name of the inspector(s);
- Weather conditions during inspection;
- Visual observation of lagoon conditions, including wastewater observations (water level, odor, and visible appearance) and dike condition (signs of leakage, erosion, rodents burrowing, and/or vegetation growth);
- Discharge flow rate, if occurring;
- Identification of O&M problems;
- Recommendations, as appropriate, to rectify identified O&M problems;
- A brief description of any actions taken with regards to identified problems; and
- Other information, as appropriate (e.g., effluent sample and measurement location).

3. Nutrient Optimization Study

Facilities that discharge to waterbodies listed as impaired for nutrients (TN, TP, or other eutrophication indicators) and facilities that have RP to exceed TN and/or TP criteria must

complete a nutrient optimization study within four years of coverage under this renewed General Permit (January 1, 2022, unless the facility coverage is after January 1, 2018).

The optimization study must include:

- Evaluation of current facility operations, including advanced operational strategies, reuse, recharge, and land application;
- Selection and planning for facility-specific nutrient minimization activities; and
- Implementation of selected nutrient minimization activities.

Facilities required to undertake the nutrient optimization study are required to submit an annual progress report by January 28th of each year, and a final summary of improvements by no later than January 14, 2022.

4. Seasonal Land Application of Treated Effluent

Any authorized facilities that employ land application are required to incorporate good operating procedures for the treated effluent land application system into the facility's final O&M manual as a Land Application Nutrient Management Plan (NMP). The NMP shall be designed to minimize the potential for release of pollutants to state waters. The plan shall detail how the facility will control land-applied effluent to optimize nutrient uptake and eliminate the risk of runoff to surface water or ground water infiltration/ percolation. Each facility shall maintain land application records for three (3) years and make them available for inspection by DEQ personnel upon request.

5. Inflow/Infiltration

The 2017-issued GP will require an Infiltration/Inflow (I/I) status update to be submitted during the last year of the permit cycle for all facilities with an average daily design flow greater than 0.1 mgd. This status update should include the:

- date of the most recent I/I assessment (which may be before this permit cycle),
- work completed since the most recent I/I assessment,
- work planned to reduce I/I over the next five years, and
- best estimate of the current amount and sources of I/I into the collection system.

A summary of the facility's most recent I/I review must be completed by **July 1, 2022** and submitted to DEQ by no later than **July 14, 2022**.

6. Compliance Schedule and Special Conditions Summary

Table 11 presents a summary of the Compliance Schedule and Special Conditions due dates.

Table 11: Summary of Compliance Schedule and Special Conditions Due Dates

Action	Scheduled Completion Date of Action (1)	Report Due Date (2)
Compliance Schedule		
Individual Permit Application as Required in Facility Authorization Letter.	December 31, 2019	Annual Progress Reports by January 28th until submitted.
Special Conditions Due Date		
Operation & Maintenance Plan and records	Develop, implement, and maintain onsite	NA
Nutrient Optimization Plan		Progress Reports by January 28th annually until completed. Summary report due January 14, 2022.
Land application – Plan and records *if land application is used*	Develop and implement and maintain onsite	NA
Review I/I and provide status update	July 1, 2022	July 14, 2022

Footnotes:
(1) The actions must be completed on or before the scheduled completion dates.
(2) This notification must be received by DEQ on or before the scheduled due date.

C. Sludge Requirements

The use or disposal of sewage sludge must be in conformance with 40 CFR Part 503.

D. Pretreatment Program

Facilities that operate under the EPA Pretreatment Program or accept discharge from categorical industrial users, significant industrial users, or other users that may cause pass through or interference, cannot be covered under the 2017-issued GP. The GP will include standard language restricting the introduction of certain pollutants into the authorized facilities and requiring a facility to provide adequate notice to DEQ if a new source, volume, or character of industrial pollutant is introduced into the system.

VIII. Information Sources

1. Montana Code Annotated Title 75 - Chapter 5 - Water Quality
2. Administrative Rules of Montana Title 17 Chapter 30 - Water Quality
   a. Subchapter 2 - Water Quality Permit and Application Fees
   b. Subchapter 5 - Mixing Zones in Surface and Ground Water
   c. Subchapter 6 - Montana Surface Water Quality Standards and Procedures
   d. Subchapter 7- Nondegradation of Water Quality
   e. Subchapter 11 - Storm Water Discharges
   f. Subchapter 12 - MPDES Standards
   g. Subchapter 13 - MPDES Permits
3. Montana DEQ Circular DEQ-2, Design Standards for Wastewater Facilities, September 2016.
4. Montana DEQ Circular DEQ-7, Montana Numeric Water Quality Standards, May 2017.
5. Montana DEQ Circular DEQ-12A, Montana Base Numeric Nutrient Standards, July 2014 and Circular DEQ-12B, Nutrient Standards Variances, June 2017
6. Montana Pollutant Discharge Elimination System (MPDES) Permit Number MTG580000: Administrative Record.
7. Federal Water Pollution Control Act (Clean Water Act), 33 U.S.C. §§ 1251-1387, October 18, 1972, as amended 1973-1983, 1987, 1988, 1990-1992, 1994, 1995 and 1996.
8. Federal Water Pollution Control Act (Clean Water Act), § 303(d), 33 USC 1313(d) Montana List of Waterbodies in Need of Total Maximum Daily Load Development, 2016.
9. Federal Register, 49 FR 37005 Alternative State Requirements for Montana, September 20, 1984.
10. US Code of Federal Regulations, 40 CFR Parts 122-125, 130-133, & 136.
11. US Code of Federal Regulations, 40 CFR Part 403 – General Pretreatment Regulations for Existing and New Sources of Pollution.
12. US Code of Federal Regulations, 40 CFR Part 503 – Standards for the Use or Disposal of Sewage Sludge.
13. US Department of the Interior US Geological Survey, Statistical Summaries of Streamflow in Montana and Adjacent Areas, Water Years 1900 through 2002, Scientific Investigations Report 2004-5266, 2004 and final electronic update through 2009, dated 2016.
14. US EPA. Office of Water. Design Manual for Municipal Wastewater Stabilization Ponds, EPA 625-1-83-015. October 1983.
15. US EPA. Principles of Design and Operations of Wastewater Treatment Pond Systems for Plant Operators, Engineers, and Managers, EPA/600/R-11/088, August 2011.
16. US EPA Technical Support Document for Water Quality-Based Toxics Control, EPA/505/2-30-001, March 1991.
17. US EPA NPDES Permit Writers' Manual, EPA 833-K-10-001, September 2010.

Completed: July 2017

DEQ's Plan for regulating nutrients in Montana

Recent history:

EPA disapproved DEQ's general nutrient variance rules. The EPA Action Letter included the following information:

- EPA admitted that they were acting, at least, partially based upon Judge Morris' decision related to EPA's motion to reconsider;
- EPA approved the non-severability provisions that they had refused to act on previously;
- EPA noted that individual variances are still in effect but did not identify which, if any, Montana general variance rules stay in effect;
- EPA's remedy for Montana is to require dischargers to meet HAC immediately and to base the length of a variance upon a known time to reach the Base WQS (effectively turning the variance into a compliance schedule);
- EPA stated that they do not need to provide a remedy themselves because variances are optional.

Upper Missouri Waterkeeper filed a suit in front of Judge Morris that states that the non-severability provisions of Montana's rules are self-executing but EPA's approval of them was unlawful and arbitrary and capricious.

As a result of EPA's action disapproving DEQ's general variance rules, DEQ has concluded that the non-severability provisions have been activated. These provisions are self-executing. This means that DEQ-12A (Numeric Nutrient Criteria) has been eliminated based upon the language previously adopted by the BER. DEQ will work with stakeholders including the Nutrient Work Group to develop a plan that will include short-term, medium-term, and long-term steps.

Short term options (beginning May, 2020) - Determine if there is a reasonable potential to violate the narrative standard. <u>If yes, then use one or some combination of the following:</u>

- Develop a narrative permit condition requiring nutrient optimization of the wastewater treatment plant;
- Cap nutrients at current performance;
- Establish limits for parameters with DEQ-7 standards that serve as proxies for nutrients (ammonia, nitrate, etc.).

Medium term options (beginning by May, 2021) - Develop nutrient narrative translators and adopt it as a formal policy with some combination of below:

- Direct dischargers to seek individual variances (SB 48);
- Direct dischargers to collect additional data: 1) to see what type of effluent quality can be achieved as lagoons to continue to optimize their systems; and/or 2) work towards potential UAAs or site-specific standards/evaluate merits of emphasizing greater reduction of one nutrient over the other.
- Require nutrient optimization of the wastewater treatment plant

Long term options -

- For mechanicals: individual variances/site specific standards/UAAs/cap at current (non-degradation Nitrogen & Phosphorous limits are already in place for many mechanicals)/TMDL/treatment optimization.
- For lagoons: individual variances/cap at current/TMDL/site specific standards/treatment optimization /UAAs/conversion to non-discharging systems/upgrades to mechanical.
- Develop options and incentives for nutrient trading within the watershed.

APPENDIX R

Financial Data

09/23/19 CITY OF THOMPSON FALLS Page: 1 of 3
10:37:55 [redacted] Report ID: B250F

Account Object	---------- Actual 15-16	16-17	17-18	18-19	Current Budget 18-19	% Exp. 18-19	Prelim. Budget 19-20	Budget Changes 19-20	Final Budget 19-20	% Old Budget 19-20
5210 SEWER OPERATING										
430610 Administration										
110 SALARIES	13,331	14,218	14,410	15,[illegible]	1[illegible],[illegible]	88%	16,22[illegible]		[illegible]	79%
12[illegible] OVERTIME	173	[illegible]	-6	19[illegible]	150	131%	40[illegible]		[illegible]	200%
200 SUPPLIES	2[illegible]		422	11[illegible]	500	154%	910		610	154%
31[illegible] POSTAGE, [illegible]	5[illegible]		38[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		600	75%
33[illegible] PUBLICITY, SUBSCRIPTIONS				150	35[illegible]	[illegible]	[illegible]		35[illegible]	[illegible]
3[illegible] UTILITY SERVICES	1,326	1,457	1,2[illegible]	[illegible],[illegible]	1,[illegible]	2[illegible]	[illegible]		1,[illegible]	[illegible]
3[illegible] PROFESSIONAL SERVICES		2,[illegible]	[illegible]	[illegible]	1,[illegible]	[illegible]	41,0[illegible]		[illegible]	[illegible]
[redacted]										
$35,000 [illegible] for [illegible] sewer project										
360 REPAIR & MAINTENANCE SERV	598	4[illegible]	[illegible]	[illegible]70	1,000	[illegible]	1,000		1,000	[illegible]
370 TRAVEL & TRAINING		123	[illegible]	[illegible]	100	[illegible]	[illegible]		600	[illegible]
390 OTHER PURCHASED SERVICES	[illegible]	4[illegible],[illegible]	[illegible]	13[illegible],[illegible]	[illegible]	[illegible]	330,[illegible]		[illegible]	[illegible]
Sewer Project Engineering - [illegible] Engineering										
510 INSURANCE	[illegible]	1,[illegible]	1,[illegible]	[illegible]	1,[illegible]	[illegible]	[illegible]	50	[illegible]	[illegible]
Account:	18,[illegible]	[illegible]	52,[illegible]	[illegible]	[illegible]	[illegible]	1,[illegible]	50	[illegible]	[illegible]
430630 Collection and Transmission										
1[illegible] SALARIES	[illegible]	10,[illegible]	10,[illegible]	13,[illegible]	12,[illegible]	10[illegible]	13,[illegible]		[illegible]	[illegible]
1[illegible] OVERTIME	[illegible]	[illegible]	[illegible]	[illegible]	600	[illegible]	[illegible]		[illegible]	[illegible]
2[illegible] SUPPLIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible] UTILITY SERVICES	[illegible]	[illegible]	2,[illegible]	4,[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
36[illegible] REPAIR & MAINTENANCE SERV	[illegible]	[illegible]	2,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
3[illegible] OTHER PURCHASED SERVICES	[illegible]	[illegible]	1,[illegible]	2,[illegible]	1,[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
9[illegible] IMPROVEMENTS OTHER THAN BLDG	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible] Project [illegible]										
[redacted]										
940 MACHINERY & EQUIPMENT		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
Account:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,[illegible]	0	[illegible]	[illegible]
[illegible]										
1[illegible] SALARIES	11,[illegible]	12,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
2[illegible] SUPPLIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
3[illegible] UTILITY SERVICES	[illegible]	11,[illegible]	[illegible]	[illegible]	12,[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
3[illegible] REPAIR & MAINTENANCE SERV	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
3[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18,[illegible]		[illegible]	[illegible]
[illegible]										
[illegible]										
[illegible]										
Account:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
[illegible]										
[illegible]	[illegible]	[illegible]	8,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
Account:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]

Account Object	------------ 15-16	16-17	Actuals ---------------- 17-18	18-19	Current Budget 19-20	% Exp 19-20	Prelim. Budget 20-21	Budget Changes 20-21	Final Budget 20-21	% Old Budget 19-20
430XXX STREET, ALLEY, CEMETERY EQUIPMENT [illegible]										
610 Principal		3,620	[illegible]	10,[illegible]	11,[illegible]	97%	23,[illegible]	[illegible]	23,[illegible]	[illegible]
620 Interest		275	1,[illegible]	[illegible]	2,[illegible]	97%	2,[illegible]		2,[illegible]	[illegible]
Account		3,895	6,[illegible]	1[illegible]	13,[illegible]	9[illegible]	25,[illegible]	0	25,[illegible]	[illegible]
Fund:	[illegible]	[illegible]	[illegible]	253,190	[illegible]	9[illegible]	2,718,[illegible]	[illegible]	2,7[illegible]	[illegible]
Grand Totals:	[illegible]	[illegible]	[illegible]	[illegible]	255,[illegible]		2,[illegible]	[illegible]	2,[illegible]	

Account	15-16	16-17	17-18	18-19	Current Budget 19-20	% Exp. 19-20	[illegible] Budget 19-20	[illegible] 19-20	[illegible] Budget 19-20	[illegible] Budget 19-20
5310 SEWER OPERATING										
330000 INTERGOVERNMENTAL REVENUES										
[illegible] [illegible]			[illegible]		0	0%			0	0%
334120 [illegible] Sewer Project Construction		17,000	15,000		0	0%	[illegible]		[illegible]	[illegible]
[illegible] DEPARTMENT OF NATURAL Sewer Project Engineering			[illegible]	[illegible]	50,000	[illegible]	[illegible]		[illegible]	[illegible]
Group:		17,000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
340000 CHARGES FOR SERVICES										
[illegible] Sewer Service Charges	132,344	[illegible]	[illegible]	123,228	[illegible]	90%	[illegible]		[illegible]	[illegible]
Group:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90%	[illegible]	0	[illegible]	[illegible]
370000 INVESTMENT AND ROYALTY EARNINGS										
[illegible] Investment Earnings	283	279	231	720	270	267%	720		720	[illegible]
Group:	[illegible]	[illegible]	[illegible]	[illegible]	270	[illegible]	[illegible]	0	[illegible]	[illegible]
380000 OTHER FINANCING SOURCES										
[illegible] TRANSFERS FROM		52,500	20,000		0	0%			0	%
Group:		[illegible]	[illegible]		0	0%	0	0	0	0%
Fund:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
Grand Totals:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	0	[illegible]	

Fund Account Object	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
[illegible] SEWER OPERATIONS						
430000 Public Works						
430010 Administration						
100 SALARIES	0.00	2,717.52	[illegible]	16,[illegible]	[illegible]	[illegible]
120 OVERTIME	0.00	0.00	800.00	800.00	800.00	0 %
200 BENEFITS	0.00	0.00	819.00	819.00	819.00	0 %
310 COMMUNICATION AND TRANSPORTATION	0.00	0.00	600.00	600.00	600.00	0 %
330 PUBLICITY, SUBSCRIPTIONS & DUES	0.00	0.00	750.00	750.00	750.00	0 %
340 UTILITY SERVICES	113.05	315.[illegible]	1,500.00	1,500.00	1,[illegible]	[illegible] %
350 PROFESSIONAL SERVICES	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] %
360 REPAIR & MAINTENANCE SERVICES	0.00	0.00	1,000.00	1,000.00	1,000.00	0 %
370 TRAVEL & TRAINING	0.00	0.00	600.00	600.00	600.00	0 %
390 OTHER PURCHASED SERVICES	51,340.61	66,726.27	[illegible]	[illegible]	[illegible]	7 %
510 INSURANCE	0.00	2,560.04	1,794.00	1,794.00	-[illegible]	143 %
Account Total:	51,453.66	89,397.85	1,01[illegible]	1,019,[illegible]	929,[illegible]	9 %
430[illegible] Collection and Transmission						
100 SALARIES	0.00	2,057.10	13,[illegible]	13,[illegible]	11,[illegible]	15 %
120 OVERTIME	0.00	197.70	[illegible]	[illegible]	[illegible]	26 %
200 BENEFITS	[illegible]	195.31	[illegible]	[illegible]	[illegible]	8 %
340 UTILITY SERVICES	[illegible]	[illegible]	5,[illegible]	5,[illegible]	[illegible]	[illegible] %
360 REPAIR & MAINTENANCE SERVICES	0.00	0.00	[illegible]	[illegible]	[illegible]	0 %
390 OTHER PURCHASED SERVICES	0.00	0.00	[illegible]	[illegible]	[illegible]	0 %
9[illegible] [illegible]	0.00	0.00	[illegible]	[illegible]	[illegible]	0 %
Account Total:	491.23	3,245.51	1,581,792.00	1,581,792.00	1,578,546.49	0 %
430[illegible] Treatment and Disposal						
100 SALARIES	0.00	[illegible]	13,[illegible]	1[illegible]	[illegible]	15 %
120 OVERTIME	0.00	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible] %
200 BENEFITS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] %
340 UTILITY SERVICES	[illegible]	[illegible]	13,[illegible]	1[illegible]	[illegible]	14 %
360 REPAIR & MAINTENANCE SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] %
390 OTHER PURCHASED SERVICES	[illegible]	[illegible]	18,[illegible]	18,[illegible]	[illegible]	[illegible] %
Account Total:	1,5[illegible]	6,749.66	51,810.00	51,810.00	45,[illegible]	13 %
Account Group Total:	53,[illegible]	99,392.04	2,652,819.00	2,652,819.00	2,553,425.96	4 %
490000 Debt Service						
490[illegible] [illegible]						
610 Principal	0.00	0.00	[illegible]	[illegible]	[illegible]	0 %
620 Interest	0.00	0.00	[illegible]	[illegible]	[illegible]	0 %
Account Total:	0.00	0.00	15,000.00	15,000.00	15,000.00	0 %
49[illegible] [illegible]						
610 Principal	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] %
620 Interest	0.00	905.[illegible]	[illegible]	[illegible]	[illegible]	[illegible] %
Account Total:	16,500.00	24,234.12	25,930.00	25,930.00	1,695.88	93 %
Account Group Total:	16,500.00	24,234.12	40,930.00	40,930.00	16,695.88	59 %
Fund Total:	69,999.97	123,627.16	2,693,749.00	2,693,749.00	2,570,121.84	5 %

Fund	Account	Received Current Month	Received YTD	Estimated Revenue	Revenue To Be Received	% Received
[illegible]						
[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Account Group Total:	186,583.00	106,503.00	160,000.00	-26,503.00	117 %
[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Account Group Total:	0.00	150.00	420,464.00	420,314.00	0 %
[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Account Group Total:	0.00	0.00	325.00	325.00	0 %
[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Account Group Total:	110.37	1,168.32	2,352.00	1,183.68	50 %
	Fund Total:	186,692.37	187,901.32	583,141.00	395,239.68	32 %
	Grand Total:	186,692.37	107,901.32	583,141.00	395,239.68	32 %

Fund Account Object	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
5010 SEWER OPERATING						
430000 Public Works						
430610 Administration						
100 SALARIES	1,460.28	[illegible]	[illegible]	[illegible]	2,327.81	[illegible]
120 OVERTIME	0.00	116.57	[illegible]	[illegible]	[illegible]	[illegible]
200 SUPPLIES	0.00	171.24	[illegible]	[illegible]	[illegible]	[illegible]
310 COMMUNICATION AND TRANSPORTATION	0.00	102.59	[illegible]	500.00	[illegible]	[illegible]
330 PUBLICITY, SUBSCRIPTIONS & DUES	0.00	[illegible]	[illegible]	350.00	[illegible]	[illegible]
340 UTILITY SERVICES	0.00	[illegible]	1,500.00	1,500.00	[illegible]	[illegible]
350 PROFESSIONAL SERVICES	0.00	0.00	[illegible]	[illegible]	[illegible]	[illegible]
360 REPAIR & MAINTENANCE SERVICES	0.00	[illegible]	1,000.00	[illegible]	[illegible]	[illegible]
370 TRAVEL & TRAINING	0.00	321.25	600.00	[illegible]	[illegible]	[illegible]
390 OTHER PURCHASED SERVICES	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
510 INSURANCE	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
920 IMPROVEMENTS OTHER THAN BUILDINGS	[illegible]	[illegible]	0.00	0.00	[illegible]	[illegible]
Account Total:	1,838.28	561,477.64	1,019,217.00	1,019,217.00	437,739.36	57 %
430630 Collection and Transmission						
100 SALARIES	1,049.76	[illegible]	[illegible]	[illegible]	[illegible]	74 %
120 OVERTIME	7.74	[illegible]	[illegible]	[illegible]	[illegible]	74 %
200 SUPPLIES	0.00	560.67	[illegible]	[illegible]	6,019.33	[illegible]
340 UTILITY SERVICES	457.32	3,835.51	5,000.00	[illegible]	1,164.49	77 %
360 REPAIR & MAINTENANCE SERVICES	0.00	146.00	3,000.00	[illegible]	2,854.00	[illegible]
390 OTHER PURCHASED SERVICES	0.00	[illegible]	[illegible]	[illegible]	41.33	[illegible]
930 IMPROVEMENTS OTHER THAN BUILDINGS	0.00	28,871.67	[illegible]	[illegible]	[illegible]	2 %
Account Total:	1,514.82	45,832.57	1,581,792.00	1,581,792.00	1,535,959.43	3 %
430640 Treatment and Disposal						
100 SALARIES	[illegible]	[illegible]	[illegible]	[illegible]	4,440.29	73 %
120 OVERTIME	[illegible]	[illegible]	800.00	800.00	183.35	77 %
200 SUPPLIES	21.96	2,474.23	3,900.00	3,900.00	1,425.77	63 %
340 UTILITY SERVICES	895.95	[illegible]	15,000.00	[illegible]	[illegible]	[illegible]
360 REPAIR & MAINTENANCE SERVICES	0.00	206.00	2,500.00	2,500.00	2,294.00	8 %
390 OTHER PURCHASED SERVICES	575.00	[illegible]	[illegible]	[illegible]	[illegible]	26 %
Account Total:	3,105.81	27,098.91	51,810.00	51,810.00	24,711.09	52 %
Account Group Total:	6,258.91	654,409.12	2,652,819.00	2,652,819.00	1,998,409.88	25 %
490000 Debt Service						
490230 SEWER REVENUE BOND 1998						
610 Principal	0.00	[illegible]	9,000.00	9,000.00	[illegible]	50 %
620 Interest	0.00	[illegible]	6,000.00	6,000.00	3,656.62	39 %
Account Total:	0.00	6,874.08	15,000.00	15,000.00	8,125.92	46 %
490331 STREET, PARKS, CEMETERY EQUIPMENT INTERFUND LOAN						
610 Principal	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
620 Interest	0.00	1,226.22	2,500.00	2,500.00	1,273.78	49 %
Account Total:	0.00	31,648.49	25,930.00	25,930.00	-5,718.49	122 %
Account Group Total:	0.00	38,522.57	40,930.00	40,930.00	2,407.43	94 %
Fund Total:	6,258.91	692,931.69	2,693,749.00	2,693,749.00	2,000,817.31	26 %

Grand Total:	5,256 91	692.931.69	2,652,749.00	2,693 749.00	2.000.017 31	26 <

Fund	Account	Received Current Month	Received YTD	Estimated Revenue	Revenue To Be Received	% Received
5210 SEWER OPERATING						
330000 INTERGOVERNMENTAL REVENUES						
334120	TREASURE STATE ENDOWMENT PROGRAM	0.00	0.00	1,500,000.00	1,500,000.00	0 %
334121	DEPARTMENT OF NATURAL RESOURCES GRANT	117,025.00	[illegible]	[illegible]	[illegible]	65 %
	Account Group Total:	117,025.00	697,494.42	2,430,000.00	1,732,565 5[illegible]	26 %
340000 CHARGES FOR SERVICES						
[illegible]	Sewer Service Charges	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sewer Installation Charges	0.00	[illegible]	0.00	[illegible]	[illegible]
	Account Group Total:	10,155.12	103,535.17	123,228.00	19,692.83	84 %
370000 INVESTMENT AND ROYALTY EARNINGS						
371010	Investment Earnings	15.37	711.05	720.00	8.95	99 %
	Account Group Total:	15.37	711.05	720.00	8.95	99 %
	Fund Total:	127,155.49	741,680.71	2,553,948.00	1,812,267.29	29 %
	Grand Total:	127,155.49	741,680.71	2,553,948.00	1,812,267.29	29 %

Range: 590 - 591

Fund/Account	Beginning Balance	Received	Transfers In	Disbursed	Transfers Out	Ending Balance
590 SEWER OPERATING						
101000 Cash	679.75	124,968.00	692.39	0.00	6,250.91	119,789.23
102260 CASH - RESERVE TEXTURE	19,734.08	0.00	0.00	0.00	0.00	19,734.08
102340 REPLACEMENT AND DEPRECIATION	15,749.26	0.00	0.00	0.00	0.00	15,749.26
Total Fund	25,792.56	124,968.00	692.39		6,250.91	145,194.03
Totals	25,792.56	124,968.00	692.39	0.00	6,250.91	145,194.03

*** Transfers In and Transfers Out columns should match. There are 2 main exceptions to this: 1) Journal Vouchers that reclass cash accounts; 2) Payroll Journal Vouchers that include detail deductions for us with receipt accounting. Please run your reconciliation procedure as normal to call for more details.

CITY OF THOMPSON FALLS
NOTES TO THE BASIC FINANCIAL STATEMENTS
FISCAL YEAR ENDING JUNE 30, 2019

Long-term Debt

During the fiscal year the City issued $[illegible],700 of new general obligation/direct borrowing/revenue bonds, of which $80,700 was recognized in the governmental funds, and $238,000 was recognized in the business-type funds.

Changes in long-term obligations for the year ended June 30, 2019, are as follows:

			Balance at 6/30/2018	Increases	Decreases	Balance at 6/30/2019	Due within One Year	
Governmental activities:								
USDA RD - Dump Trucks $80,700				$ 80,700.00	$ 10,445.44	$ 70,254.56		5.125
Intercap - Police Cars $58,550			$ 19,607.00		$ 13,169.09	$ 6,632.91	$ 6,632.91	8.75 19
Intercap - Police Cars $13,590			$ 8,237.00	$ -	$ 2,717.87	$ 5,519.13	$ 2,717.87	2.15 21
Intercap - Ford Truck $13,590			$ 6,964.00	$ -	$ 1,333.23	$ 2,630.77	$ 2,759.78	2.15 20
Intercap - Fire Truck $75,000			$ 47,315.00	$ -	$ 8,396.42	$ 39,518.58	$ 8,396.42	8.5 23
Total			$82,018	$80,700	$39,062	$124,556	$20,507	
Business-type activities:								
SRF Loan - Water	$	331,000.00	$ 204,000	$	$ 28,000	$ 176,000	$ 28,000	7.1.25
SRF Loan - Water	$	617,000.00	$ 379,000	$ -	$ 50,000	$ 329,000	$ 52,000	7.1 25
SRF Loan - Water	$	94,000.00	$ 64,000	$	$ 6,000	$ 58,000	$ 6,000	7.1.28
SRF Loan - Water	$	425,000.00	$ 383,000	$ -	$ 18,000	$ 365,000	$ 18,000	1.1.36
SRF Loan - Water	$	238,000.00		$ 238,000	$ 10,000	$ 228,000	$ 10,000	7.1 58
CST Loan - Sewer	$	205,744.00	$ 205,744		$ 8,797	$ 156,290	$ 8,735	8.1 33
Intercap - Sewer	$	38,934.00	$ 25,344		$ 7,145	$ 18,199	$ 7,145	8.15 21
Intercap - Sewer	$	16,500.00	$ 16,500			$ 16,500	$ 16,500	Paid off $ 2019
Intercap - Sewer	$	30,000.00	$ 20,000		$ 6,502	$ 13,498	$ 6,502	2.15 21
Total			$1,297,588	$238,000	$134,444	$1,360,487	$152,862	

05/29/20 CITY OF THOMPSON FALLS Page: 1 of 7
14:33:50 Statement of Expenditure - Budget vs. Actual Report Report ID: B100C
For the Accounting Period: 5 / 18

Fund Account Object	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
5210 WATER OPERATING						
430000 Public Works						
430510 Administration						
111 SALARIES	1,290.48	[illegible]	15,919.00	15,919.00	[illegible]	[illegible]
121 OVERTIME	0.00	115.[illegible]	150.00	150.00	[illegible]	[illegible]
210 SUPPLIES	255.04	422.[illegible]	500.00	500.00	77.[illegible]	84 %
310 COMMUNICATION AND TRANSPORTATION	[illegible]	[illegible]	300.00	300.00	118.[illegible]	63 %
330 PUBLICITY, SUBSCRIPTIONS & DUES	0.00	0.00	250.00	250.00	250.00	0 %
340 UTILITY SERVICES	219.54	1,231.[illegible]	1,500.00	1,500.00	[illegible]	82 %
350 PROFESSIONAL SERVICES	163.00	463.[illegible]	3,000.00	3,000.00	[illegible]	[illegible]
360 REPAIR & MAINTENANCE SERVICES	0.00	[illegible]	1,000.00	1,000.00	[illegible]	[illegible]
370 TRAVEL & TRAINING	0.00	[illegible]	0.00	0.00	[illegible]	[illegible]
390 OTHER PURCHASED SERVICES	11,335.75	[illegible]	30,000.00	30,000.00	3,355.62	111 %
510 INSURANCE	0.00	1,44[illegible]	1,600.00	1,600.00	155.80	90 %
Account Total:	14,4[illegible].36	53,099.45	54,619.00	54,619.00	1,519.55	97 %
430530 Collection and Transmission						
111 SALARIES	[illegible]	10,507.[illegible]	11,[illegible]	11,[illegible]	593.03	95 %
121 OVERTIME	[illegible]	515.[illegible]	551.00	551.00	36.[illegible]	93 %
210 SUPPLIES	147.[illegible]	4,[illegible]	7,500.00	7,500.00	[illegible]	[illegible]
340 UTILITY SERVICES	[illegible]	[illegible]	6,[illegible]	6,[illegible]	[illegible]	[illegible]
360 REPAIR & MAINTENANCE SERVICES	[illegible]	2,895.[illegible]	91,[illegible]	91,[illegible]	[illegible]	[illegible]
390 OTHER PURCHASED SERVICES	200.[illegible]	[illegible]	1,500.00	1,500.00	251.75	83 %
920 [illegible]	0.00	5,[illegible]	0.00	0.00	[illegible]	[illegible]
940 MACHINERY & EQUIPMENT	0.00	[illegible]	35,[illegible]	35,[illegible]	14,[illegible]	[illegible]
Account Total:	3,570.05	50,028.70	153,783.00	153,783.00	103,754.30	33 %
430540 Treatment and Storage						
111 SALARIES	3,145.[illegible]	[illegible]	16,[illegible]	16,[illegible]	[illegible]	[illegible]
121 OVERTIME	[illegible]	[illegible]	550.00	550.00	[illegible]	[illegible]
210 SUPPLIES	122.[illegible]	1,[illegible]	4,100.00	4,100.00	[illegible]	[illegible]
340 UTILITY SERVICES	1,9[illegible]	[illegible]	11,[illegible]	11,[illegible]	[illegible]	[illegible]
360 REPAIR & MAINTENANCE SERVICES	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
390 OTHER PURCHASED SERVICES	[illegible]	5,[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]
Account Total:	4,209.18	28,396.31	44,450.00	44,450.00	16,053.62	64 %
Account Group Total:	22,105.59	131,524.53	252,852.00	252,852.00	121,327.47	52 %
490000 Debt Service						
490200 STATE REVOLVING LOAN 1991						
610 Principal	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
620 Interest	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Account Total:	6,874.00	13,740.16	13,977.00	13,977.00	236.84	98 %
490[illegible] STREETS, PARKS, CEMETERY EQUIPMENT INTERCAP LOAN						
610 Principal	0.00	[illegible]	5,000.00	5,000.00	[illegible]	[illegible]
620 Interest	0.00	[illegible]	5,000.00	5,000.00	[illegible]	[illegible]
Account Total:	0.00	8,330.21	10,000.00	10,000.00	1,669.79	83 %
Account Group Total:	6,874.00	22,070.37	23,977.00	23,977.00	1,906.63	92 %
Fund Total:	28,979.59	153,594.90	276,829.00	276,829.00	123,234.10	55 %

Grand Total:	29,063.67	153,602.80	274,669.3[illegible]	276,869.09	123,266.10	55 %

Fund Account Object	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
5310 SEWER OPERATING						
430000 Public Works						
430610 Administration						
110 Salaries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
120 Overtime	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
210 Supplies	[illegible]	[illegible]	[illegible]	[illegible]	210.10	[illegible]
310 Communication and Transportation	0.00	[illegible]	[illegible]	[illegible]	140.50	[illegible]
330 Publicity, Subscriptions & Dues	0.00	250.00	[illegible]	[illegible]	100.00	[illegible]
340 Utility Services	99.92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
350 Professional Services	[illegible]	364.33	[illegible]	[illegible]	[illegible]	[illegible]
360 Repair & Maintenance Services	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
370 Travel & Training	0.00	[illegible]	150.00	150.00	[illegible]	[illegible]
390 Other Purchased Services	[illegible]	[illegible]	2,500.00	[illegible]	[illegible]	[illegible]
510 Insurance	0.00	1,591.[illegible]	1,400.00	[illegible]	[illegible]	[illegible]
Account Total:	**76,885.93**	**187,806.28**	**28,670.00**	**94,598.04**	**-93,207.44**	**[illegible] %**
430630 Collection and Transmission						
110 Salaries	[illegible]	[illegible]	[illegible]	12,495.00	[illegible]	[illegible]
120 Overtime	[illegible]	541.80	600.00	[illegible]	51.20	[illegible]
210 Supplies	[illegible]	[illegible]	[illegible]	[illegible]	303.17	97 %
340 Utility Services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
360 Repair & Maintenance Services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
390 Other Purchased Services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0.00	[illegible]	50,000.00	50,000.00	49,[illegible]	[illegible]
Account Total:	**3,508.33**	**30,772.38**	**81,170.00**	**81,170.00**	**50,397.62**	**38 %**
430640 Treatment and Disposal						
110 Salaries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
120 Overtime	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
210 Supplies	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
340 Utility Services	[illegible]	[illegible]	13,000.00	[illegible]	[illegible]	[illegible]
360 Repair & Maintenance Services	[illegible]	[illegible]	2,500.00	2,500.00	[illegible]	[illegible]
390 Other Purchased Services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Account Total:	**2,469.98**	**35,369.26**	**44,415.00**	**44,415.00**	**9,045.74**	**80 %**
Account Group Total:	**82,854.24**	**223,947.92**	**154,255.00**	**224,183.84**	**235.92**	**100 %**
490000 Debt Service						
491230 SEWER REVENUE BOND 1996						
610 Principal	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
620 Interest	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Account Total:	**6,874.08**	**13,748.16**	**15,000.00**	**15,000.00**	**1,251.84**	**92 %**
[illegible]						
610 Principal	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
620 Interest	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Account Total:	**0.00**	**15,487.76**	**16,000.00**	**16,000.00**	**512.24**	**97 %**
Account Group Total:	**6,874.08**	**29,235.92**	**31,000.00**	**31,000.00**	**1,764.08**	**94 %**
Fund Total:	**89,728.32**	**253,183.84**	**185,255.00**	**255,183.84**	**2,000.00**	**99 %**

Grand Total:	89,728.32	353,183.84	189,255.00	255,183.84	2,060.50	99 %

APPENDIX S

Montana Structures Shapefile Summary

Phase 3 - Parcel Shapefile Summary

PARCELID	GISAcres	PropertyID	Assessment	LegalDescr	AddressLin	CityStateZ	LevyDistri	PropType	TotalAcres	TotalBuild	TotalLandV	TotalValue	OwnerName	OwnerAddre	OwnerCity	OwnerState	OwnerZipCo	SHAPE_Leng	SHAPE_Area	Phase	Property_T
35309108101010000	0.61153037	72944	3529	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 053, Lot 001 - 008, LESS E 30 FT	617 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.405	85180	28320	113500	KELLY TIMOTHY J & CASEY L	PO BOX 1797	THOMPSON FALLS	MT	59873-1797	888.6196716	26638.26274	Phase 3	Residential
35309108101100000	0.2403162	73206	3628	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 051, Lot 009, BLOCK 53 LOTS 9-11	609 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.18	61378	23422	84800	SHARP GREGORY S	PO BOX 2028	THOMPSON FALLS	MT	59873-2028	425.0803391	10468.17376	Phase 3	Residential
35309108101140000	0.24099322	72463	3328	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 51, Lot 12 - 14, ACRES 0.193	603 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	80792	23708	104500	DELONG PAUL AND DONNA	PO BOX 1238	THOMPSON FLS	MT	59873-1238	428.1266897	10497.66477	Phase 3	Residential
35309108101160000	0.26235534	73241	3644	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 053, Lot 015, LOTS 15-17	604 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.285	73900	25710	99610	ELLUL MICHAEL & JAMIE	PO BOX 2115	THOMPSON FALLS	MT	59873-2115	434.8461567	11428.1984	Phase 3	Residential
35309108101200000	0.26328261	72951	3532	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 053, Lot 018, LOTS 18-20	610 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.285	96390	25710	122100	THOMPSON GARY A & JAN L	PO BOX 1698	THOMPSON FLS	MT	59873-1698	435.1505672	11468.59066	Phase 3	Residential
35309108101230000	0.24155235	72531	3358	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 053, Lot 021 - 023	614 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.285	120510	25710	146220	HART MARSHA LYNN	PO BOX 1521	THOMPSON FALLS	MT	59873-1521	419.8602502	10522.02031	Phase 3	Residential
35309108101250000	0.2551371	73143	3601	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 053, Lot 024, LOTS 24-26 SKYLINE MOD 27X56	622 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.285	72270	25710	97980	BATES PEGGY B &	4362 ROAD X SE	WARDEN	WA	98857-9620	428.90136	11113.77227	Phase 3	Residential
35309108101300000	0.38382653	72543	3364	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 053, Lot 027, LOTS 27-30	626 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.38	71920	27780	99700	CONWAY RICHARD L ETAL	PO BOX 1152	THOMPSON FLS	MT	59873-1152	524.2754009	16719.48376	Phase 3	Residential
35309108102010000	0.41470409	73532	3768	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 054, Lot 001, BLOCK 54 LOTS 1-4 2004 GUERDON 40X73 # GDB0ID2504023ABC DT	625 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.361	104500	27356	131856	HERREID TODD AND ANITA	PO BOX 2497	THOMPSON FLS	MT	59873-2497	546.8974334	18064.51001	Phase 3	Residential
35309108102050000	0.27268863	72654	3413	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 054, Lot 005, LOTS 5-7	CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.285	2570	25710	28280	WORTLEY KARL C & DANIEL	PO BOX 354	THOMPSON FALLS	MT	59873-0354	452.8927941	11878.31658	Phase 3	Vacant
35309108102100000	0.38735908	72656	3414	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 054, Lot 008, LOTS 8-11	617 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.38	28320	27780	56100	WORTLEY KARL C & DANIEL	PO BOX 354	THOMPSON FALLS	MT	59873-0354	522.1782931	16873.36155	Phase 3	Residential
35309108102140000	0.29411767	72649	3411	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 054, Lot 012, LOTS 12-14	605 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.285	1540	25710	27250	WORTLEY KARL C & DANIEL	PO BOX 354	THOMPSON FALLS	MT	59873-0354	465.3626106	12811.76556	Phase 3	Residential
35309108102150000	0.26867885	1446721	3487	THOMPSON FALLS ORIG TOWNSITE 020, BLOCK 054, Lot 015 - 17	305 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.317	81320	26400	107720	CZERWINSKI DOUGLAS J &	PO BOX 1966	THOMPSON FLS	MT	59873-1966	440.5563184	11703.65064	Phase 3	Residential
35309108102190000	0.17193888	72846	3996	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 054, Lot 18 - 19	WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.158	0	22950	22950	CAMPBELL GARY L & SHIRLEY A	PO BOX 91	THOMPSON FLS	MT	59873-0091	375.8659419	7489.657526	Phase 3	Vacant
35309108102200000	0.09071566	73640	3819	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 054, Lot 020	WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.095	0	21570	21570	CAMPBELL GARY LYNN & SHIRLEY A	PO BOX 91	THOMPSON FLS	MT	59873-0091	321.3973014	3951.574339	Phase 3	Vacant
35309108102220000	0.17300436	72363	3285	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 054, Lot 021, LOTS 21-22	616 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.19	32290	23640	55930	CAMPBELL GARY LYNN & SHIRLEY ANN	PO BOX 91	THOMPSON FLS	MT	59873-0091	376.195512	7536.069901	Phase 3	Commercial
35309108102250000	0.37658576	72360	3284	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 054, Lot 023, LOTS 23-27	622 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.411	190554	28446	219000	CAMPBELL GARY LYNN & SHIRLEY ANN	PO BOX 91	THOMPSON FLS	MT	59873-0091	519.5437664	16404.07573	Phase 3	Residential
35309108103010000	0.37749828	73239	3643	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 055, Lot 001, LOTS 1-4	617 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.36	78568	27332	105900	JOHNSON MARK A	55332 HIGHWAY 121	CROFTON	NE	68730-3014	522.6113452	16443.82502	Phase 3	Residential
35309108103100000	0.57227824	72860	3493	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 055, Lot 005, LOTS 5-10	611 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.57	105880	31920	137800	STIMPFLING ELISE M & DANIELS ROBERT W	PO BOX 1974	THOMPSON FALLS	MT	59873-1974	636.5087385	24928.44002	Phase 3	Residential
35309108103150000	0.74283082	72545	3365	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 055, Lot 011, LOTS 11-18	612 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.763	37790	36129	73919	THOME CLINT	317 N RIVER ST	HAILEY	ID	83333-8475	760.4952076	32357.71033	Phase 3	Residential
35309108104010000	0.56494455	72756	3451	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 056, Lot 001, LOTS 1-6	607 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.57	156180	31920	188100	SHAFFORD JED & KARRIE	PO BOX 2471	THOMPSON FLS	MT	59873-2471	640.1087066	24608.98467	Phase 3	Residential
35309108109010000	0.73029989	72868	3496	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 063, Lot 001, LOTS 1-9	517 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.77	89033	36267	125300	KEITH CHERYL A	PO BOX 96	THOMPSON FALLS	MT	59873-0096	736.0460401	31811.86306	Phase 3	Residential
35309108109100000	0.1794065	72380	3293	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 063, Lot 010, ACRES 0.171, 1981 WINDSOR 14X76	511 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	9610	23226	32836	HAND CHRIS	PO BOX 1884	THOMPSON FALLS	MT	59873-1884	390.1764438	7814.947212	Phase 3	Residential
35309108109150000	0.35684123	73559	3781	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 063, Lot 012, THF BL 63 LOTS 12-15	505 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	105448	26952	132400	WILLIAMS BLANCHE	PO BOX 2376	THOMPSON FALLS	MT	59873-2376	501.4699431	15544.00399	Phase 3	Residential
35309108110010000	0.33842336	72477	3334	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 001, LOTS 1-4	WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	34400	26952	61352	DOTY BRYCE W & BONNIE	PO BOX 783	THOMPSON FLS	MT	59873-0783	490.1276583	14741.7215	Phase 3	Residential
35309108110050000	0.23950039	72478	3334	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 005, LOTS 5-7	523 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	8520	25779	34299	DOTY BRYCE W & BONNIE	PO BOX 783	THOMPSON FLS	MT	59873-0783	428.2388622	10432.6372	Phase 3	Residential
35309108110090000	0.16305995	72483	3337	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 064, Lot 09A, AMD LOTS 8-11 LOT 9A, 1971 FUQUA 24X36	507 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	9960	23232	33192	LOEWEN LARAMIE	507 1/2 Woodland Street	THOMPSON FALLS	MT	59873	345.0495704	7102.891224	Phase 3	Residential
35309108110110000	0.17097881	73647	3822	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 10A	507 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	0	23232	23232	LEISZ NAOMI R	PO BOX 1473	TROUT CREEK	MT	59874-1473	351.6096781	7447.836971	Phase 3	Residential
35309108110130000	0.17258327	72428	3313	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, LOTS 12-13	505 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	0	23226	23226	HOFMEISTER ROBERT & DONNA L	3093 WOODS DR	LAS VEGAS	NV	89108-4208	386.2360252	7517.727057	Phase 3	Residential
35309108110150000	0.18196308	72491	3341	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 14 - 15	217 E 4TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.171	0	23226	23226	HOFMEISTER ROBERT A & DONNA L	3093 WOODS DR	LAS VEGAS	NV	89108-4208	392.0942975	7926.311648	Phase 3	Residential
35309108110180000	0.25193424	72631	3403	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 016, LOTS 16-18	504 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	150960	25089	176049	GAMBREL ROBERT DEE & CAROL ANN	13910 N FRIENDSHIP LN	NINE MILE FALLS	WA	99026-8730	431.1907498	10974.25569	Phase 3	Residential
35309108110200000	0.40895988	73907	3907	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 019 - 23, ACRES 0.428	508 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.428	113985	28815	142800	MCGAUGHEY MICHELLE A	PO BOX 1612	THOMPSON FALLS	MT	59873-1612	533.8451397	17814.29246	Phase 3	Residential
35309108110250000	0.22909397	73507	3758	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 024, LOTS 24-26	520 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.257	0	25089	25089	BLOUIN DENNIS E	PO BOX 442	LYLE	WA	98635-0010	416.0891481	9979.3334	Phase 3	Residential
35309108110270000	0.16285608	73510	3759	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 027, LOTS 27-28	524 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	9820	23226	33046	THOMAS JAMES & TRACY	PO BOX 2385	THOMPSON FLS	MT	59873-2385	372.6312007	7094.010648	Phase 3	Residential
35309108110300000	0.16048409	72219	3219	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 064, Lot 029, LOTS 29-30	208 E 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	65574	23226	88800	RICHMOND LISA LORRAINE	PO BOX 504	THOMPSON FLS	MT	59873-0504	371.08057	6990.68687	Phase 3	Residential
35309108111010000	0.34706983	73180	3618	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 1 - 4, ROS 68	523 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	103548	26952	130500	HAMEL KELLY	PO BOX 751	THOMPSON FALLS	MT	59873-0751	497.3167244	15118.3617	Phase 3	Residential
35309108111050000	0.24513548	72312	3260	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 005 - 007, ACRES 0.257	521 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	78411	25089	103500	BUTLER CHARLES V & DONNA M	PO BOX 2314	THOMPSON FALLS	MT	59873-2314	434.840077	10678.10152	Phase 3	Residential
35309108111100000	0.24759227	72898	3509	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 008, LOTS 8-10	515 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	9060	25089	34149	HEDAHL WESLEY A	PO BOX 1085	THOMPSON FALLS	MT	59873-1085	436.0890033	10785.11939	Phase 3	Residential
35309108111120000	0.18879522	72467	3330	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 011, LOTS 11-12	509 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	80374	23226	103600	CURRY, HARRY SCOTT & CELESTE A	PO BOX 1869	THOMPSON FLS	MT	59873-1869	399.7385893	8223.919756	Phase 3	Residential
35309108111150000	0.26355168	72770	3457	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 013, LOTS 13-15	315 E 4TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	70711	25089	95800	CHRISTIAN MARJORIE	PO BOX 1071	THOMPSON FLS	MT	59873-1071	445.3932887	11480.31105	Phase 3	Residential
35309108111200000	0.42305361	72616	3394	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 016, LOTS 16-20	506 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.421	19200	28680	47880	FRANK DOROTHY M	PO BOX 1844	THOMPSON FLS	MT	59873-1844	543.2354204	18428.21524	Phase 3	Residential
35309108111250000	0.54384071	73008	3553	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 021, LOTS 21-27	524 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.592	94915	32385	127300	HEISE RONDA R	PO BOX 158	THOMPSON FLS	MT	59873-0158	623.1502402	23689.70133	Phase 3	Residential
35309108111300000	0.23157591	73187	3621	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 065, Lot 028, LOTS 28-30	308 E 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.253	96492	25008	121500	HART MITZI LEE	PO BOX 1922	THOMPSON FLS	MT	59873-1922	416.2398448	10087.44682	Phase 3	Residential
35309108112010000	0.24187583	73228	3638	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 066, Lot 1 - 3, 1971 BIG SKY 14X66	414 E 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	7580	25089	32669	COX EVELYN L	PO BOX 97	THOMPSON FLS	MT	59873-0097	427.9654542	10536.11096	Phase 3	Residential
35309108112050000	0.47774497	73445	3731	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 066, Lot 004, LOTS 4-9	519 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.513	0	30678	30678	MERRIMAN TROY & APRIL	PO BOX 1946	THOMPSON FALLS	MT	59873-1946	577.909452	20810.57106	Phase 3	Residential
35309108112080000	0.17596341	1556396	3203	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 066, - 11, LOTS 10 & 11	509 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	0	23223	23223	GEORGE D & LINDA J ELLIOTT REVOCABLE LIVING TRUST	PO BOX 884	THOMPSON FALLS	MT	59873-0884	384.8398658	7664.966041	Phase 3	Residential
35309108112100000	0.34024362	72178	4021	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 066, Lot 12 - 15	509 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	97154	26946	124100	FARGHER RICHARD J & VALERIE A	PO BOX 1573	THOMPSON FALLS	MT	59873-1573	489.8439482	14821.01212	Phase 3	Residential

35309108112200000	0.49822756	72374	3291	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 066, Lot 016, LOTS 16-21	407 E 4TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.513	156122	30678	186800	JUNGE GUNNER AND BETH	PO BOX 591	THOMPSON FLS	MT	59873-0591	593.5123215	21702.79258	Phase 3	Residential
35309108112250000	0.29738759	73354	3693	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 066, Lot 022, LOTS 22-25	520 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	124770	26952	151722	WIECKOWSKI SHERRY	PO BOX 1595	THOMPSON FLS	MT	59873-1595	459.2660456	12954.20329	Phase 3	Residential
35309108112300000	0.3846587	73446	4010	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 066, Lot 026, LOTS 26-30	528 CLAY	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.428	85985	28815	114800	BARAJAS JESU C	PO BOX 131	PARADISE	MT	59856-0131	517.7696212	16755.73297	Phase 3	Residential
35309108113010000	0.41120075	72831	3481	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 067, Lot 001 - 005, ACRES 0.38	508 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.38	0	27785	27785	GARRETT CRAIG	PO BOX 182	LOMPOC	CA	93438-0182	750.5453601	17911.90476	Phase 3	Residential
35309108113070000	0.24531264	72839	3484	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 067, Lot 006, LOTS 6-8 LESS PT OF 8	504 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.245	75663	24837	100500	BURRELL DONALD W	PO BOX 455	THOMPSON FALLS	MT	59873-0455	425.8432371	10685.8186	Phase 3	Residential
35309108114010000	0.16551887	67796	28028	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 068, Lot 001, LOTS 1-2			35-0804-2C	EP - Exempt Property	0	0	0	0	DISTRICT JUDGE	GENERAL DELIVERY	THOMPSON FLS	MT	59873-9999	490.4539228	7210.001971	Phase 3	Exempt
35309108114040000	0.17196192	73939	3936	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 068, Lot 003, LOTS 3-4	416 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.173	0	23267	23267	CLARK ROBERT L & RICKI	1101 ALAMEDA DR	JACKSONVILLE	TX	75766-2751	351.1087993	7490.661224	Phase 3	Vacant
35309108114070000	0.25950474	72640	3407	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 068, Lot 005, LOTS 5-7	ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.258	0	25128	25128	SNIDER JOHN & ROSA	PO BOX 418	THOMPSON FALLS	MT	59873-0418	432.6625117	11304.02659	Phase 3	Vacant
35309108114100000	0.43086132	72541	3363	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 068, Lot 008, LOTS 8-12	408 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.434	130	28950	29080	SNIDER JOHN & ROSA	PO BOX 418	THOMPSON FALLS	MT	59873-0418	548.0743965	18768.31921	Phase 3	Residential
35309108114150000	0.42451141	73160	3609	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 068, Lot 013, LOTS 13-17	416 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.434	0	28950	28950	WILSON JOHN VESTON & MELISSA LYNN	PO BOX 1997	THOMPSON FLS	MT	59873-1997	544.1820143	18491.71722	Phase 3	Residential
35309108114190000	0.16962919	73277	3658	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 068, Lot 018, LOTS 18-19	422 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.174	0	23280	23280	WILSON JOHN VESTON & MELISSA LYNN	PO BOX 1997	THOMPSON FLS	MT	59873-1997	386.8187773	7389.04734	Phase 3	Vacant
35309108114220000	0.24166791	73279	3659	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 068, Lot 020, LOTS 20-22	426 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.26	213510	25170	238680	WILSON JOHN VESTON & MELISSA LYNN	PO BOX 1997	THOMPSON FLS	MT	59873-1997	431.6596375	10527.05425	Phase 3	Residential
35309108115010000	0.39206149	73568	3784	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 069, Lot 001, LOTS 1-5	CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.428	0	28815	28815	WOLLASTON DEAN	4081 BRAELLAN LN	HAZEL GREEN	WI	53811-9328	523.0048148	17078.19858	Phase 3	Vacant
35309108115100000	0.56385504	73377	3702	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 69, Lot 6 - 12, ACRES 0.599	415 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.599	157359	32541	189900	STONE-HAMMOND DE ANN	2080 S FLYING HEART LN	TUCSON	AZ	85713-7309	634.6747874	24561.52538	Phase 3	Residential
35309108115150000	0.25234049	72527	3357	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 069, Lot 013, LOTS 13-15, ASSR # 0000003357	403 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	75411	25089	100500	EPPERSON ZACHARY R	PO BOX 1387	THOMPSON FALLS	MT	59873-1387	431.3958572	10991.9517	Phase 3	Residential
35309108115160000	0.31694157	1426663	3661	THOMPSON FALLS ORIG TOWNSITE, S8, T21, R29, BLOCK 069, Lot 016, LOTS 16-19 2013 MARLETTE 16X68	405 E 3RD AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	59740	26952	86692	LANIER LINDA L	PO BOX 2192	THOMPSON FALLS	MT	59873-2192	473.8546853	13805.97485	Phase 3	Residential
35309108115170000	0.16658775	1558854	3993	THOMPSON FALLS ORIG TOWNSITE, S8, T21 N, R29 W, BLOCK 69, Lot 20 - 21	CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.171	0	23223	23223	KNERR ARCHIE JOHN & BRIDGET D	PO BOX 1143	THOMPSON FALLS	MT	59873-1143	375.2688981	7256.562209	Phase 3	Residential
35309108115200000	0.24159161	73284	4025	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 69, AMD LOT 22 & 23 COS 3459	416 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.171	44490	23223	67713	KNERR ARCHIE JOHN	PO BOX 1143	THOMPSON FLS	MT	59873-1143	423.9722311	10523.73041	Phase 3	Residential
35309108115270000	0.17095793	1558855	3993	THOMPSON FALLS ORIG TOWNSITE, S8, T21 N, R29 W, BLOCK 69, Lot 25 - 26			35-0804-2C	VAC_U - Vacant Land - Urban	0.171	0	23223	23223	KNERR ARCHIE JOHN & BRIDGET D	PO BOX 1143	THOMPSON FALLS	MT	59873-1143	377.1741837	7446.927337	Phase 3	Residential
35309108115300000	0.30146765	73286	3995	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 069, Lot 027, LOTS 27-30	404 E 4TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.347	0	27060	27060	MCEWEN ARTHUR H	PO BOX 1441	THOMPSON FLS	MT	59873-1441	462.9930649	13131.93095	Phase 3	Residential
35309108116010000	0.3471302	72367	3287	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 070, Lot 001, 1854 LOTS 1-2 & AMD 3	427 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	112448	26952	139400	SNELL STEVEN M & LISA V	PO BOX 1341	THOMPSON FLS	MT	59873-1341	496.5791171	15120.99131	Phase 3	Residential
35309108116050000	0.15153087	72796	3468	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 070, Lot 005, AMD LOTS 5-6	421 CLAY	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.171	0	23226	23226	BAYLOR CAROL E	PO BOX 281	THOMPSON FLS	MT	59873-0281	375.5293213	6600.684854	Phase 3	Residential
35309108116080000	0.17680178	72408	3304	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 070, Lot 007, LOTS 7-8	CLAY	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.171	0	23226	23226	COMMERS DARLENE E	PO BOX 592	THOMPSON FLS	MT	59873-0592	390.9350242	7701.485501	Phase 3	Vacant
35309108116100000	0.24317325	72409	3304	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 070, Lot 009, LOTS 9-11	415 CLAY	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	64211	25089	89300	COMMERS DARLENE E	PO BOX 592	THOMPSON FLS	MT	59873-0592	431.8342096	10592.62659	Phase 3	Residential
35309108116150000	0.35143641	72783	3463	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 070, Lot 012, LOTS 12-15	311 E 3RD AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	129430	26952	156382	HUNTLEY HARLEY L	PO BOX 1434	THOMPSON FALLS	MT	59873-1434	498.7019505	15308.57021	Phase 3	Residential
35309108116200000	0.41417849	73534	3770	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 070, Lot 16 - 20, ACRES 0.421	307 E 3RD AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.421	61920	28680	90600	HUNTLEY HARLEY & CROSBY MICHAEL	PO BOX 1434	THOMPSON FALLS	MT	59873-1434	537.2812229	18041.61505	Phase 3	Residential
35309108116230000	0.31985795	73758	3835	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 070, Lot 021, LOTS 21-24	420 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.337	0	26844	26844	CLARK STEVEN J	PO BOX 223	THOMPSON FLS	MT	59873-0223	475.6211767	13933.01221	Phase 3	Residential
35309108116270000	0.24305395	73873	3888	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 070, Lot 025, LOTS 25-27, ASSR #0000003888	WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.253	0	18756	18756	MITCHELL MARTHA A	3380 MT HIGHWAY 200	TROUT CREEK	MT	59874-9504	425.1560755	10587.43027	Phase 3	Vacant
35309108116300000	0.22674641	72517	3352	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 70, Lot 28 - 30, 1973 CENTURY 14X66	428 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.253	14080	25008	39088	ADAMS ROBERT D & BRUCE W	PO BOX 1915	THOMPSON FALLS	MT	59873-1915	414.3478816	9877.073522	Phase 3	Residential
35309108117010000	0.34095811	72737	3444	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 001, LOT 1 & AMD 2A	427 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	128411	25089	153500	WITTERS JEAN M	427 WOODLAND ST	THOMPSON FALLS	MT	59873-9330	491.7848124	14852.13517	Phase 3	Residential
35309108117050000	0.22987208	72857	3492	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 004, AMD 4A & 5-6	421 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	123311	25089	148400	DENSON CHARLES C & KRISTI L	PO BOX 722	THOMPSON FLS	MT	59873-0722	421.9673162	10013.22795	Phase 3	Residential
35309108117070000	0.07292256	1446725	3251	THOMPSON FALLS ORIG TOWNSITE 020, BLOCK 071, Lot 07	WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.086	0	1863	1863	GARCIA ALISA R & LUIS T	15620 DUBUQUE RD	SNOHOMISH	WA	98290-9795	323.4229111	3176.506527	Phase 3	Vacant
35309108117100000	0.26188127	72292	3251	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 8 - 11, ACRES 0.342	413 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	143148	26952	170100	GARCIA ALISA R & LUIS T	15620 DUBUQUE RD	SNOHOMISH	WA	98290-9795	441.9858303	11407.54799	Phase 3	Residential
35309108117150000	0.34855761	72988	4005	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 012, LOTS 12-15	403 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	54348	26952	81300	STOUT JOSEPH E	PO BOX 1241	THOMPSON FLS	MT	59873-1241	496.3977701	15183.1697	Phase 3	Residential
35309108117180000	0.33655951	72989	3545	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 016, LOTS 16-19	406 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	104040	26952	130992	PETTY THURMAN C & MARTHA A	PO BOX 1064	THOMPSON FALLS	MT	59873-1064	486.7069609	14660.53238	Phase 3	Residential
35309108117200000	0.07841524	73477	3746	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 020	GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.086	0	21363	21363	LOFTHUS GILLIAN M & JOSHUA J	PO BOX 1961	THOMPSON FLS	MT	59873-1961	318.3502859	3415.767852	Phase 3	Vacant
35309108117240000	0.32074862	73149	3604	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 021, LOTS 21-24	414 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	150048	26952	177000	LOFTHUS GILLIAN M & JOSHUA J	PO BOX 1961	THOMPSON FLS	MT	59873-1961	476.3057814	13971.80986	Phase 3	Residential
35309108117300000	0.47158048	72230	3225	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 071, Lot 025, LOTS 25-30	424 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.513	139122	30678	169800	BEITZ VICKIE L	PO BOX 21	THOMPSON FLS	MT	59873-0021	574.739162	20542.04562	Phase 3	Residential
35309108118010000	0.49013799	72224	3222	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 072, Lot 001 - 04	425 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.342	130754	26946	157700	SCHARFE MICHAEL R & LACEY R	PO BOX 1918	THOMPSON FALLS	MT	59873-1918	585.2246665	21350.41097	Phase 3	Residential
35309108118100000	0.26264446	72622	3397	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 072, Lot 007, ACRES 0.257, LOTS 7-9	417 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.257	0	25089	25089	GROH DIANE HELEN	PO BOX 903	THOMPSON FALLS	MT	59873-0903	442.3691139	11440.79288	Phase 3	Residential
35309108118130000	0.2353008	73938	3935	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 72, Lot 10, THF BLOCK 72 LOTS 10-12	GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.257	0	25089	25089	DOTY JESSE L & KATHI M	PO BOX 812	THOMPSON FLS	MT	59873-0812	425.1894403	10249.70301	Phase 3	Vacant
35309108118150000	0.26640739	72480	3336	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 072, Lot 013, LOTS 13-15	403 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.257	152311	25089	177400	DOTY JESSE L & KATHI M	PO BOX 812	THOMPSON FLS	MT	59873-0812	444.6691106	11604.70574	Phase 3	Residential
35309108125010000	0.48300637	72942	3528	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 040, Lot 001, LOTS 1-5	GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.482	0	29988	29988	MOSHER JOHN W & BARBARA L	PO BOX 2	THOMPSON FLS	MT	59873-0002	580.8149677	21039.7573	Phase 3	Vacant
35309108125070000	0.23703114	72931	3524	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 040, Lot 006, LOTS 6-7 & N2 LOT 8	315 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.241	3360	24744	28104	MOSHER JOHN & BARBARA	PO BOX 2	THOMPSON FLS	MT	59873-0002	426.2412829	10325.07635	Phase 3	Residential
35309108125100000	0.54209704	72173	3201	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 040, Lot 009, LOTS 9-13 & S2 LOT 8	305 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.532	132608	31092	163700	LACY JERRY	PO BOX 1408	THOMPSON FALLS	MT	59873-1408	617.9336972	23613.74724	Phase 3	Residential
35309108126010000	2.66942743	73610	3807	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 039, Lot ALL			35-0804-2C	EP - Exempt Property	2.688	0	78046	78046	CEMETARY	GENERAL DELIVERY	THOMPSON FLS	MT	59873-9999	1379.350561	116280.259	Phase 3	Exempt
35309108127010000	0.77885562	72963	3535	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 038, Lot 001, LOT 1-8			35-0804-2C	EP - Exempt Property	0.771	0	36300	36300	LONE STAR LODGE #33 IOOF	PO BOX 141	THOMPSON FLS	MT	59873-0141	765.5819574	33926.95087	Phase 3	Exempt
35309108127100000	0.48413292	72761	3453	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 038, Lot 009, LOTS 9-13 1984 SILVERCREST 14X66	303 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.482	29810	29988	59798	BUTLER JOHN & DONNA	16 JOHN PETERSON RD	OMAK	WA	98841-9393	581.5058326	21088.82995	Phase 3	Residential
35309108127150000	0.47249874	72964	4024	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 038, Lot 014, LOTS 14-18	304 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.482	125960	29988	155948	PERKINS BROCK & BROOK	PO BOX 392	THOMPSON FALLS	MT	59873-0392	574.9563505	20582.04492	Phase 3	Vacant

353091081272000000	0.75159845	72965	3535	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 038, Lot 019, LOTS 19-26			35-0804-2C	EP - Exempt Property	0.763	0	36113	36113	LONE STAR LODGE #33 IOOF	PO BOX 141	THOMPSON FLS	MT	59873-0141	755.8622082	32739.62853	Phase 3	Exempt
353091081280100000	0.17685923	73152	3605	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot 001, LOTS 1-2	CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.193	0	23709	23709	NAEGELI WILLIAM D	23 NAEGELI RD	TROUT CREEK	MT	59874-9676	381.2208457	7703.988139	Phase 3	Vacant
353091081280400000	0.18553203	72697	3429	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot 003, LOTS 3-4	319 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	122291	23709	146000	HAMILTON JOHN E JR &	PO BOX 871	THOMPSON FLS	MT	59873-0871	386.6720007	8081.775435	Phase 3	Residential
353091081280600000	0.18606639	72209	3215	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot 005, LOTS 5-6	CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.193	0	23709	23709	KEEFE RHODA M	PO BOX 1681	THOMPSON FLS	MT	59873-1681	386.6526462	8105.05196	Phase 3	Vacant
353091081280800000	0.18922495	72211	3215	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot 007, LOTS 7-8	313 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	106591	23709	130300	KEEFE RHODA M	PO BOX 1681	THOMPSON FLS	MT	59873-1681	388.3592143	8242.638858	Phase 3	Residential
353091081281200000	0.45572638	73221	3635	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot 009, 1984 CONCHEMCO 14X77	307 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.482	26360	29988	56348	VOLD JOY NICOLE	PO BOX 1864	THOMPSON FALLS	MT	59873-1864	564.9910052	19851.44109	Phase 3	Residential
353091081281700000	0.47386576	72733	3443	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot 014, LOTS 14-18			35-0804-2C	IMP_U - Improved Property - Urban	0.482	27420	29988	57408	GOETZ PAUL F & VIOLA M	5 BAYVIEW CT	THOMPSON FLS	MT	59873-9543	575.5360387	20641.59253	Phase 3	Residential
353091081282000000	0.14139081	72213	3216	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot AMD 19A, LOT 19 AND S 15.46' OF LOT 20 COS 1150	314 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.145	34234	22666	56900	CARTER LILLIAN R	PO BOX 1103	THOMPSON FALLS	MT	59873-1103	361.8463564	6158.983818	Phase 3	Residential
353091081282100000	0.1430045	72739	3216	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot AMD 21A, COS 1150 LOT 21 AND N 15' OF LOT 20	CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.145	0	22666	22666	CARTER LILLIAN R	PO BOX 1103	THOMPSON FALLS	MT	59873-1103	362.4853937	6229.276205	Phase 3	Vacant
353091081282500000	0.46926011	73098	3590	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 037, Lot 022 - 026	324 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.482	87012	29988	117000	MCGUIGAN A L	PO BOX 51	THOMPSON FLS	MT	59873-0051	572.8841174	20440.97021	Phase 3	Residential
353091081290100000	0.27274446	73383	3705	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 087, Lot 001, LOTS 1-3	329 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.254	84770	25030	109800	TAYLOR JANE	PO BOX 211	THOMPSON FLS	MT	59873-0211	449.7599284	11880.74887	Phase 3	Residential
353091081291000000	0.57867905	73519	3762	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 087, Lot 004, LOTS 4-10	317 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.595	63850	32450	96300	HARRIS THOMAS L & TERRY R	PO BOX 1741	THOMPSON FLS	MT	59873-1741	640.4229265	25207.25934	Phase 3	Residential
353091081291500000	0.41115748	73259	3652	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 087, Lot 011 - 015, ACRES 0.424	305 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.424	0	28740	28740	THOMPSON FALLS CHRISTIAN CHURCH	PO BOX 33	THOMPSON FALLS	MT	59873-0033	535.6964161	17910.01985	Phase 3	Residential
353091081291800000	0.23865272	73962	3956	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 087, Lot 016, LOTS 16-18	306 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	0.254	327770	25030	352800	CHRISTIAN CHURCH OF T FALLS	PO BOX 33	THOMPSON FALLS	MT	59873-0033	426.2018044	10395.7125	Phase 3	Commercial
353091081292000000	0.24740579	73963	3956	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 087, Lot 019, LOTS 19-23			35-0804-2C	EP - Exempt Property	0.424	0	28737	28737	CHRISTIAN CHURCH OF T FALLS	PO BOX 33	THOMPSON FALLS	MT	59873-0033	432.1635534	10776.9961	Phase 3	Commercial
353091081292500000	0.41066166	73192	3623	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 087, Lot 24 - 26, 1981 MEDALLION 16X80	318 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.254	0	25030	25030	YODER JOEL & ERMA E	30 BARRY LN	NOXON	MT	59853-9776	535.3401726	17888.4221	Phase 3	Residential
353091081293000000	0.24039394	73583	3791	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 087, Lot 028 - 30	330 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.256	89435	25065	114500	PARDEE CHAD S & LEANNA	PO BOX 1755	THOMPSON FLS	MT	59873-1755	428.6573215	10471.55987	Phase 3	Residential
353091081293000000	0.11582327	73583	3791	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 087, Lot 028 - 30	330 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.256	89435	25065	114500	PARDEE CHAD S & LEANNA	PO BOX 1755	THOMPSON FLS	MT	59873-1755	350.2767379	5045.261851	Phase 3	Vacant
353091081300100000	0.25757839	72722	3439	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 088, Lot 001, LOTS 1-3	607 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.249	68977	24923	93900	SHARP RONALD G & BONNIE M	PO BOX 92	THOMPSON FLS	MT	59873-0092	597.0071557	11220.11471	Phase 3	Residential
353091081310100000	0.22695298	72772	3458	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 089, Lot 001, PRT LOT 1 , LOTS 20 & N2 LOT 19	608 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.108	65737	21863	87600	ARRANTS STANLEY E & EVA L	PO BOX 1297	TROUT CREEK	MT	59874-1297	579.8803178	9886.071624	Phase 3	Residential
353091081311000000	0.46158496	72614	3393	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 089, Lot 002, LOTS 2 & 14-18 & S2 19 & PRT LOT 1	216 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.557	2350	31628	33978	VULLES MICHAEL B	PO BOX 74	THOMPSON FALLS	MT	59873-0074	665.4999006	20106.64091	Phase 3	Residential
353091081312000000	0.6727893	76327	5729	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 089, Lot 003, LOTS 3-13	ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	0	0	19501	19501	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	704.4943245	29306.70178	Phase 3	Exempt
353091081320100000	0.29689468	72800	3470	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 090, Lot 001, LOTS 1-3	514 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.289	54600	25800	80400	THORNHILL ROBERT & BRENDA	3048 MT HIGHWAY 200	TROUT CREEK	MT	59874-9596	463.6227426	12932.73209	Phase 3	Residential
353091081320500000	0.35373022	73047	3570	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 090, Lot 004 - 006, ACRES 0.361, & AMD 7A	221 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.361	136044	27356	163400	STOVER JEREMY R & SARAH LYNN	PO BOX 1073	THOMPSON FALLS	MT	59873-1073	499.256054	15408.48853	Phase 3	Residential
353091081321000000	0.66325053	72611	3392	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 090, LOTS 8A & 9-15 COS 1272	215 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.731	95976	35424	131400	RYDER MICHAEL A	22 W CENTER ST	BUTTE	MT	59701-8404	702.6834676	28891.19292	Phase 3	Residential
353091081322000000	0.52019282	72694	3428	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 090, Lot 016, LOTS 16-21	202 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.562	108960	31740	140700	HAMEL RONALD & KELLY J	PO BOX 751	THOMPSON FALLS	MT	59873-0751	612.242407	22659.59925	Phase 3	Residential
353091081322500000	0.34949479	72494	3342	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 090, Lot 022, LOTS 22-25	208 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	0.386	127700	27900	155600	SHEAR CATHY L	PO BOX 1082	THOMPSON FALLS	MT	59873-1082	495.8871116	15223.99289	Phase 3	Commercial
353091081323000000	0.57498646	72354	3281	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 090, Lot 026, THF BK 90 LOTS 26-31	214 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.579	220990	32100	253090	SAINT LLC	8 RACCOON LN	THOMPSON FLS	MT	59873-9544	639.964221	25046.41013	Phase 3	Residential
353091081330100000	0.34270011	72688	3426	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 002, LOTS 1-4	414 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	0.288	408880	25779	434659	PENTECOSTAL CHURCH OF GOD	PO BOX 1358	THOMPSON FLS	MT	59873-1358	489.7401218	14928.01659	Phase 3	Commercial
353091081330800000	0.34665715	73426	3723	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 005, LOTS 5-8	207 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.387	137782	27918	165700	LILLY MICHAEL	207 CHURCH STREET	THOMSPSON FALLS	MT	59873	492.1330445	15100.38527	Phase 3	Residential
353091081331100000	0.26797497	0							0	0	0	0						438.8420681	11672.98957	Phase 3	Residential
353091081331400000	0.27781857	72514	3351	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 009, LOTS 09-14	219 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.577	151542	32058	183600	DYKSTRA DAVID H & ERLICE MAY TRUSTEES	PO BOX 173	THOMPSON FLS	MT	59873-0173	445.2626673	12101.77672	Phase 3	Residential
353091081331800000	0.3050794	72515	3351	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 015, LOTS 15-18	201 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.342	0	26953	26953	DYKSTRA DAVID H & ERLICE MAY TRUSTEES	PO BOX 173	THOMPSON FLS	MT	59873-0173	469.5252026	13289.25848	Phase 3	Vacant
353091081332300000	0.23324102	72305	3257	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 15, Lot 19 - 21, ACRES 0.269	104 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.269	55635	25365	81000	RANDALL MARY ANN	304 HIBERTA ST	MISSOULA	MT	59804-1150	429.8417252	10159.97879	Phase 3	Residential
353091081332400000	0.23842497	1468462	3999	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 15, Lot 22 - 23, ACRES 0.193	110 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.193	0	23700	23700	VOLKMAN TERRY	PO BOX 2321	THOMPSON FALLS	MT	59873-2321	427.9587215	10385.79181	Phase 3	Residential
353091081332500000	0.20442228	72620	3396	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 024, LOT 24 & AMD 25	204 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.2	76453	23847	100300	SCHAEFER RAYMOND J & JUDITH H	4926 MT HIGHWAY 200	THOMPSON FLS	MT	59873-9542	406.1469113	8904.634479	Phase 3	Residential
353091081332900000	0.38387517	73224	3636	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 026, THF BL 15 AMD LOT 26 & LOTS 27-29	210 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.38	100920	27780	128700	HAUGHTON LUCILLE	PO BOX 306	THOMPSON FALLS	MT	59873-0306	518.4821591	16721.60248	Phase 3	Residential
353091081333300000	0.36894404	72789	3466	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 030, LOTS 30-33 1972 CHAMPION 14X60	218 CLAY	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.387	11110	27918	39028	WILBURN CLYDE	PO BOX 207	HERON	MT	59844-0207	508.7792689	16071.20227	Phase 3	Residential
353091081333500000	0.1742631	73493	3752	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 034, 1964 REDMAN 10X47	222 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	7190	23709	30899	CAMPBELL STEFANEY	PO BOX 2481	RANCHO MIRAGE	CA	92270-1087	385.225485	7590.900837	Phase 3	Residential
353091081333700000	0.18748824	73036	3566	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 015, Lot 036, LOTS 36-37	228 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	8600	23708	32308	SWOPE ALICE & FLOYD &	PO BOX 1472	THOMPSON FALLS	MT	59873-1472	393.2390741	8166.987723	Phase 3	Residential
353091081340100000	0.18911935	72469	3331	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 001, LOTS 1-2	225 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	63891	23709	87600	DODGE RONALD L	PO BOX 393	THOMPSON FLS	MT	59873-0393	395.5487626	8238.038826	Phase 3	Residential
353091081340300000	0.16440925	72700	3430	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 03A	221 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.183	120315	23485	143800	GUNN GERALD & ABEL F	PO BOX 813	THOMPSON FALLS	MT	59873-0813	347.2064515	7161.667078	Phase 3	Residential
353091081340500000	0.10964119	73642	3820	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 05A	219 CLAY CLF	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.132	55234	22366	77600	CHUBB BILLIE	PO BOX 607	THOMPSON FLS	MT	59873-0607	304.6468289	4775.970045	Phase 3	Residential
353091081341000000	0.45126847	73334	3684	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 006, S 22.46 LOT 6, ALL LOTS 7-9, AMD LOT 10	211 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.44	63309	29091	92400	REPP JULIE KENDALL	PO BOX 85	THOMPSON FLS	MT	59873-0085	560.951634	19657.25435	Phase 3	Residential
353091081341200000	0.19872492	73486	3749	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 016, Lot 011, S 5.6' LOT 10, LOT 11 & N 27.46' LOT 12 COS 1152	205 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.203	123084	23916	147000	BUCKLES MARTIN A & LINDA M	PO BOX 1833	THOMPSON FALLS	MT	59873-1833	400.7102474	8656.457365	Phase 3	Residential
353091081341400000	0.29706659	72844	3486	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 013 - 015, & S 3' LOT 12 COS 1152	201 CLAY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.298	57814	25986	83800	JOHNSTON ANDREW L & COMMERS KENNETH	2902 E WOOLARD RD	COLBERT	WA	99005-9339	462.9655819	12940.22074	Phase 3	Residential
353091081342000000	0.51348958	73453	3734	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 016, LOTS 16-21	CLAY	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.675	52788	34212	87000	TRAIN PROPERTIES LLC	4521 MT HIGHWAY 200	THOMPSON FALLS	MT	59873-9540	604.3323592	22367.60621	Phase 3	Residential
353091081342600000	0.41284666	72442	3319	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 022, LOTS 22-26	108 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.424	96273	28727	125000	GREAVES JAMES M	PO BOX 1867	THOMPSON FLS	MT	59873-1867	539.2006204	17983.60068	Phase 3	Residential

353091081342900000	0.29318162	72926	3522	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 027, LOTS 27-29	114 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	66421	25779	92200	HILL ROBB T & ALICIA	PO BOX 312	THOMPSON FLS	MT	59873-0312	460.5062437	12770.9912	Phase 3	Residential
353091081343000000	0.09449377	72842	3485	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 030	204 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.095	0	2070	2070	BOOTHE EDDIE DOWELL & JUDITH ANN	PO BOX 2501	THOMPSON FALLS	MT	59873-2501	333.9630017	4116.148561	Phase 3	Residential
353091081343200000	0.20145968	73430	3725	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 031, LOTS 31-32	204 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	58491	23709	82200	BOOTHE EDDIE DOWELL & JUDITH ANN	PO BOX 2501	THOMPSON FALLS	MT	59873-2501	401.8863875	8775.583791	Phase 3	Residential
353091081343400000	0.19165917	72600	3387	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 033, THOMPSON FALLS ORIGINAL BL 16 LOTS 33-34	208 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	49091	23709	72800	HOLDEN GENEVA	PO BOX 1344	THOMPSON FALLS	MT	59873-1344	395.4032676	8348.673503	Phase 3	Residential
353091081343700000	0.28904256	72598	3386	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 035, LOTS 35-37	212 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	68921	25779	94700	KULAWINSKI STEPHEN P	PO BOX 2018	THOMPSON FALLS	MT	59873-2018	457.3609263	12590.6941	Phase 3	Residential
353091081343900000	0.16769761	72701	3430	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 038, LOTS 38-39	230 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	780	23709	24489	GUNN GERALD & ABEL F	PO BOX 813	THOMPSON FALLS	MT	59873-0813	379.5549317	7304.907683	Phase 3	Residential
353091081344300000	0.35792571	73623	3813	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 016, Lot 040, LOTS 40-=43	222 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.387	112082	27918	140000	FRANK ROBERT L & ANGELA M	PO BOX 422	THOMPSON FLS	MT	59873-0422	501.227296	15591.24381	Phase 3	Residential
353091081350100000	0.27269093	73141	3600	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 001, LOTS 1-3 1979 LIBERTY 14X54 K183470 DETITLE 06	214 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	18030	25779	43809	VAN VALKENBURG THOMAS H JR & DELLA R	PO BOX 1323	THOMPSON FALLS	MT	59873-1323	448.4676425	11878.41709	Phase 3	Residential
353091081350600000	0.26918276	72835	3483	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 004, BLOCK 35 LOTS 4-6 1978 GALLATIN/LAKE 18X60 AS REAL 2006	215 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	12550	25779	38329	BARRUS TRAVIS	PO BOX 1866	THOMPSON FALLS	MT	59873-1866	446.2353362	11725.60097	Phase 3	Residential
353091081350900000	0.296622	72371	3289	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 007, LOTS 7-9	211 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	74921	25779	100700	PARKER NOLAN F & LINDA L	PO BOX 32	THOMPSON FLS	MT	59873-0032	463.4205523	12920.8545	Phase 3	Residential
353091081351300000	0.37561376	73246	3646	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 010 - 13	207 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.387	0	27918	27918	WILLIAMS ALEXANDER LEE & THOMAS JAMES	PO BOX 891	THOMPSON FALLS	MT	59873-0891	513.1722804	16361.73519	Phase 3	Residential
353091081351500000	0.18031643	73495	3753	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 014, LOTS 14-16 BLK 35	202 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	14230	25779	40009	DEXTER SHARON	PO BOX 2196	THOMPSON FLS	MT	59873-2196	385.9172908	7854.583608	Phase 3	Residential
353091081352000000	0.47469972	73538	3771	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 17, THF BLK 35 LOTS 17-20	214 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.387	15390	27918	43308	BRIGHT CANDACE	PO BOX 97	HERON	MT	59844-0097	576.4694115	20677.91993	Phase 3	Residential
353091081352200000	0.17492803	72432	3315	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 021, LOTS 21-22	216 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.193	56490	23709	80199	KNUTSON RODNEY A & RISHELLE O	PO BOX 294	THOMPSON FLS	MT	59873-0294	382.2374909	7619.864989	Phase 3	Residential
353091081352600000	0.35121848	72754	4023	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 035, Lot 023, LOTS 23-26	208 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.393	0	28056	28056	PENSCO TRUST COMPANY CUSTODIAN FOB	PO BOX 173859	DENVER	CO	80217-3859	496.5005999	15299.07707	Phase 3	Residential
353091081360100000	0.45317301	72585	3381	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 036, Lot 001, LOTS 1-5	225 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.482	55312	29988	85300	CORK TERRY R & KIMBERLY K	1005 FOYS LAKE RD APT C	KALISPELL	MT	59901-9014	562.0497218	19740.21641	Phase 3	Residential
353091081360500000	0.47791554	73886	3896	S08, T21 N, R29 W, TFLS ORIG BLK 36 LOTS 6-10			35-0804-2C	VAC_U - Vacant Land - Urban	0.482	0	30000	30000	TAYLOR STEVEN J	PO BOX 878	THOMPSON FLS	MT	59873-0878	577.5891861	20818.00113	Phase 3	Residential
353091081361000000	0.28661542	73468	3741	THOMPSON FALLS ORIG TOWNSITE 020, S08, T21 N, R29 W, BLOCK 036, Lot 11, LOTS11-13	201 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.289	950	25800	26750	TAYLOR TERESA K	MAIL TO: STEVEN TAYLOR	THOMPSON FALLS	MT	59873-0878	457.3959895	12484.96764	Phase 3	Residential
353091081430100000	0.40238497	73406	3715	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 018, Lot 001, LOTS 1-4	117 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.387	230	27918	28148	VERLANIC ORVILLE E & LYNN	PO BOX 1122	THOMPSON FALLS	MT	59873-1122	533.2057511	17527.88921	Phase 3	Residential
353091081431000000	0.49542308	73399	3712	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 018, Lot 05A	107 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.344	77103	26997	104100	TAYLOR CLINTON P	PO BOX 43	THOMPSON FLS	MT	59873-0043	589.1264169	21580.62954	Phase 3	Residential
353091081440100000	0.23729443	73069	3578	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 017, Lot 1 - 2, ACRES 0.241, N2 LOT 3, COS 3496	117 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.24	62552	22748	85300	ROBIRTS FRANK D	PO BOX 2106	THOMPSON FALLS	MT	59873-2106	425.8747265	10336.54525	Phase 3	Residential
353091081440400000	0.13561011	0							0	0	0	0						361.7132305	5907.176373	Phase 3	Residential
353091081440800000	0.36857238	73557	3779	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 017, Lot 4 - 8, & S1/2 LOT 3	105 WOODLAND ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.529	109680	31020	140700	REICHERT BETTY A	PO BOX 351	THOMPSON FLS	MT	59873-0351	509.8109314	16055.01293	Phase 3	Residential
353091081441400000	0.50236297	72954	3533	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 017, Lot 009 - 014	104 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.537	0	31195	31195	MCCUAIG JAMES M & JOSIE	PO BOX 1598	TROUT CREEK	MT	59874-1598	595.2484959	21882.93111	Phase 3	Residential
353091081441700000	0.28047798	72955	3533	THOMPSON FALLS ORIG TOWNSITE, S08, T21 N, R29 W, BLOCK 017, Lot 015, LOTS 15-17	116 GREENWOOD ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.288	90621	25779	116400	MCCUAIG JAMES M & JOSIE	PO BOX 1598	TROUT CREEK	MT	59874-1598	450.8194429	12217.62097	Phase 3	Residential
353091092020100000	0.47370194	72377	4020	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 001, Lot 1 - 2A, ACRES 0.474, COS 3268	534 MAPLE ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.474	156078	29822	185900	LEIVESTAD RUSSLYN A & OLE E	PO BOX 2404	THOMPSON FALLS	MT	59873-2404	576.9449162	20634.45666	Phase 3	Residential
353091092030000	0.42518369	72574	3376	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 001, Lot 003	526 MAPLE ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.387	138572	27928	166500	KINKADE GILBERT R & SHIRLEY E	PO BOX 726	THOMPSON FLS	MT	59873-0726	544.8086727	18521.00175	Phase 3	Residential
353091092040000	0.28498704	72672	3420	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 001, Lot 004	MAPLE ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.287	0	6250	6250	MOREHOUSE GARY E & CAROL L	PO BOX 1214	THOMPSON FLS	MT	59873-1214	451.4464726	12414.03558	Phase 3	Vacant
353091092050000	0.24137115	72673	3420	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 001, Lot 005	520 MAPLE ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.243	147500	24800	172300	MOREHOUSE GARY E & CAROL L	PO BOX 1214	THOMPSON FLS	MT	59873-1214	429.7649185	10514.12714	Phase 3	Residential
353091092080000	0.37717239	73352	3692	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 005, Lot 004 - 5, ACRES 0.347	515 MAPLE ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.347	130340	27060	157400	LINDSAY MATTHEW S & ARLENE R	PO BOX 2468	THOMPSON FALLS	MT	59873-2468	520.0295493	16429.62932	Phase 3	Residential
353091092100000	0.41994126	72554	3368	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 005, Lot 001 - 003, ACRES 0.413	514 E 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.413	178200	28500	206700	BRIGHAM DEBRA L	PO BOX 1016	THOMPSON FALLS	MT	59873-1016	543.4220729	18292.6413	Phase 3	Residential
353091092021500000	0.55006995	73012	3555	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 002, Lot 001, LOTS 1-4	533 MAPLE ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.551	151800	31500	183300	BARTLETT ROLAND E & WHITNEY N	PO BOX 2105	THOMPSON FLS	MT	59873-2105	634.1208138	23961.04721	Phase 3	Residential
353091092021800000	0.52991895	72658	3415	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 002, Lot 005, LOTS 5-8	511 E 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.551	140800	31500	172300	DAHLKE GARY E & CHERYL	PO BOX 1210	THOMPSON FLS	MT	59873-1210	626.5591156	23083.26928	Phase 3	Residential
353091092022200000	0.41349818	73866	3885	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 005, Lot 9 - 11, ACRES 0.413	512 E 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.413	150150	28500	178650	KUMP CORY & REBEKAH	PO BOX 954	THOMPSON FALLS	MT	59873-0954	539.8137843	18011.98059	Phase 3	Residential
353091092022500000	0.48963917	73785	3849	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 005, Lot 006, LOTS 6-8	CAMAS ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.488	0	30120	30120	HOEFT JERRILEE SQUIRE ETAL	723 VON DR	CUSTER	SD	57730-1240	599.8242873	21328.68239	Phase 3	Vacant
353091092022700000	0.03868131	72840	3484	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 004, Lot 007	CAMAS ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.028	0	600	600	BURRELL DONALD W	PO BOX 455	THOMPSON FALLS	MT	59873-0455	219.0327359	1684.957802	Phase 3	Vacant
353091092023000000	0.49723862	72378	3292	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 004, Lot 001 - 006, ACRES 0.519	CAMAS ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.519	0	12317	12317	GARRETT CRAIG	PO BOX 182	LOMPOC	CA	93438-0182	716.9084508	21659.71444	Phase 3	Vacant
353091092023300000	0.30325115	72833	3482	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 003, Lot 003, LOTS 3-4	507 E 5TH AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.303	174800	26100	200900	FRANCK BRANDEN L & ERICA L	PO BOX 1333	THOMPSON FALLS	MT	59873-1333	470.1797853	13209.61996	Phase 3	Residential
353091092023500000	0.37956894	72397	3298	VALLEY VIEW HEIGHTS-T-FALLS, S09, T21 N, R29 W, BLOCK 003, Lot 001, LOTS 1-2	610 CHURCH ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.381	105900	27800	133700	SPARKS DAVID G & MARY K	PO BOX 491	THOMPSON FLS	MT	59873-0491	538.5626764	16534.02317	Phase 3	Residential

PARCELID	GISAcres	PropertyID	Assessment	LegalDescr	AddressLin	CityStateZ	LevyDistri	PropType	TotalAcres	TotalBuild	TotalLandV	TotalValue	OwnerName	OwnerAddre	OwnerCity	OwnerState	OwnerZipCo	SHAPE_Leng	SHAPE_Area	Phase	Property_T
35309104302010000	4.65445119	73798	0000003854	ASHLEY CREEK WILDLIFE, S04, T21 N, R29 W, Lot AMD 4, ACRES 4.59, COS 3431 1/5 INT PARK	711 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	4.59	47830	47074	94904	WILLIAMS H THOMAS & D GAIL	PO BOX 1289	THOMPSON FLS	MT	59873-1289	1873.929709	202747.8939	Phase 4	Residential
35309104302030000	4.29806693	73802	0000003856	ASHLEY CREEK WILDLIFE, S04, T21 N, R29 W, Lot 3, 4.34 AC 1/5 INT PARK	777 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	4.34	206726	45774	252500	NEAL GERALD R & DONNA J	PO BOX 908	THOMPSON FLS	MT	59873-0908	1769.135571	187223.7953	Phase 4	Residential
35309104302050000	3.33734466	73800	0000003855	S04, T21 N, R29 W, 1376, PARCEL 002, ASHLEY CRK WILDLIFE LOT 2 COS 1376 3.31 ACRES 1/5 INT PARK	106 BIG BUCK DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	3.31	106450	40418	146868	CASTILLO STEPHANIE & PIRKER ARIKKA	226 SOUTH TRL	FLORENCE	MT	59833-6714	1655.015618	145374.7334	Phase 4	Residential
35309104302070000	3.24734454	73805	0000003857	S04, T21 N, R29 W, 1376, PARCEL 001, ASHLEY CRK WILDLIFE LOT 1 COS 1376 3.3 ACRES & 1/5 INT PARK	610 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	3.3	119520	40366	159886	KEPPNER THOMAS W & MILDRED A	PO BOX 404	THOMPSON FLS	MT	59873-0404	1987.970217	141454.3284	Phase 4	Residential
35309104302096700	1.64356668	69930	PPPPPPPPPP	S04, T21 N, R29 W, ASHLEY CRK WILDLIFE SUB PARK 1.64 AC			35-0804-2C	NV - Non-Valued Property	1.64	0	8528	8528	ASHLEY CRK WILDLIFE SUB PARK	GENERAL DELIVERY	THOMPSON FLS	MT	59873-9999	1091.726997	71593.76437	Phase 4	Vacant
35309104302110000	3.55065931	72241	0000003229	ASHLEY CREEK WILDLIFE, S04, T21 N, R29 W, Lot 5, ACRES 3.31, 1/5 INT PARK	611 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	3.31	127588	38712	166300	WILSON GLENN A & MARION G	PO BOX 1273	THOMPSON FLS	MT	59873-1273	2290.398608	154666.7194	Phase 4	Residential
35309104303010000	0.50368164	73756	0000003834	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, BLOCK 004, Lot 004	555 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.697	173719	34681	208400	DAVID L TALLANT & LAURA M DRESSEL LIVING TRUST	PO BOX 781	THOMPSON FALLS	MT	59873-0781	593.3820277	21940.37244	Phase 4	Residential
35309104303030000	0.56849616	73765	0000003839	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, Lot 006, ASHLEY CRK # 3 LOT 6 .576 ACRES	551 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.576	74880	32046	106926	HINCK TROY N & ALICE A	PO BOX 1501	THOMPSON FALLS	MT	59873-1501	630.680499	24763.69277	Phase 4	Residential
35309104303070000	1.28310354	73754	0000003833	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, Lot 4 - 5, 1.29 AC	543 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.29	300992	28208	329200	BRUSE PATRICK MICHAEL	PO BOX 822	THOMPSON FALLS	MT	59873-0822	983.1241329	55891.9901	Phase 4	Residential
35309104303090000	0.66497506	73763	0000003838	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, Lot 003, ACRES 0.669	537 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.669	130529	34071	164600	MEAGHER GARY L SR & CLORIA M	1402 29TH ST	ANACORTES	WA	98221-3815	681.2657719	28966.31366	Phase 4	Residential
35309104303110000	0.48146942	73780	0000003845	S04, T21 N, R29 W, ASHLEY CREEK # 3 LOT 2 .485 ACRES	525 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.485	101836	30064	131900	AMBERCROBIE KATHERINE &	PO BOX 2432	THOMPSON FALLS	MT	59873-2432	590.8482555	20972.80797	Phase 4	Residential
35309104303120000	0.5177642	73971	0000003964	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, BLOCK 0, Lot 1, 2657 "ACNB" (ASHLEY CRK ADD #3) LOT 1 COS 2657 PLAT 1A .52ACRES			35-0804-2C	VAC_U - Vacant Land - Urban	0.521	0	30850	30850	FORTIN MARK & JANE	PO BOX 1131	THOMPSON FLS	MT	59873-1131	608.7766177	22553.80867	Phase 4	Vacant
35309104303130000	0.58764239	73752	0000003832	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, Lot 002, 2657 "ACNB" (ASHLEY CRK ADD #3) LOT 2 COS 2657 PLAT 1B .59 ACRES	511 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.591	200121	32379	232500	BOON BLAKE E	PO BOX 1324	THOMPSON FALLS	MT	59873-1324	643.2595823	25597.70251	Phase 4	Residential
35309104303150000	0.54066935	72243	0000003230	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, Lot 007, 2579 ASHLEY CRK # 3 NETZ SUBD LOT 1 COS 2579 PLAT 7A .54 ACRES	504 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.507	170547	30553	201100	CURRY DONNA J TRUSTEE	PO BOX 2553	THOMPSON FLS	MT	59873-2553	617.8329707	23551.55701	Phase 4	Residential
35309104303160000	0.54039724	73943	0000003939	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, BLOCK 0, Lot 7, 2579 ASHLEY CREEK ADD #3 NETZ SUBD LOT 2 COS 2579 PLAT 7B .54 AC			35-0804-2C	VAC_U - Vacant Land - Urban	0.507	0	30553	30553	CURRY DONNA J TRUSTEE	PO BOX 2553	THOMPSON FLS	MT	59873-2553	617.8089128	23539.70376	Phase 4	Vacant
35309104303170000	0.50272624	73783	0000003847	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, Lot 008, ASHLEY CRK # 3 LOT 8 .504 ACRES	520 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.504	215623	30477	246100	HADDIX JEFFREY L & PATRICIA G	PO BOX 2076	THOMPSON FLS	MT	59873-2076	593.0801336	21898.75481	Phase 4	Residential
35309104303190000	1.70303343	67767	0000003805	ASHLEY CREEK ADDITION #2, S04, T21 N, R29 W, Lot 00P, ASHLEY CRK 2 PARK	PARK ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	1.712	0	30402	30402	CITY OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	1094.096221	74184.13608	Phase 4	Exempt
35309104303210000	0.50156984	73774	0000003843	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, Lot 001, ACRES 1.5	542 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.5	244406	30394	274800	HAMILTON JONATHAN GLEN	PO BOX 542	THOMPSON FALLS	MT	59873-0542	596.7355199	21848.38204	Phase 4	Residential
35309104303230000	0.4840511	72253	0000003235	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, Lot 002, ASHLEY CRK # 4 LOT 2 .48 ACRES	552 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.48	0	29955	29955	PIRKER GWENETTA	PO BOX 1258	THOMPSON FALLS	MT	59873-1258	588.4550255	21085.26599	Phase 4	Vacant
35309104303250000	0.47676362	73745	0000003830	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, Lot 003, ACRES 0.466	556 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.466	176270	29650	205920	GREENWELL GREGORY A & APRIL K	PO BOX 506	THOMPSON FALLS	MT	59873-0506	587.6027104	20767.82324	Phase 4	Residential
35309104303260000	0.50439257	73743	0000003829	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, BLOCK 004, Lot 005	600 GRIZZLY DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.503	169544	30456	200000	MILNER LARRY T & THERESA L	PO BOX 243	THOMPSON FLS	MT	59873-0243	612.1309463	21971.34041	Phase 4	Residential
35309104303270000	0.5018317	73605	0000003801	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, BLOCK 004, Lot 006, ASHLEY CREEK #4 LOT 6	605 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.5	171910	30390	202300	HAWKINS GLENN &DONNA	25906 GARBANI RD	MENIFEE	CA	92584-9478	620.7419333	21859.78884	Phase 4	Residential
35309104303290000	0.46766684	73651	0000003824	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, Lot 007, ASHLEY CRK #4 LOT 7 .527 ACRES	205 KANIKSU CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.466	57050	29650	86700	MCEWEN ARTHUR H	PO BOX 1441	THOMPSON FLS	MT	59873-1441	578.2382696	20371.56739	Phase 4	Residential
35309104303300000	0.48391912	73548	0000003776	ASHLEY CREEK ADDITION #2, S04, T21 N, R29 W, Lot 002, ASHLEY CRK ADD # 2 LOT 2 .479 ACRES	BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.479	0	29933	29933	KOROKNAY MICHAEL I & CRYSTAL	10215 ALEXANDRIA ST	VENTURA	CA	93004-2447	586.5087282	21079.51665	Phase 4	Vacant
35309104303320000	0.48457303	72251	0000003234	ASHLEY CREEK ADDITION #2, S04, T21 N, R29 W, Lot 001, ASHLEY CRK ADD # 2 LOT 1 .479 ACRES	549 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.479	105767	29933	135700	ROBINSON DUSTIN E & CHRISTINE E	PO BOX 1093	THOMPSON FALLS	MT	59873-1093	583.0094	21108.00135	Phase 4	Residential
35309104303340000	0.51642457	73767	0000003840	ASHLEY CREEK ADDITION NO 3, S04, T21 N, R29 W, Lot 009, ASHLEY CRK # 3 LOT 9 .519 ACRES 1994 GUERDON DETITLED 4/03	525 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.519	71660	30804	102464	FARRINGTON HAROLD E	PO BOX 8	THOMPSON FALLS	MT	59873-0008	602.2410096	22495.45419	Phase 4	Residential
35309104303360000	1.10605447	72245	0000003231	S04, T21 N, R29 W, 484, PARCEL N/A, COS 484 PAR 2, IN SWSWSW, 1.11 ACRES LIES IN ASHLEY CRK COMPLEX N OR RD	507 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	APT_U - Apartment Urban	1.11	318428	27272	345700	MOUNTAIN HOUSE LLC	PO BOX 1027	THOMPSON FLS	MT	59873-1027	898.554373	48179.73264	Phase 4	Residential
35309104304010000	1.10693812	72249	0000003233	ASHLEY CREEK FIRST ADDITION, S04, T21 N, R29 W, BLOCK 001, Lot 001, 1.104 AC	510 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.104	201859	27241	229100	BENNETT DAVID S	PO BOX 1027	THOMPSON FLS	MT	59873-1027	900.6635875	48218.22461	Phase 4	Residential
35309104304030000	0.530398	67766	0000003805	ASHLEY CREEK FIRST ADDITION, S04, T21 N, R29 W, LOT 2 PARK			35-0804-2C	EP - Exempt Property	0.53	0	31050	31050	CITY OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	614.2120551	23104.13692	Phase 4	Exempt
35309104304050000	0.75379045	72247	0000003232	ASHLEY CREEK FIRST ADDITION, S04, T21 N, R29 W, Lot 001, .757 AC	530 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.757	191612	35988	227600	WADSWORTH LARRY L & LISA	PO BOX 253	THOMPSON FLS	MT	59873-0253	732.2814417	32835.11197	Phase 4	Residential
35309104304070000	0.90277628	73185	0000003620	ASHLEY CREEK FIRST ADDITION, S04, T21 N, R29 W, COS AMND LT 2 & IN SEC 9	538 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.99	168152	31848	200000	PARKS DANIEL L & CARLA M	PO BOX 2525	THOMPSON FLS	MT	59873-2525	802.5661518	39324.93456	Phase 4	Residential
35309104304090000	0.56772735	72369	0000003288	ASHLEY CREEK FIRST ADDITION, S04, T21 N, R29 W, Lot 003, ASHLEY CRK ADD LOT 3 .571 ACRES	546 BIGHORN DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.571	119163	31937	151100	ROBERTS RANDY R	PO BOX 1134	THOMPSON FLS	MT	59873-1134	636.2415212	24730.20346	Phase 4	Residential
35309104304110000	0.69787207	73010	0000003554	ASHLEY CREEK FIRST ADDITION, S04, T21 N, R29 W, Lot 4, ACRES 0.717	101 KOO KOO SINT CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.717	144783	35117	179900	TURK CAROL P	PO BOX 1932	THOMPSON FALLS	MT	59873-1932	729.001685	30399.30753	Phase 4	Residential
35309104304130000	0.91927491	73299	0000003667	ASHLEY CREEK FIRST ADDITION, S04, T21 N, R29 W, COS 3466 AMND LT 5-A	102 KOO KOO SINT CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	4.44	164912	44588	209500	DARBY ORVILLE L JR	PO BOX 334	THOMPSON FALLS	MT	59873-0334	878.4677885	40043.61501	Phase 4	Residential
35309104304150000	0.50910252	72287	0000003249	ASHLEY CREEK ADDITION #2, S04, T21 N, R29 W, Lot 004, ASHLEY CRK ADD # 2 LOT 4 .588 ACRES	104 KOO KOO SINT CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.588	153993	32307	186300	HOEKEMA STAN C AND EMERYL M	PO BOX 445	THOMPSON FLS	MT	59873-0445	609.7722724	22176.50572	Phase 4	Residential
35309104304170000	0.57580414	72236	0000003228	ASHLEY CREEK ADDITION #2, S04, T21 N, R29 W, Lot 005, ASHLEY CRK ADD # 2 LOT 5 .579 ACRES	105 KANIKSU CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.579	207189	32111	239300	CORK COURTNEY B	1024 CHURCH STREET	THOMPSON FALLS	MT	59873	652.475394	25082.02835	Phase 4	Residential
35309104304210000	1.09590549	72523	0000003355	S04, T21 N, R29 W, 2142, PARCEL N/A, PLAT E, IN SWSESW, 1.097 ACRES COS 2142 TR 1-A	102 KANIKSU CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.097	194896	27204	222100	EGGENSPERGER THOMAS P & BINA M	PO BOX 221	THOMPSON FALLS	MT	59873-0221	1207.527579	47737.6432	Phase 4	Residential
35309104304230000	0.55934375	73769	0000003841	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, Lot 008, ASHLEY CRK # 4 LOT 8 .557 ACRES	106 KANIKSU CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.557	126668	31632	158300	VAUGHT KEVIN D & SHAWNI M	PO BOX 533	THOMPSON FLS	MT	59873-0533	731.1637885	24365.01373	Phase 4	Residential
35309104304250000	0.52672842	73603	0000003800	ASHLEY CREEK ADDITION #4, S04, T21 N, R29 W, Lot 007, ACRES 0.527	108 KANIKSU CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.527	23060	30978	54038	EBERLY ROY A & KRYSTAL	PO BOX 2241	THOMPSON FALLS	MT	59873-2241	641.7764759	22944.28979	Phase 4	Residential
35309109102010000	0.82500709	73857	0000003881	FOREST VIEW, S09, T21 N, R29 W, Lot 23, .925 AC	1229 MT SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	0.925	143090	26310	169400	FRANCK NICHOLAS & TRISTAN	PO BOX 1231	THOMPSON FALLS	MT	59873-1231	771.8419987	35937.30894	Phase 4	Residential
35309109102030000	0.90227754	73860	0000003882	FOREST VIEW, S09, T21 N, R29 W, Lot 24, .925 AC	1219 MT SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.925	206190	26310	232500	HOFF RAYMOND M	108 PARKER CT	MISSOULA	MT	59801-1269	801.3187313	39303.20981	Phase 4	Residential
35309109102050000	1.03329551	73855	0000003880	FOREST VIEW, S09, T21 N, R29 W, Lot 22, 1.199 AC	602 ASPEN CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.199	226065	27735	253800	COLEMAN AVERY & ROXANNE	PO BOX 1798	THOMPSON FALLS	MT	59873-1798	930.7815634	45010.35254	Phase 4	Residential
35309109102070000	1.385614	73853	0000003879	FOREST VIEW, S09, T21 N, R29 W, Lot 21, ACRES 1.187	ASPEN CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.187	227328	27672	255000	LACY BRYAN E & JANET L LIVING TRUST	PO BOX 476	THOMPSON FALLS	MT	59873-0476	1019.634919	60357.3458	Phase 4	Vacant
35309109102090000	0.88406949	73851	0000003878	FOREST VIEW, S09, T21 N, R29 W, Lot 20, 1.264 AC	608 ASPEN CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.264	147827	28073	175900	WALWER GREG	PO BOX 1982	THOMPSON FLS	MT	59873-1982	940.2284378	38510.06686	Phase 4	Residential
35309109102110000	2.3190994	73849	0000003877	FOREST VIEW, S09, T21 N, R29 W, Lot 19, 2.094 AC	ASPEN CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	2.094	0	32389	32389	FARLAN MICAH & DARCY	PO BOX 414	THOMPSON FALLS	MT	59873-0414	1320.118914	101019.9697	Phase 4	Vacant
35309109102130000	1.61125774	73846	0000003876	S09, T21 N, R29 W, X, PARCEL N/A, FOREST VIEW LOT 18 1.713 AC	ASPEN CT	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	1.713	0	30408	30408	RICKERT KENNETH A & BABETTE Y	PO BOX 272	THOMPSON FALLS	MT	59873-0272	1122.509264	70186.38736	Phase 4	Vacant
35309109102150000	1.18536946	73844	0000003875	FOREST VIEW, S09, T21 N, R29 W, Lot 17, .988 AC	605 ASPEN CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.988	254862	26638	281500	RICKERT KENNETH A & BABETTE Y	PO BOX 272	THOMPSON FALLS	MT	59873-0272	922.3649554	51634.69379	Phase 4	Commercial
35309109102170000	0.87736218	73842	0000003874	FOREST VIEW, S09, T21 N, R29 W, Lot 16, 1.001 AC	ASPEN CT	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	1.001	0	26705	26705	RICKERT KENNETH A & BABETTE Y	PO BOX 272	THOMPSON FALLS	MT	59873-0272	830.7349393	38217.89668	Phase 4	Vacant
35309109102190000	0.63416169	73838	0000003872	FOREST VIEW, S09, T21 N, R29 W, Lot 14, .739 AC	1209 MT SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.739	158657	25343	184000	LEISCHNER BLAINE L & CHRISTINE	PO BOX 1817	THOMPSON FALLS	MT	59873-1817	699.5459558	27624.08316	Phase 4	Residential
35309109102210000	0.8193384	73840	0000003873	FOREST VIEW, S09, T21 N, R29 W, Lot 15, .803 AC	1199 MT SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.803	132224	25676	157900	WILHITE DAVID R	3025 ROSEVILLE WAY	LAS VEGAS	NV	89102-5974	769.7544755	35690.38064	Phase 4	Residential
35309109102230000	1.55835223	73862	0000003883	S09, T21 N, R29 W, PLAT FS IN SENE :& NESE 1.551 AC	1191 MT SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	1.551	204135	29565	233700	THOMPSON FALLS SENIOR CITIZENS INC	PO BOX 444	THOMPSON FLS	MT	59873-0444	1080.273502	67881.82327	Phase 4	Commercial
35309109102250000	1.66787931	73905	0000003906	S09, T21 N, R29 W, TR A COS 2299 IN SENE & NESE PLAT JW 1.9 AC JEHOVAH WITNESS CHURCH	1197 MT SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	1.9	326650	31380	358030	RIECH KEN TRUSTEE	PO BOX 1273	THOMPSON FLS	MT	59873-1273	1078.956413	72643.62871	Phase 4	Commercial

353091091023570000	0.02126041	73984	0000003973	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 1	1800 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	173562	20038	193600	HANDFORD DANIEL E & BETTY JO	PO BOX 682	THOMPSON FLS	MT	59873-0682	140.0779237	926.1034266	Phase 4	Residential
353091091023570000	0.02125597	73985	0000003974	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 2	1802 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	177162	20038	197200	BROWN NANCY A	PO BOX 1802	THOMPSON FLS	MT	59873-1802	140.0964276	925.9101219	Phase 4	Residential
353091091023570000	0.02126436	73974	0000003967	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 5	1808 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	170462	20038	190500	LINZMAIER PETER	PO BOX 2226	THOMPSON FLS	MT	59873-2226	140.1005151	926.275719	Phase 4	Residential
353091091023570000	0.02127028	73986	0000004019	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 3	1804 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	198462	20038	218500	EPPERSON YVONNE	PO BOX 293	THOMPSON FLS	MT	59873-0293	140.1279932	926.5333328	Phase 4	Residential
353091091023570000	0.02126577	73987	0000004027	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 4	1806 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	198462	20038	218500	CHENEY VIRGINIA RUTH	PO BOX 546	THOMPSON FALLS	MT	59873-0546	140.1346821	926.3370127	Phase 4	Residential
353091091023570000	0.02128848	73988	0000003979	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 9	1816 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	176862	20038	196900	GRIFFITHS HUBERT J & SUSAN R	PO BOX 863	THOMPSON FALLS	MT	59873-0863	140.1898932	927.3263151	Phase 4	Residential
353091091023570000	0.02127614	73975	0000003968	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 6	1810 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	141210	20038	161248	ANDERSON NEAL ROBERT REV. LIVING TRUST	PO BOX 1714	THOMPSON FLS	MT	59873-1714	140.0313178	926.7887997	Phase 4	Residential
353091091023570000	0.02128938	74000	0000003978	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 8	1814 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	175762	20038	195800	ARNOLD RODNEY E & EDRALINE MARIE	PO BOX 73	THOMPSON FLS	MT	59873-0073	140.1715631	927.3654171	Phase 4	Residential
353091091023570000	0.021265	73999	0000003977	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 7	1812 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	162962	20038	183000	MARICH LETTY E	PO BOX 234	THOMPSON FALLS	MT	59873-0234	140.0794826	926.3034571	Phase 4	Residential
353091091023570000	0.02127556	73989	0000003980	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 10	1818 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	176862	20038	196900	CARMAN DIXIE & NEIL	PO BOX 536	THOMPSON FALLS	MT	59873-0536	140.1893128	926.7635317	Phase 4	Residential
353091091023570000	0.01336104	73991	0000003981	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 13	1904 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	146062	20038	166100	GLADE SHIRLEE	PO BOX 1998	THOMPSON FALLS	MT	59873-1998	116.1602	582.0068913	Phase 4	Residential
353091091023570000	0.01336888	73977	0000003970	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 12	1902 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	144262	20038	164300	THURMAN WILLIS C & PENNY L	PO BOX 2594	THOMPSON FALLS	MT	59873-2594	116.1939875	582.3483435	Phase 4	Residential
353091091023570000	0.01331728	73976	0000003969	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 11	1900 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	144262	20038	164300	DAVIS PAMELA L	PO BOX 2125	THOMPSON FALLS	MT	59873-2125	116.0919602	580.1007602	Phase 4	Residential
353091091023570000	0.01336394	73993	0000003983	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 15	1908 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	158662	20038	178700	BLOOM ROSEMARIE	PO BOX 614	THOMPSON FALLS	MT	59873-0614	116.3297367	582.133094	Phase 4	Residential
353091091023570000	0.02127419	73995	0000003975	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 17			35-0804-2C	KU - Condominium Urban	0	0	20038	20038	TWO RIVERS DEV LLC	428 HALO DR	TROY	MT	59935-9414	140.1672259	926.7035129	Phase 4	Vacant
353091091023570000	0.01335896	73992	0000003982	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 14	1906 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	135662	20038	155700	FALK DAVID & INA	PO BOX 571	THOMPSON FALLS	MT	59873-0571	116.1941369	581.9164309	Phase 4	Residential
353091091023570000	0.02130557	73996	0000003975	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 18			35-0804-2C	KU - Condominium Urban	0	0	20038	20038	TWO RIVERS DEV LLC	428 HALO DR	TROY	MT	59935-9414	140.218579	928.0704484	Phase 4	Vacant
353091091023570000	0.01334437	73994	0000003984	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 16	1910 PINE TREE HOLLOW RD	THOMPSON FALLS, MT 59873	35-0804-2C	KU - Condominium Urban	0	159162	20038	179200	PARKER BERNARD C & FRANCES KAY	PO BOX 534	THOMPSON FALLS	MT	59873-0534	116.0633968	581.2808672	Phase 4	Residential
353091091023570000	0.02127433	73997	0000004028	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 19			35-0804-2C	KU - Condominium Urban	0	0	20038	20038	MOORE ELIZABETH	1463 BRIGHTON AVE	GROVER BEACH	CA	93433-1890	140.0745144	926.7099861	Phase 4	Vacant
353091091023570000	0.02126942	73998	0000004028	PINE TREE HOLLOW RETIREMENT COM, S09, T21 N, R29 W, UNIT 20			35-0804-2C	KU - Condominium Urban	0	0	20038	20038	MOORE ELIZABETH	1463 BRIGHTON AVE	GROVER BEACH	CA	93433-1890	140.1423312	926.4959138	Phase 4	Vacant
353091091023578000	4.23141379	62330	KKKKKKKKK	S09, T21 N, R29 W, MASTERCARD PINE TREE HOLLOW RETIREMENT COMM			35-0804-2C	NV - Non-Valued Property	4.6	0	400752	400752	CONDO MASTER	GENERAL DELIVERY	HOT SPRINGS	MT	59845-9999	4006.9335	184341.1984	Phase 4	Residential
353091092012500000	1.4656964	73940	0000003936	S09, T21 N, R29 W, PLAT BL COS 1287 1.269 AC	409 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.269	120401	28099	148500	CLARK ROBERT L & RICKI	1101 ALAMEDA DR	JACKSONVILLE	TX	75766-2751	1013.733196	63845.73527	Phase 4	Residential
353091092013000000	0.63131873	73435	0000003726	S09, T21 N, R29 W, COS 1287 PLAT LT .749 AC	409 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.749	0	25395	25395	CLARK ROBERT L & RICKI	1101 ALAMEDA DR	JACKSONVILLE	TX	75766-2751	749.5703414	27500.24381	Phase 4	Vacant
353091092015000000	17.68453562	1539498	0000005729	S09, T21 N, R29 W, Acres 54.7, W2SWNE & SENW & NESW & NWSE CEMETARY, CITY POOL. 54.7 ACRES	506 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	0	0	0	0	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	4697.165214	770338.3716	Phase 4	Commercial
353091092017800000	31.80465002	76330	0000006363	S09, T21 N, R29 W, W2SWNE & SENW & NESW & NWSE SCHOOL DIST #2 26.3 ACRES	506 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	81	171410	442700	614110	SCHOOL DISTRICT #2	PO BOX 129	THOMPSON FALLS	MT	59873-0129	4763.605213	1385410.555	Phase 4	Commercial
353091092030100000	0.66732735	75144						IMP_R - Improved Property - Rural	0.653	0	0	159400	DVOROZNAK DONALD S & BONNIE L		THOMPSON FLS	MT		0	29068.77941	Phase 4	Residential
353091092030200000	3.05029907	76332	0000005729	MOUNTAIN VIEWTOWNSITE, S09, T21 N, R29 W, BLOCK 001, Lot 002, TR A & B COS 2691	411 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	0.115	0	22000	22000	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	1498.879029	132871.0276	Phase 4	Exempt
353091092030300000	0.67799471	73983	0000003972	MOUNTAIN VIEWTOWNSITE, S09, T21 N, R29 W, BLOCK 001, Lot 003, MOUNTAIN VIEW BL 1 W 50' LOT 2 & ALL 3	307 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.717	199372	25228	224600	BOUKAL RUDOLF GEORG	PO BOX 1937	THOMPSON FLS	MT	59873-1937	819.4842628	29533.44969	Phase 4	Residential
353091092030400000	0.28849449	74211						IMP_R - Improved Property - Rural	0.321	0	0	148300	CRAIG MARLENE M & FRANCIS M		THOMPSON FLS	MT		0	12566.81994	Phase 4	Residential
353091092030500000	0.26365525	74378						IMP_R - Improved Property - Rural	0.257	0	0	130700	MARTIN STEFANIE L &		THOMPSON FLS	MT		0	11484.82273	Phase 4	Residential
353091092030600000	0.52093375	74727						IMP_R - Improved Property - Rural	0.514	0	0	121500	KAZMMIERCZAK RONALD V & SANDRA L		THOMPSON FLS	MT		0	22691.87397	Phase 4	Residential
353091092030800000	0.25444232	75729						IMP_R - Improved Property - Rural	0.257	0	0	117600	WAKEFIELD KYLE & COLE		THOMPSON FALLS	MT		0	11083.50729	Phase 4	Residential
353091092031000000	0.14434086	74466						IMP_R - Improved Property - Rural	0.15	0	0	93400	WOODEN ANN M		THOMPSON FLS	MT		0	6287.487988	Phase 4	Residential
353091092031200000	0.15750965	74577						IMP_R - Improved Property - Rural	0.202	0	0	93700	OWENS SHAUNA J		YAKIMA	WA		0	6861.120226	Phase 4	Residential
353091092031300000	0.23707022	75290						IMP_R - Improved Property - Rural	0.275	0	0	86800	JOHNSTON SANFORD L & LILA A		THOMPSON FLS	MT		0	10326.77867	Phase 4	Residential
353091092031500000	0.40190533	75274						IMP_R - Improved Property - Rural	0.418	0	0	199000	RELLER PEGGY E		THOMPSON FLS	MT		0	17506.99636	Phase 4	Residential
353091092031700000	0.56106215	74216						IMP_R - Improved Property - Rural	0.586	0	0	157200	FAUSETT JADE AND SCARLETT		THOMPSON FLS	MT		0	24439.86737	Phase 4	Residential
353091092031800000	0.25849305	74320						IMP_R - Improved Property - Rural	0.263	0	0	176900	CLARK STEVEN		THOMPSON FLS	MT		0	11259.95709	Phase 4	Residential
353091092031900000	0.24644994	74912						VAC_R - Vacant Land - Rural	0.263	0	0	25220	LACY HERBERT G & SHIRLEY J		THOMPSON FLS	MT		0	10735.35956	Phase 4	Residential
353091092032000000	0.21071292	74914						IMP_R - Improved Property - Rural	0.209	0	0	128800	LACY HERBERT G & SHIRLEY J		THOMPSON FLS	MT		0	9178.655005	Phase 4	Residential
353091092032100000	0.33307435	74916						IMP_R - Improved Property - Rural	0.346	0	0	36845	LACY HERBERT G & SHIRLEY J		THOMPSON FLS	MT		0	14508.71887	Phase 4	Residential
353091092032500000	0.29974702	72705	0000003432	MOUNTAIN VIEWTOWNSITE, S09, T21 N, R29 W, BLOCK 003, Lot 001, LOTS 1 & E 15 FT OF 2	111 HILL ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.309	122660	26240	148900	MCQUEEN KENNETH K & DONNA J	PO BOX 2422	THOMPSON FALLS	MT	59873-2422	558.8435612	13056.98003	Phase 4	Residential
353091092032700000	0.59594223	73095	0000003589	S09, T21 N, R29 W, W 85 FT OF L 2 & 3 63.35 FT LOT 3 MOUNTAIN VIEW TOWNSITE	107 HILL ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.534	730	31123	31853	POTTER DEBRA LEONA	PO BOX 1201	THOMPSON FALLS	MT	59873-1201	633.2487991	25959.24341	Phase 4	Residential
353091092033500000	0.44271101	73566	0000003783	MOUNTAIN VIEWTOWNSITE, S09, T21 N, R29 W, BLOCK 003, Lot 004, LOT 4 & W 71.65 FT LOT 3	101 HILL ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.55	129965	28835	158800	PHILLIPS JEFFERY M & DEBORAH J	PO BOX 1260	THOMPSON FALLS	MT	59873-1260	685.056173	19284.49152	Phase 4	Residential
353091092040100000	0.36378624	72825	0000003479	GOLF COURSE ADD-T-FALLS, S09, T21 N, R29 W, BLOCK 001, Lot 001, ACRES 0.369, N 25 FT LOT 2	108 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.369	80772	27528	108300	WILLIAMS ROBERT LIVING TRUST	108 GOLF STREET	THOMPSON FALLS	MT	59873	520.8446597	15846.52853	Phase 4	Residential
353091092040300000	0.28794859	73204	0000003627	GOLF COURSE ADD-T-FALLS 020, S09, T21 N, R29 W, BLOCK 001, Lot 003, S 25 FT OF LOT 2, N 30 FT LOT 4, ALL 3, ASSR #0000003627	106 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.313	125875	26325	152200	FEWKES DOUGLAS L AND SUEANNE	PO BOX 1305	THOMPSON FALLS	MT	59873-1305	450.514345	12543.04078	Phase 4	Residential
353091092040500000	0.18720162	72589	0000003383	GOLF COURSE ADD-T-FALLS, S09, T21 N, R29 W, BLOCK 001, Lot 005, GOLF ADDITION BL 1 LOT 5 & S20' LOT 4	102 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.219	74739	24261	99000	PETRIE RON & ELIZABETH	27 STARLOOKER LN	THOMPSON FALLS	MT	59873-9454	396.2269525	8154.502717	Phase 4	Residential
353091092040700000	0.21157759	73323	0000003679	GOLF COURSE ADD-T-FALLS, S09, T21 N, R29 W, BLOCK 002, Lot 005	GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.207	0	24000	24000	SHARP RONALD G & BONNIE	PO BOX 92	THOMPSON FLS	MT	59873-0092	393.2840928	9216.320016	Phase 4	Vacant
353091092041000000	1.15916108	73321	0000003678	GOLF COURSE ADD-T-FALLS, S09, T21 N, R29 W, BLOCK 002, Lot 002, LOTS 2-4 & SW160 FT LOT 1	109 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.15	157120	27480	184600	SHARP RONALD G & BONNIE	PO BOX 92	THOMPSON FLS	MT	59873-0092	906.5218816	50493.05664	Phase 4	Residential
353091092041200000	0.14565232	0							0	0	0	0						387.3789997	6344.614929	Phase 4	Vacant
353091092041500000	0.58872936	72723	0000003439	GOLF COURSE ADD-T-FALLS, S09, T21 N, R29 W, BLOCK 003, Lot 001, LOTS 1-2	308 ADAMS ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.643	0	33500	33500	SHARP RONALD G & BONNIE M	PO BOX 92	THOMPSON FLS	MT	59873-0092	865.5364414	25645.05112	Phase 4	Vacant
353091092050100000	1.33075001	76331	0000005729	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 001, Lot 001, LOTS 1-4			35-0804-2C	EP - Exempt Property	1.364	194607	28593	223200	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	986.1360968	57967.47044	Phase 4	Exempt
353091092050300000	0.22827334	76336	0000005729	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 008, Lot 001			35-0804-2C	EP - Exempt Property	0	0	19501	19501	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	491.2404644	9943.586806	Phase 4	Exempt
353091092050500000	1.31538957	76333	0000005729	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 001, Lot 005, LOTS 1-5	410 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	0	0	19501	19501	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	983.6025087	57298.36972	Phase 4	Commercial
353091092050600000	0.01616432	76337	0000005729	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 008, Lot 002			35-0804-2C	EP - Exempt Property	0	0	19501	19501	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	164.2210648	704.1175857	Phase 4	Exempt
353091092050700000	0.35436648	76335	0000005729	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 007, Lot 001, ALL			35-0804-2C	EP - Exempt Property	0	0	19501	19501	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	504.0263916	15436.20368	Phase 4	Exempt
353091092050900000	0.35055762	73032	0000003563	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 002, Lot 001, 1566	925 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.354	132393	27207	159600	MAJERUS GERARD & YVETTE	PO BOX 2042	THOMPSON FALLS	MT	59873-2042	490.6937762	15270.28989	Phase 4	Residential
353091092051000000	0.67975343	72907	0000003513	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 002, Lot 002, LOTS 2-3	104 EDDY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.689	113700	34500	148200	CHEESMAN HENRY	PO BOX 1373	THOMPSON FALLS	MT	59873-1373	697.8559005	29610.05945	Phase 4	Residential

35309109205120000	0.79775045	73585	0000003792	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 002, Lot 005, ACRES 0.807, W 40' LOT 4, ALL 5, AND SHORT ST	105 EDDY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.807	130034	37066	167100	LEUFKENS FAMILY LLC	PO BOX 1030	THOMPSON FALLS	MT	59873-1030	788.2467904	34750.00967	Phase 4	Residential
35309109205150000	0.23972328	72387	0000004001	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 003, Lot 015	905 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.232	0	24560	24560	GRIFFITHS HUGH & SUSAN	PO BOX 863	THOMPSON FALLS	MT	59873-0863	405.3253283	10442.34622	Phase 4	Residential
35309109205160000	0.26008886	72386	0000004000	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 003, Lot 014	905 HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.25	117180	24950	142130	GRIFFITHS HUGH & SUSAN	PO BOX 863	THOMPSON FALLS	MT	59873-0863	427.3001085	11329.47059	Phase 4	Residential
35309109205200000	1.6837365	76334	0000005729	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 003, Lot 008, LOTS 8-13			35-0804-2C	EP - Exempt Property	0	0	19501	19501	TOWN OF THOMPSON FALLS	PO BOX 99	THOMPSON FLS	MT	59873-0099	1465.779691	73343.56207	Phase 4	Exempt
35309109205210000	0.39896093	72390	0000003295	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 003, Lot 007, SILCOX ADD BL 3 LOT 7	202 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.396	146475	28125	174600	SPAULDING ROBERT K	PO BOX 1326	TROUT CREEK	MT	59874-1326	543.9614432	17378.73827	Phase 4	Residential
35309109205220000	0.12051723	72826	0000003479	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 004, Lot 001, ACRES 0.152	GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	0.152	0	3308	3308	WILLIAMS ROBERT LIVING TRUST	108 GOLF ST	THOMPSON FALLS	MT	59873	367.9634209	5249.730628	Phase 4	Vacant
35309109205230000	0.27947005	72389	0000004016	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 3, Lot 6, ACRES 0.297, SILCOX ADD BL 3 LOT 6	206 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.297	148626	25974	174600	IRGENS JAMES	PO BOX 194	NOXON	MT	59853-0194	445.4809316	12173.71521	Phase 4	Residential
35309109205250000	0.54695308	72420	0000003309	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 003, Lot 004, LOTS 4-5	212 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.56	81500	31700	113200	TRAIN PROPERTIES LLC	4521 MT HIGHWAY 200	THOMPSON FALLS	MT	59873-9540	641.3925849	23825.27607	Phase 4	Residential
35309109205270000	0.24815005	72272	0000003243	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 003, Lot 003, 1978 CHIEF IND BONNAVILLA 14X54	218 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.262	7220	25200	32420	BODALY WILLIAM E & ROBERT JOHN	PO BOX 213	THOMPSON FLS	MT	59873-0213	416.8032904	10809.41608	Phase 4	Residential
35309109205300000	0.46711769	72385	0000003294	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 003, Lot 001, LOTS 1-2	226 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.478	159600	29900	189500	GRIFFITHS HUGH & SUSAN	PO BOX 1223	THOMPSON FALLS	MT	59873-1223	605.6009422	20347.64639	Phase 4	Commercial
35309109205330000	0.4337288	73791	0000003851	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 006, Lot 006	229 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.542	166986	31314	198300	HARPER RITA M	PO BOX 2593	THOMPSON FLS	MT	59873-2593	583.8193142	18893.22636	Phase 4	Residential
35309109205350000	0.42006488	72257	0000003237	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 6, Lot 5	225 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.544	163358	31342	194700	MCJUNKIN DANIEL	PO BOX 1607	THOMPSON FLS	MT	59873-1607	575.6651889	18298.0262	Phase 4	Residential
35309109205370000	0.72991103	72710	0000003434	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 006, Lot 004, ACRES 0.551	219 BOULDER AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.551	174192	31508	205700	JOHNSON ROBERT W & HUMMEL CATHERINE A	PO BOX 2008	THOMPSON FALLS	MT	59873-2008	741.9121248	31794.92448	Phase 4	Residential
35309109205400000	1.86983999	73612	0000003808	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 005, Lot 001, ALL BLK 5 MORMON CHURCH	210 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	2	280500	31900	312400	CHURCH OF JESUS CHRIST OF LDS	50 E NORTH TEMPLE ST RM 2225	SALT LAKE CITY	UT	84151-0022	1326.602225	81450.23009	Phase 4	Commercial
35309109205420000	0.48110868	72498	0000003344	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 006, Lot 003, SILCOX PARK LOT 3	306 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.503	89953	30447	120400	DZIERGAS EDWARD & MELINDA	PO BOX 661	THOMPSON FALLS	MT	59873-0661	580.9244408	20957.09398	Phase 4	Residential
35309109205440000	0.47308101	72878	0000003500	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 006, Lot 002, ACRES 0.471	310 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.471	121331	29769	151100	KELLEY ROBERT W & JANICE E	PO BOX 363	THOMPSON FALLS	MT	59873-0363	581.5013949	20607.40863	Phase 4	Residential
35309109205500000	0.48583231	72703	0000003431	SILCOX ADD (THOMPSON FALLS), S09, T21 N, R29 W, BLOCK 006, Lot 001	211 EDDY ST	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.502	139458	30442	169900	PAINTER WINIFRED M	PO BOX 54	THOMPSON FALLS	MT	59873-0054	598.9709831	21162.85526	Phase 4	Residential
35309109206010000	3.4508059	73885	0000003893	HOFF ADD, S09, T21 N, R29 W, BLOCK 001, Lot 002, 1927 HOFF ADDN PAR B COS 2704 PLAT H 3.15 AC	926 HALEY AVE E	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	3.15	81320	37880	119200	LYONS RICHARD L	PO BOX 681	THOMPSON FALLS	MT	59873-0681	1522.450533	150317.1051	Phase 4	Residential
35309109206020000	0.88506559	73972	0000003965	HOFF ADD, S09, T21 N, R29 W, BLOCK 1, Lot 2, HOFF ADDITION PAR A COS 2704 PLAT H1 .76 ACRES			35-0804-2C	VAC_U - Vacant Land - Urban	0.76	0	25452	25452	PETERS DALE	PO BOX 865	THOMPSON FLS	MT	59873-0865	948.5462711	38553.45703	Phase 4	Vacant
35309109206030000	0.86849488	73356	0000003694	HOFF ADD, S09, T21 N, R29 W, BLOCK 001, Lot 001, ACRES 0.719, COS 1927 AMD L1	922 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.719	161690	25239	186929	WHITE LARRY L	PO BOX 1821	THOMPSON FALLS	MT	59873-1821	892.9127082	37831.63688	Phase 4	Residential
35309109206050000	0.90264106	72307	0000003258	HOFF ADD, S09, T21 N, R29 W, Lot 00G, ACRES 0.786	916 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.786	80513	25587	106100	LOYA ATANACIO A JR	PO BOX 552	THOMPSON FALLS	MT	59873-0552	854.3343447	39319.04451	Phase 4	Residential
35309109206070000	1.08526365	72204	0000003213	HOFF ADD, S09, T21 N, R29 W, Lot 00S, 1.07 AC	908 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.07	77636	27064	104700	LANTZ LESLIE DON AND JOANN	PO BOX 2017	THOMPSON FLS	MT	59873-2017	959.770629	47274.08461	Phase 4	Residential
35309109206150000	1.56643343	74747	0000005082	MAYNARDS PLACE, S09, T21 N, R29 W, Lot 1	708 E HALEY AVE	THOMPSON FALLS, MT 59873	35-3804-2MR	IMP_R - Improved Property - Rural	3.54	74492	39908	114400	ALDERETE ANGELO & SABRE	PO BOX 317	LODGE GRASS	MT	59050-0317	1072.422937	68233.84039	Phase 4	Residential
35309109206160000	1.71162758	1537441	0000004013	MAYNARDS PLACE, S09, T21 N, R29 W, Lot 2A, ACRES 1.93, COS 3276	808 HALEY AVE E	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	1.93	0	31536	31536	THE ROBBINS FAMILY TRUST	6740 SUNSET CIR	RIVERSIDE	CA	92505-2128	1106.435831	74558.49727	Phase 4	Vacant
35309109206170000	2.29358423	1426351	0000003994	MAYNARDS PLACE, S09, T21 N, R29 W, Lot 2B, ACRES 1.75, COS 3276	848 E HALEY AVE	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	1.75	302160	30600	332760	ROBBINS FAMILY TRUST	6740 SUNSET CIR	RIVERSIDE	CA	92505-2128	1440.802275	99908.52889	Phase 4	Residential
35309109404160000	1.03188482	73877	0000003889	S09, T21 N, R29 W, PLAT L2 IN NWNESE 1 AC			35-0804-2C	EP - Exempt Property	1	0	26700	26700	SHEPARD OF THE VALLEY LUTHERAN CHURCH	PO BOX 2508	THOMPSON FLS	MT	59873-2508	917.5554151	44948.9029	Phase 4	Vacant
35309109404180000	1.06414021	73876	0000003889	S09, T21 N, R29 W, PLAT L1 IN NWNESE 1 AC	1192 MT SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	1	280700	26700	307400	SHEPARD OF THE VALLEY LUTHERAN CHURCH	PO BOX 2508	THOMPSON FLS	MT	59873-2508	1018.865324	46353.94774	Phase 4	Commercial
35309109404190000	1.03028303	73833	0000003870	FOREST VIEW, S09, T21 N, R29 W, Lot 12, 1.041 AC	SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.041	84320	26913	111233	NMC-1 LLC	PO BOX 2226	THOMPSON FALLS	MT	59873-2226	909.1695201	44879.12881	Phase 4	Commercial
35309109404200000	0.92043374	73835	0000003871	FOREST VIEW, S09, T21 N, R29 W, Lot 13, .957 AC	701 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.957	201300	26476	227776	TRAVER TERRANCE D & DEBRA L	PO BOX 612	THOMPSON FLS	MT	59873-0612	878.6093689	40094.09374	Phase 4	Residential
35309109404210000	1.00564237	73831	0000003869	FOREST VIEW, S09, T21 N, R29 W, Lot 11, 1.001 AC	705 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.001	216595	26705	243300	BLAKNEY JASON R &	PO BOX 451	THOMPSON FALLS	MT	59873-0451	866.8107729	43805.78155	Phase 4	Residential
35309109404220000	1.069548	73829	0000003868	FOREST VIEW, S09, T21 N, R29 W, Lot 10, 1.0 AC	713 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1	237800	26700	264500	MARKQUART WAYNE L & JULAINE P	PO BOX 303	THOMPSON FLS	MT	59873-0303	886.2444981	46589.51081	Phase 4	Residential
35309109404230000	1.06253069	73827	0000003867	FOREST VIEW, S09, T21 N, R29 W, Lot 9, 1.0 AC	715 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_R - Improved Property - Rural	1	303300	26700	330000	PARDEE SCOTT & SUNNY	PO BOX 2447	THOMPSON FALLS	MT	59873-2447	883.0216067	46283.83705	Phase 4	Residential
35309109404240000	0.94748527	73824	0000003866	FOREST VIEW, S09, T21 N, R29 W, Lot 8, .987 AC	SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.987	187668	26632	214300	FAIRBANK RACHEL ANN	PO BOX 1601	THOMPSON FLS	MT	59873-1601	841.5661629	41272.45817	Phase 4	Residential
35309109404260000	1.08979424	73822	0000003865	FOREST VIEW, S09, T21 N, R29 W, Lot 7, ACRES 1.219	723 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.219	186960	27839	214799	RASMUSSEN JORDAN MICHAEL	PO BOX 1124	THOMPSON FALLS	MT	59873-1124	944.8702996	47471.43698	Phase 4	Residential
35309109404280000	0.9482322	73820	0000003864	FOREST VIEW, S09, T21 N, R29 W, Lot 6, ACRES 1.1, 1997 BROOKFIELD DETITLED	720 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.1	120950	27220	148170	MURPHY JAMES & D EUGENIA	PO BOX 1184	THOMPSON FALLS	MT	59873-1184	951.9073172	41304.99457	Phase 4	Residential
35309109404300000	1.03458872	73818	0000003863	FOREST VIEW, S09, T21 N, R29 W, Lot 5, 1 AC	716 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1	149500	26700	176200	MORGAN SHAWN & JODI	PO BOX 2252	THOMPSON FLS	MT	59873-2252	868.6467442	45066.68484	Phase 4	Residential
35309109404320000	1.03510352	73816	0000003862	FOREST VIEW, S09, T21 N, R29 W, Lot 4, 1.001 AC	712 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.001	132895	26705	159600	FISHER BRANDON B & KRISTEN M	PO BOX 1944	THOMPSON FLS	MT	59873-1944	868.4932003	45089.10923	Phase 4	Residential
35309109404340000	0.96732549	73813	0000003861	FOREST VIEW, S09, T21 N, R29 W, Lot 3, 1.001 AC	708 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	1.001	133060	26705	159765	HINKLE BRENDA J	PO BOX 1512	THOMPSON FALLS	MT	59873-1512	845.6662473	42136.69813	Phase 4	Residential
35309109404360000	0.94492421	73811	0000003860	FOREST VIEW, S09, T21 N, R29 W, Lot 2, .998 AC	704 SOUTHWOOD CT	THOMPSON FALLS, MT 59873	35-0804-2C	IMP_U - Improved Property - Urban	0.998	159580	26690	186270	DONALDSON JOSEPH JAY	3934 ENGLAND BLVD	MISSOULA	MT	59808-5640	885.7064358	41160.89864	Phase 4	Residential
35309109404380000	0.91530142	73809	0000003859	FOREST VIEW, S09, T21 N, R29 W, Lot 1, 1.0 AC	SILCOX DR	THOMPSON FALLS, MT 59873	35-0804-2C	VAC_U - Vacant Land - Urban	1	0	26700	26700	DONALDSON JOSEPH JAY	3934 ENGLAND BLVD	MISSOULA	MT	59808-5640	877.475469	39870.52981	Phase 4	Vacant
35309109404790000	14.97116448	73796	0000003853	S09, T21 N, R29 W, PAR 1 COS 2240 13.882 AC CITY YARD	709 GOLF ST	THOMPSON FALLS, MT 59873	35-0804-2C	EP - Exempt Property	1.11	0	1110	1110	THOMPSON FALLS CITY	PO BOX 99	THOMPSON FLS	MT	59873-0099	3432.695039	652143.9249	Phase 4	Commercial

APPENDIX Z

DEQ Violations and SSO Reports

DEQ
Montana Department of Environmental Quality

December 23, 2019

VIOLATION LETTER

Mayor Jerry Lacy
City of Thompson Falls
PO Box 99
Thompson Falls, MT 59873

RE: Compliance Evaluation Inspection Report for City of Thompson Falls, Montana Pollutant Discharge Elimination System (MPDES) Permit Authorization #MTG581035: Thompson Falls Wastewater Treatment Facility

Dear Mayor Lacy:

The Montana Department of Environmental Quality (DEQ) conducted a compliance evaluation inspection (CEI) for City of Thompson Falls, MPDES Permit Authorization #MTG581035: Thompson Falls Wastewater Treatment Facility, located in Thompson Falls, Montana, on November 20, 2019. Please review the enclosed inspection report for detailed information about the inspection.

Based on the findings in the inspection report, DEQ is requiring the following information be submitted:

1.) A written explanation detailing how City of Thompson Falls has corrected each of the lettered findings (A to G) in the Records Review section of the inspection report.

Please submit the written responses to Department of Environmental Quality, MPDES Data Management Team, PO Box 200901, Helena, MT 59620-0901, Attn: Lisa-kay Keen, **by January 15, 2020.**

The written explanations are required to address the following violations and return to compliance:

- Failure to maintain complete records of required sample information is a violation of Section 75-5-605(1)(b) of the Montana Code Annotated (MCA), Sections 17.30.1342(1), (10)(b) and (10)(c) of the Administrative Rules of Montana (ARM), and Parts II.B IV.A, IV.K, IV.L, and IV.M of the General Permit for Domestic Sewage Treatment Lagoons (General Permit).
- Failure to properly preserve samples in accordance with 40 CFR, Part 136 is a violation of Section 75-5-605(1)(b) of the MCA, Sections 17.30.1342(1), (10)(a), (10)(d), and (12)(d) of the ARM, and Parts IV.A and IV.M of the General Permit.
- Failure to correctly calculate and report analytical results is a violation of Section 75-5-605(1)(b) of the MCA, Sections 17.30.1342(1), (10)(a), (10)(d), and (12)(d) of the ARM, and Parts II.A and II.B of the General Permit.
- Failure to properly report analytical results is a violation of Section 75-5-605(1)(b) of the MCA, Sections 17.30.1342(1), (10)(a), (10)(d), and (12)(d) of the ARM, and Part IV.S of the General Permit.

Please note DEQ considers the reported exceedances and incomplete submittal of Discharge Monitoring Reports identified in the inspection report to items of Significant Noncompliance (SNC) and Reportable Noncompliance (RNC). A SNC is considered the most serious level of violation because the violation or noncompliance event may pose a more severe level of concern for the environment and/or human health. A RNC is considered a violation or noncompliance event that may represent operation and maintenance problems, design inadequacies, improper treatment, or other items that may impact the environment and/or human health. Montana DEQ is recommending the City of Thompson Falls continue to complete operational changes and evaluate upgrade options in order to meet numeric limits in MPDES Permit MTG581035. Failure to address SNCs and RNCs can result in future violations and be subject to a formal enforcement action.

This letter is intended to inform the City of Thompson Falls of violations of the Montana Water Quality Act so appropriate steps can be taken to return to compliance. Failure to comply with the timeframes listed in this letter can result in additional enforcement action. If you cannot meet the defined timeframes to complete corrective actions, please contact me immediately upon receipt of this letter. Per Section 75-5-516(2) MCA, this letter will result in the loss of your eligibility for a 25% reduction in your annual fee.

If there are any questions, please contact me at (406) 431-9577.

Sincerely,

Lisa-kay Keen

Lisa-kay Keen
Compliance Inspector
Compliance, Training, and Technical Assistance
Water Quality Division
Montana Department of Environmental Quality
Lkeen@mt.gov

Enclosures: 3560 Form, Inspection Report, Photo Report, Attachments A & B
cc: MTG581035

MPDES 3560 Compliance Inspection Report

Section A: Facility and Contact Information

MPDES # / Programmatic ID: MTG581035

MPDES Permit Type: Domestic Lagoon (Continuous)

Facility / Project Name: Thompson Falls WWTF
Address / Location: Lagoon Road/Thompson Falls/ MT/ 59873
Latitude and Longitude: 47.60224, -115.35789
Facility Site Contact (Permittee): Jerry Lacy, Mayor
Mailing Address: PO Box 99
City, State, Zip Code: Thompson Falls, MT 59873
Phone / Email: 406.827.3557 / LKeen@mt.gov
SIC Code: 4952 - Sewerage System

Section B: Compliance Inspection Information

Compliance Monitoring Activity Name: Thompson Falls WWTF
Compliance Monitoring Type: Evaluation
MPDES # / Programmatic ID: MTG581035

Program: NPDES - Base Program (Limits, Reporting, Schedule)

Complaince Monitoring Date(s):	Compliance Monitoring Reason:	Compliance Monitoring Agency Type / Name:
Actual Start: 11/20/2019 **Actual End:** 11/20/2019	Core Program	State / MT DEQ

Compliance Monitoring Details:		Compliance Monitoring Information:	
Did EPA Assist?	No	Number of Days Conducting Activity?	1
State, Federal, or Joint Inspection?	State	Number of Hours Conducting the Activity?	4
Purpose of the Other Party?	State	Compliance Monitoring Action Outcome?	Not Immediately Corrected
Which Party was the Lead?	State	Compliance Monitoring Code?	Unsatisfactory
Government Contacts: Lisa-kay Keen		**Written Response Due Date: 1/10/2020**	

Section C: Compliance Inspection Outcome

MPDES # / Programmatic ID: MTG581035

Violations Identified: Yes

Violation Code: B0041 - Failure to Maintain Records
Single Event Violation Date: 11/20/2019
Violation Code: C0014 - Invalid/Unrepresentative Sample
Single Event Violation Date: 11/20/2019

Violation Code: C0018 - Improper Analysis or Lab Error
Single Event Violation Date: 11/20/2019
Violation Code: E0013- Improper/ Incorrect Reporting
Single Event Violation Date: 11/20/2019

Section D: Signatory

Name and Signature of Inspector	Date
Lisa-kay Keen	**12/12/2019**
Name and Signature of Inspector	Date Click or tap to enter a date.
Name and Signature of QA Inspector / Manager C.L	Date **12/20/2019**

Montana Department of Environmental Quality
Water Quality Division
Compliance, Training, and Technical Assistance
Phone (406) 444-5546

INSPECTION REPORT

Entry/Introduction

The Compliance Evaluation Inspection (CEI) was completed on November 20, 2019, from 9:30 a.m. to 1:00 p.m. The following personnel were in attendance during the CEI: Neil Harnett, City of Thompson Falls (city) Public Works Director, and Lisa-kay Keen, Montana Department of Environmental Quality (DEQ) Compliance Inspector.

Thompson Falls Wastewater Treatment Facility (WWTF) is a three-cell lined aerated lagoon system with no disinfection capabilities. Cells 1 and 2 have 28 aerators each, and cell 3 has both aeration (14 aerators) and a quiescent zone with a total combined minimum detention time of 86 days. The WWTF is designed for an average flow of 0.141 million gallons per day (MGD) and a peak flow of 0.535 MGD. Influent flow is measured using lift station run times; effluent is measured using a Parshall flume with staff gauge as a primary flow measurement device and an ultrasonic meter as a secondary flow measurement device. The WWTF discharges to the Clark Fork River approximately 100 yards to the east of the lagoons; which is not listed as nutrient impaired at this location. The sanitary sewer collection system (SSCS) is a separate system serving a population of 1,378 residents. The SSCS piping contains approximately 5% clay/tile & orangeburg, 15% asbestos/cement, and 80% PVC piping. There is one (1) lift station.

The city is actively moving toward an upgrade. Upgrades could include any/all of the following: new headworks to include an automatic bar screen with manual bypass channel and grit removal, dredge all three cells and converting cell three to a sludge drying bed, aeration change from bottom aeration to hanging aerators, adding dividers in cells 1 and 2 to increase detention time, addition of UV disinfection, installing an auto-sampler at both the influent and effluent, and various improvements to the collection system (adding 333 connections, replacing all non-PVC piping, installing 2 lift stations, etc.). The city is currently working with an engineering company who has completed a PER; the city has chosen an option and they are working on final design prior to the bidding process in spring 2020.

Records Review

The following records were requested for review:

- Copy of the General Permit for Domestic Sewage Treatment Lagoons (General Permit)
- Copy of Montana Department of Environmental Quality (DEQ) Confirmation Letter
- Copy of the Completed Notice of Intent (NOI)
- Daily effluent flow values for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
    - Evaluated records for reported loading calculations for biochemical oxygen demand and total suspended solids

- In-house sampling records for pH for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
  - Evaluated records for reported minimum and maximum values
- Analytical results for biochemical oxygen demand and total suspended solids for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
  - Evaluated records for reported concentrations, loading, and percent removal values
- Analytical results for *Escherichia coli* bacteria (*E. coli*) for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
  - Evaluated records for reported geometric mean calculation values
- In-house sampling records for oil & grease for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
  - Evaluated records for reported visual assessment, and associated analytical results if present and sampled
- Analytical results for total ammonia and nitrate + nitrite for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
  - Evaluated records for reported concentration values
- Daily operational log reports for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
  - Evaluated records for proper sample collection documentation, holding times, and analytical methods
- Chain of Custody and Laboratory Analytical Reports for monitoring periods ending October 31, 2018, November 30, 2018, and December 31, 2018
  - Evaluated records for proper sample relinquish methods, holding times, and analytical methods
- Records of Laboratory Equipment and Controls, including records of equipment calibration
- Operation and Maintenance Manual for Domestic Sewage Treatment Lagoon
- Routine and Follow Up Inspections
- Inflow / Infiltration updated status (due July 14, 2022)
- Correspondence to DEQ
- Historic effluent violations from October 1, 2015, to present

The following findings were identified with the above requested records:

A. In-house sample log sheets do not contain required information. Specifically, the date, time, and initials of personnel conducting the visual analysis for oil and grease is not being documented. The city conducts visual analysis of the effluent for oil and grease three times a week, the information is not being documented. Sample dates, times, and personnel are required to be maintained for all sample collections and analysis per Parts II.A, II.B, IV.A, IV.K, and IV.L of the General Permit.

B. In-house sample log sheets do not contain required information. Specifically, the date, time, and initials of personnel collecting and conducting sample analysis for pH is not being documented. The city collects pH samples three times a week, and only one weekly sample collection information is being recorded on the chain of custody. Sample dates, times, and personnel are required to be maintained for all sample collections and analysis per Parts II.A, II.B, IV.A, IV.K, and IV.L of the General Permit.

C. The city is not properly preserving samples. Specifically, the city exceeded the preservation temperature of six degrees Celsius for samples collected on the following dates: October 2, 2018, November 7, 2018, and December 6, 2018. According to 40 CFR, Part 136, samples are required to be collected and preserved at or below six degrees Celsius. Monitoring and reporting are required to be completed per Parts IV.A and IV.M of the General Permit.

D. Calculation records do not use the correct data to complete calculations. Specifically, the city is using monthly average effluent flow values with average monthly concentration values and weekly maximum concentration values to calculate average and maximum loading values for biochemical oxygen demand and total suspended solids. Calculations for loading must use the daily concentration value and effluent flow value for the day the sample was collected. Monthly loading calculation include the average of all daily loading calculations within the month; weekly maximum loading values are the highest weekly loading average calculated within that month. Sample calculation and reporting is required to be completed per Parts II.A and II.B of the General Permit.

E. The city is not properly reporting concentration and loading values. Specifically, for monitoring period ending December 31, 2018, the city reported concentration values in the loading location on NetDMR, and the loading values in the concentration location on NetDMR, for biochemical oxygen demand and total suspended solids. Sample reporting is required to be completed per Part IV.S of the General Permit.

F. The city has reported six (6) parameter exceedances since January 1, 2015***. The city exceeded the *E. coli* bacteria parameter at outfall 001-A for the following monitoring periods: May 31, 2018** (daily maximum), May 31, 2018* (monthly geometric mean), September 30, 2018* (daily maximum), September 30, 2018* (monthly geometric average), October 31, 2018** (daily maximum), and October 31, 2018** (monthly geometric average). The city stated they are aware of the exceedances, and that the exceedances are most likely due to lagoon turnovers. Proper operations and maintenance of facility systems is required as per Part IV.E, and numeric effluent limits are required to be met per Part II.A of the General Permit. In the written response to this finding, please include a description of the upgrade options and a timeframe to apply for loans and grants and initiate upgrades.

G. The city submitted one (1) incomplete discharge monitoring report (DMR) and one (1) non-submittal of a DMR for outfall 001-A, since January 1, 2015***. For monitoring period ending January 31, 2018, the city submitted an incomplete DMR; missing monitoring values for nitrate + nitrite. For monitoring period ending August 31, 2019, the city did not submit a DMR for outfall 001-A. A review of NetDMR, and the corresponding copy of record (COR), shows the August DMR was submitted on September 12, 2019, within the required timeframe; however, the DMR was missing Oil & Grease parameter monitoring results. If samples were not analyzed, the operator must use NODI code E in place of parameter results. In the written response to this finding, please include a statement to indicate whether the DMRs were updated with either the sample results or NODI code E. **Please note,** when changing results to a previously submitted report (including attachments), notify the Water Protection Bureau's Data Management Team to ensure compliance with submission dates. Reporting of monitoring is required to be completed per Parts II.B and IV.S of the General Permit.

**DEQ considers these exceedances to be Significant Noncompliance (SNC*). An exceedance is a SNC when the numeric effluent limit violation is in excess of 40% or greater for Group I Pollutants or an exceedance of 20% or greater for Group II Pollutants. Group I and II Pollutants are defined in 40 CFR 123.45. A list is provided after the*

conclusion in this inspection report. A SNC is considered the most serious level of violation because the violation or noncompliance event may pose a more severe level of concern for the environment or program integrity. Please refer to the information provided after the conclusion of this inspection report for further detail.

** *DEQ considers these exceedances and incomplete DMR submittals to be Reportable Noncompliance (RNC). An exceedance is a RNC when the numeric effluent violation is below the 40% threshold for Group I Pollutants or the exceedance is below the 20% threshold for Group II Pollutants. Group I and II Pollutants are defined in 40 CFR 123.45. A list is provided after the conclusion in this inspection report. DEQ also considers the submittal of late, missing, or incomplete DMRs to be RNC. Although the gravity of a RNC is not as severe as Significant Noncompliance (SNC), RNC is considered a violation or noncompliance event that may represent operation and maintenance problems, design inadequacies, improper treatment, or other items that may impact the environment. Please refer to the information provided after the conclusion of this inspection report for further detail.*

*** *See Attachments A and B for further information.*

Facility Site Evaluation

The following areas were reviewed during the facility site evaluation:

- Influent lift station (photo 1)
- Influent Sampling Location (photo 2)
- Influent splitter box (photo 3)
- Lagoon Pond 1 (photo 4)
- Lagoon Pond 2 (photo 5)
- Lagoon Pond 3 (photo 6)
- Single level effluent draw structure (photo 7)
- Effluent Parshall flume & ultrasonic meter (photo 8)

There were no findings identified in the areas evaluated.

Conclusion

In order to return to the compliance, DEQ is requiring the following corrective actions be completed:

1.) Submit a written explanation detailing how the City of Thompson Falls has corrected each of the lettered findings (Items A to G) in the Records Review section of the inspection report.

***Group I Pollutants**

Oxygen Demand
Biochemical Oxygen Demand
Chemical Oxygen Demand
Total Oxygen Demands
Total Organic Carbon
Other
Solids
Total Suspended Solids (Residues)
Total Dissolved Solids (Residues)
Other
Nutrients

Inorganic Phosphorus Compounds
Inorganic Nitrogen Compounds
Other
Detergents and Oils
MBAS
NTA
Oil and Grease
Other detergents or algaecides
Minerals
Calcium
Chloride
Fluoride
Magnesium
Sodium
Potassium
Sulfur
Sulfate
Total Alkalinity
Total Hardness
Other Minerals
pH –
pH of 0.5 SU above or below permit limit is a Group I Pollutant - SNC
Metals
Aluminum
Cobalt
Iron
Vanadium

****Group II Pollutants**
Metals (all forms)
Other metals not specifically listed under Group I
Inorganic
Cyanide
Total Residual Chlorine
Organics
All organics are Group II except those specifically listed under Group I.

Lisa-Kay Keen

Inspector Signature

December 12, 2019
Date

Montana Department of Environmental Quality – Compliance, Training, and Technical Assistance Photo Form

Permit Number: MTG581035	Weather: Partly cloudy / 45 / recent rain
Facility/Permittee: City of Thompson Falls	Photographer: Lisa-kay Keen
Location: Thompson Falls	Camera: iPhone 6
County: Sanders County	Page 1

Photo 1:

Influent lift station.

Photo 2:

Lift station wet well – location of influent sample collection.

Photo 3:

Influent splitter box to cell 1 or 2.

Photo 4:

Lagoon cell 1

Signature: Lisa-kay Keen

Date: 11/20/2019

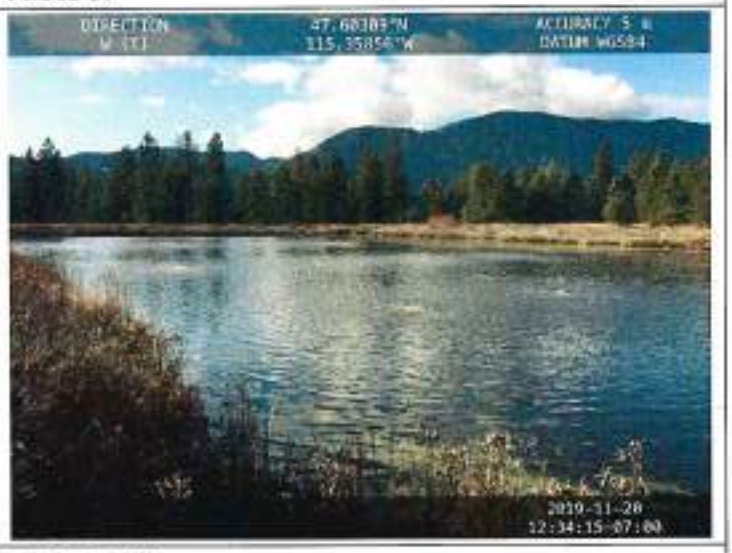
Montana Department of Environmental Quality – Compliance, Training, and Technical Assistance Photo Form

Permit Number: MTG581035	Weather: Partly cloudy / 45 / recent rain
Facility/Permittee: City of Thompson Falls	Photographer: Lisa-kay Keen
Location: Thompson Falls	Camera: iPhone 6
County: Sanders County	Page 2

Photo 5:

Lagoon cell 2

Photo 6:



Lagoon cell 3

Photo 7:

Telescoping effluent discharge structure.

Photo 8:

Effluent flow meters. Parshall flume with ultrasonic meter.

Signature: Lisa-kay Keen

Date: 11/20/2019

RESPONDENT: CITY OF THOMPSON FALLS WWTF
ATTACHMENT A : Effluent Limitation Exceedance Violations

2018

Outfall	Parameter Desc	Statistical Base Short Desc	Monitoring Period End Date	Permit Limits		DMR VALUE	% Excd	SNC*
001-A	E. coli, MTEC-MF	DAILY MX	5/31/2018	252	#/100mL	345.	37	
001-A	E. coli, MTEC-MF	GEO MEAN	5/31/2018	126	#/100mL	182.	44	Yes
001-A	E. coli, MTEC-MF	DAILY MX	9/30/2018	252	#/100mL	411.	63	Yes
001-A	E. coli, MTEC-MF	GEO MEAN	9/30/2018	126	#/100mL	217.	72	Yes
001-A	E. coli, MTEC-MF	DAILY MX	10/31/2018	252	#/100mL	291.	15	
001-A	E. coli, MTEC-MF	GEO MEAN	10/31/2018	126	#/100mL	133.23	6	

MTG581035

RESPONDENT: CITY OF THOMPSON FALLS WWTF

ATTACHMENT B : Discharge Monitoring Report Violations

2019			
Outfall	Monitoring Period End Date	DMR Received Date	Comments
001-A	8/31/2019		DMR not submitted
2018			
Outfall	Monitoring Period End Date	DMR Received Date	Comments
001-A	1/31/2018	2/21/2018	DMR submitted incomplete

ATTN: LISA-KAY KEEN,

On section A, finding of daily grease visual

We have installed on our daily log sheet, columns for the visual of the daily grease. We have a spot for no grease visual, or visual grease, to be checked each day. Also a spot for dates, times, and who did the inspection.

On section B, PH sampling

City is required to sample 1 time a week, which we do and we record this and the date, where was taking, time and the results. We also calibrate the PH meter each time we do a sample.

On section C, Sample temp when lab receives samples

We try our best to meet the temp, we mail samples late as possible in the day, ice the samples. We will try more ice to try to meet these temps. Only other result would be to drive samples to the lab, which is a possibility if we are not able to keep the temp at recommended temp.

On section D, Correct data used

Looked at the Net DMR and saw the mistake of wrong data in the wrong place, took action and corrected the issues and resubmitted NET DRM.

On section E, Correct data on NET DMR

Also looked at the info on this NET DMR and changed the loading and concentrate values to the correct figures, turned in corrected NET DMR

On section F, E-Coli violations

The city realized the issues with the E-coli as the turnover of the lagoon cells. We are in the process of a plant and collection system up grade. We will add a head works with automated bar screen with a manual by pass channel, dredge the cells, changing aeration from bottom to top. The dividing of cells will allow for more detention time, we will also be adding ultraviolet disinfection, and also a reactor cell.

Add in my report is a copy of grants and loans report, also the time table for the project.

On section G, NET DMR

Action has been taking, operator missed the values to be inputted, and corrected and turned in on NET DMR.

APPENDIX DD

Existing Water and Sewer Billing

SERVICES: WATER SEWER

METER SIZES: ALL

SUBDIVISIONS: ALL

Service Usage For Active Units

User Type		Usage	Charges	Number
SEWER				
COMMERCIAL		34600	3568.75	46
RESIDENTIAL		24300	4271.27	92
	Subtotal for Service SEWER :	58500	7840.02	138
WATER				
COMMERCIAL		40150	4190.63	51
IRRIGATION		5100	44.55	1
RESIDENTIAL		257000	10325.53	556
	Subtotal for Service WATER :	302000	14560.36	708
	Grand Total :	**3511160**	**44404.37**	**836**

SERVICES: SEWER

METER SIZES: ALL

SUBDIVISIONS: ALL

Service / User Type	Usage - Active Units	Charges	Number
SEWER			
COMMERCIAL	314600	5561.75	45
RESIDENTIAL	243900	4271.27	82
Subtotal for Service SEWER :	558500	9842.02	128
Grand Total :	**558500**	**9842.02**	**128**

SERVICES: SEWER

SECTIONS: ALL

Service / Rate Code	Usage in Actual Units / Month's Usage	Charges	Number		
SEWER					
COMMERCIAL	[illegible]	[illegible]	16	1	0
COMMERCIAL-1	[illegible]	[illegible]	4	1	1
COMMERCIAL-2	[illegible]	[illegible]	1	1	1
COMMERCIAL-3	[illegible]	[illegible]	2	0	1
COMMERCIAL	[illegible]	[illegible]	8	0	1
COMMERCIAL	[illegible]	[illegible]	1	0	0
COMMERCIAL	[illegible]	[illegible]	2	0	1
COMMERCIAL	[illegible]	[illegible]	1	0	1
COMMERCIAL	[illegible]	[illegible]	1	0	1
COMMERCIAL	[illegible]	[illegible]	1	0	0
COMMERCIAL	[illegible]	[illegible]	1	0	0
[illegible]	[illegible]	[illegible]	1	0	1
[illegible]	[illegible]	[illegible]	4	0	0
[illegible]	[illegible]	[illegible]	1	1	1
RESIDENTIAL	[illegible]	[illegible]	7	1	1
RESIDENTIAL-1	[illegible]	[illegible]	1	0	1
RESIDENTIAL	[illegible]	[illegible]	1	0	1
RESIDENTIAL-2	[illegible]	[illegible]	2	0	1
RESIDENTIAL	[illegible]	[illegible]	21	0	0
RESIDENTIAL	[illegible]	[illegible]	1	0	0
Subtotal for Service SEWER :	[illegible]	[illegible]	129	0	0
Grand Total :	**588500**	**9842.02**	**128**	**0**	**0**

Service Type

Comment

Rate Code Description

-- Rate Code Adjustment Factors --

Line #	Usage Over	Base	Rate Over Usage	Line #	Usage Over	Base	Rate Over Usage
WATER							
COM-MTR-1X							
1		40.00		1			
2	2,000	40.00	1.500000	2			
WATER							
COM-MTR-2X							
1		43.85		1			
2	3,000	43.85	1.500000	2			
WATER							
COM-MTR-3X							
1		48.85		1			
2	4,000	48.85	1.500000	2			
WATER							
COM-MTR-4X							
1		53.85		1			
2	5,000	53.85	1.500000	2			
WATER							
COM-MTR-5X							
1		58.85		1			
2	6,000	58.85	1.500000	2			
WATER							
COM-MTR-10X							
1		98.85		1			
2	9,000	98.85	1.500000	2			
WATER							
COM-MTR-20X							
1		173.85		1			
2	9,000	173.85	1.500000	2			
WATER							
COM2WE51							
1		48.85		1			
2	8,000	48.85	4.000000	2			
WATER							
EDU-1							
1		71.85		1			
2	2,000	71.85	1.500000	2			
WATER							
EDU-1.5							
1		163.00		1			

Service Type | Comment

Rate Code Description | -- Base Code Adjustment Factors --

Line #	Usage Over	Base	Rate Over Usage	Line #	Usage Over	Base	Rate Over Usage
2	2 000	160 00	1 5000000	2			

WATER

EDU-2

1		285 60		1			
2	2 000	285 60	1 5000000	2			

WATER

EDU-3

1		510.00		1			
2	2 000	510.00	1.5000000	2			

WATER

EDU-4

1		1147 80		1			
2	2 000	1147 80	1 5000000	2			

WATER

NONE

WATER

RES-MTR-1X

1		40.00		1			
2	2 000	40.00	1 5000000	2			

WATER

RES-MTR-2X

1		42.85		1			
2	3 000	42.85	1 5000000	2			

WATER

RES-MTR-3X

1		45.85		1			
2	3 000	45.85	1 5000000	2			

WATER

RES-MTR-4X

1		53.85		1			
2	9 000	53.85	1 5000000	2			

WATER

RES-MTR-5X

1		56.25		1			
2	8 000	56 25	1 5000000	2			

WATER

RES-MTR-6X

1		59.85		1			
2	8 000	59.85	1 5000000	2			

WATER

RES-MTR-20X

Service Type | Comment

Rate Code Description | -- Rate Code Adjustment Factors --

Line #	Usage Over	Base	Rate Over Usage	Line #	Usage Over	Base	Rate Over Usage
1		173.86		1			
2	5,000	173.86	1.5000000	2			

WATER

SPC-PERM DISCONNECT

WATER

SPC-SCHILLING

1		2.00		1			

WATER

SPC-TREE-ORCHARD

1		1000.00		1			

WATER

SPC-VACATION RATE C

1		30.00		1			

SEWER

COM-ACT+ 5K

1		125.00		1			
2	12,000	125.00	4.1000000	2			

SEWER

COM-ACT+1X

1		65.00		1			
2	4,000	65.00	4.1000000	2			

SEWER

COM-ACT+2X

1		80.00		1			
2	5,000	80.00	4.1000000	2			

SEWER

COM-ACT+3X

1		95.00		1			
2	10,000	95.00	4.1000000	2			

SEWER

COM-ACT+4X

1		110.00		1			
2	10,000	110.00	4.1000000	2			

SEWER

COM-AVG

1		45.00		1			

SEWER

COM-AVG+1X

1		65.00		1			
2	4,000	65.00	4.1000000	2			

Service Type | Comment

Rate Code Description | – Rate Code Adjustment Factors –

Line #	Usage Over	Base	Rate Over Usage	Line #	Usage Over	Base	Rate Over Usage
SEWER							
COM-AVG+2X							
1		90.00		1			
2	6,000	90.00	4.1500000	2			
SEWER							
COM-AVG+3X							
1		95.00		1			
2	8,000	95.00	4.1500000	2			
SEWER							
COM-AVG+4X							
1		110.00		1			
2	10,000	110.00	4.1500000	2			
SEWER							
COM-AVG+5X							
1		125.00		1			
2	12,000	125.00	4.1500000	2			
SEWER							
COM-RES-ACT							
1		85.00		1			
2	4,000	85.00	4.1500000	2			
SEWER							
COMRES1							
1		125.00		1			
2	6,000	125.00	4.1500000	2			
SEWER							
COMRES2							
1		125.00		1			
2	9,000	125.00	4.1500000	2			
SEWER							
COMRES2							
1		125.00		1			
2	12,000	125.00	4.1500000	2			
SEWER							
COM2X-RES							
1		85.00		1			
2	6,000	85.00	4.1500000	2			
SEWER							
COMRES1							
1		85.00		1			
2	12,000	85.00	4.1500000	2			

Service Type | Comment

Rate Code Description | – Rate Code Adjustment Factors –

Line #	Usage Over	Base	Rate Over Usage	Line #	Usage Over	Base	Rate Over Usage
SEWER							
EDU-1-AVG							
1		80.55		1			
2	2000	80.55	4.1000000	2			
SEWER							
EDU-1.0							
1		80.55		1			
2	2000	80.55	4.1000000	2			
SEWER							
EDU-1.5							
1		160.00		1			
2	2500	160.00	4.1000000	2			
SEWER							
EDU-1.5-AVG							
1		160.00		1			
2	2000	160.00	4.1000000	2			
SEWER							
EDU-2.0							
1		321.30		1			
2	2000	321.30	4.1000000	2			
SEWER							
EDU-2.0-AVG							
1		321.30		1			
2	2000	321.30	4.1000000	2			
SEWER							
NONE							
SEWER							
RES-ACT							
1		40.00		1			
2	2000	40.00	4.1000000	2			
SEWER							
RES-ACT+1X							
1		80.00		1			
2	4000	80.00	4.1000000	2			
SEWER							
RES-ACT+27X							
1		1120.00		1			
2	55000	1120.00	4.1000000	2			
SEWER							
RES-ACT+2X							
1		120.00		1			

Service Type | Comment

Rate Code Description | -- Rate Code Adjustment Factors --

Line #	Usage Over	Rate	Rate Over Usage	Line #	Usage Over	Rate	Rate Over Usage
2	0.000	120.00	4.1000000	2			

SEWER

RES-ACT+3X

1		160.00		1			
2	2.000	160.00	4.1300000	2			

SEWER

RES-ACT+4X

1		220.00		1			
2	10.000	220.00	4.1000000	2			

SEWER

RES-AVG

1		40.00		1			
2	2.000	40.00	4.1000000	2			

SEWER

RES-AVG+1

1		80.00		1			
2	4.000	80.00	4.1000000	2			

SEWER

RES-AVG+2X

1		120.00		1			
2	6.000	120.00	4.1000000	2			

SEWER

RES-AVG+3X

1		160.00		1			
2	8.000	160.00	4.1000000	2			

SEWER

RES-AVG+4X

1		200.00		1			
2	10.000	200.00	4.1000000	2			

SEWER

SPC-BANK: OCT-APR

1				1			

SEWER

SPC-BANKRUPT SEWER

SEWER

SPC-FALLS MOTEL

1				1			

MISCELLANEOUS

COM-ACT

1		45.00		1			
2	4.000	45.00	4.1000000	2			

Service Type

Comment

Rate Code Description

-- Rate Code Adjustment Factors --

Line #	Usage Over	Rate	Rate Over Usage	Line #	Usage Over	Rate	Rate Over Usage

MISCELLANEOUS

DEQ ANNUAL FEE

		2.00		1			

BLACK MOUNTAIN SOFTWARE UTILITY BILLING SYSTEM — CITY OF THOMPSON FALLS

METER SIZES SUMMARY — Data for Meter Sizes as of 05/12/2020 Metered Accounts Only Primary Accounts Only — 13:43:20 - 05/12/2020

Meter Size	Count
0.50	688
..	6
1.0"	12
2	3
3.0"	3

Total Count: 709

SERVICES: WATER SEWER

SECTIONS: ALL

Service / Rate Code	Usage in Actual Units Monthly Usage	Charges	Number		
SEWER					
COMMACT	42600	[illegible]	20	0	0
COMMACT+10%	22200	962.11	9	0	0
COMMACT+20%	5700	240.00	3	0	0
COMMACT+50%	5700	120.00	2	0	0
COMM-AVG	2200	360.00	6	0	0
COMM-AVG-50%	4900	90.00	1	0	0
COMMRES1	7600	250.00	2	0	0
COMMRES2	1300	156.96	1	0	0
COMMRES7	3900	125.00	[illegible]	0	0
COMMWRES	4500	95.00	[illegible]	0	0
COMMRES1	2800	95.00	1	0	0
EDU-11	150000	620.67	3	0	0
EDU-11 SAVG	19600	756.52	4	0	0
EDU-20	6900	341.25	1	0	0
RESACT	6400	295.20	7	0	0
RESACT+10%	0	62.20	1	0	0
RESACT+20%	66300	1060.23	1	0	0
RESACT+30%	8600	320.00	2	0	0
RES-AVG	157400	7725.36	61	0	0
RES-AVG+50%	8400	161.54	1	0	0
Subtotal for Service SEWER	**588510**	**9942.02**	**132**	0	0
WATER					
COMMTR+10%	25500	2130.10	48	0	0
EDU-1	114400	5117.00	5	0	0
EDU-5	106200	1675.50	5	0	0
EDU-7	178000	1100.50	3	0	0
EDU-9	49000	1366.20	2	0	0
RESMTR+10%	2860650	26645.05	316	0	0
SPC-SCHILLING	0	2.00	1	0	0
SPC-VACATION RATE C	600	390.00	22	0	0
Subtotal for Service WATER :	**2922650**	**34462.35**	**706**	0	0
Grand Total :	**3511160**	**44404.37**	**836**	**0**	**0**

RATE CODES: ALL
BILLING CODES: 1 FULL CHARGES 2 PRORATED OR FULL INITIAL CHARGES 3 PRORATED OR FULL FINAL CHARGES
USER TYPES: ALL
SERVICE: WATER

Account / Customer Name / Additional Name	Rate Code / User Type / Customer Billing Address	Route Meter	Billing Code / Service Address / Customer City, State and Zip
000020-00 BLAKNEY, JASON & HAYLEY	RES-MTR-1X RESIDENTIAL PO BOX 451	07-00420	FULL CHARGES 705 SOUTHWOOD COUR THOMPSON FALLS MT 59873-245
000022-00 BETTY TILLMAN & MARTHA	RES-MTR-1X RESIDENTIAL PO BOX 1064	07-00422	FULL CHARGES 400 GREENWOOD STREET THOMPSON FALLS MT 59873-1064
000423-00 SCHILLING, CUSTIN	RES-MTR-1X RESIDENTIAL PO BOX 1748	08-00423	FULL CHARGES 520 CHURCH ST THOMPSON FALLS MT 59873 1748
000424-00 WILLIAMS, H. THOMAS	RES-MTR-1X RESIDENTIAL PO BOX 1289	08-00424	FULL CHARGES 711 GRIZZLY DR THOMPSON FALLS MT 59873-1289
000425-00 BRYAN H. TRACY AND JANET L. TRACY LIVING TRUST	RES-MTR-1X RESIDENTIAL PO BOX 476	08-00425	FULL CHARGES 504 ASPEN COURT THOMPSON FALLS MT 59873-3476
000426-00 TRAVER, DEBBIE & TERRY	RES-MTR-1X RESIDENTIAL PO BOX 612	07-00426	FULL CHARGES 701 SOUTHWOOD COUR THOMPSON FALLS MT 59873-0612
000429-00 PERKINS, BROOK	RES-MTR-1X RESIDENTIAL PO BOX 352	07-00429	FULL CHARGES 304 WOODLAND ST THOMPSON FALLS MT 59873-2092
000430-00 LITTKENS FAMILY LLC	RES-MTR-1X RESIDENTIAL PO BOX 1000	07-00430	FULL CHARGES 1102 MOUNT SILCOX DR THOMPSON FALLS MT 59873-1030
000431-00 LEUTKENS FAMILY LLC	RES-MTR-1X RESIDENTIAL PO BOX 1030	07-00431	FULL CHARGES 1104 MOUNT SILCOX DR THOMPSON FALLS MT 59873-1030
000432-00 MOORE, ELIZABETH	RES-MTR-1X RESIDENTIAL 1227 BLUE SLIDE ROAD	07-00432	FULL CHARGES 996 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873
000433-00 MOORE, ELIZABETH	RES-MTR-1X RESIDENTIAL 1227 BLUE SLIDE ROAD	07-00433	FULL CHARGES 998 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873
000434-00 PARKER, RON & GWEN	RES-MTR-1X RESIDENTIAL PO BOX 1258	08-00434	FULL CHARGES 532 GRIZZLY DR THOMPSON FALLS MT 59873 1258
100005-00 THOMPSON FALLS ASSEMBLY OF GOD	RES-MTR-1X RESIDENTIAL PO BOX 1029	08-00305	FULL CHARGES 1124 PRESTON AVENUE W THOMPSON FALLS MT 59873-1029
100010-00 ASSEMBLY OF GOD CHURCH	RES-MTR-1X RESIDENTIAL PO BOX 1029	08-00310	FULL CHARGES 1120 PRESTON AVENUE W THOMPSON FALLS MT 59873-1029
100015-00 ASSEMBLY OF GOD CHURCH	RES-MTR-1X RESIDENTIAL PO BOX 1029	08-00315	FULL CHARGES 1122 PRESTON AVENUE W THOMPSON FALLS MT 59873-1029
100020-00 SHANER, TASHA & SANDRA	RES-MTR-1X RESIDENTIAL 1100 PRESTON AVE W	08-00320	FULL CHARGES 1106 PRESTON AVENUE W - HOUSE THOMPSON FALLS MT 59873
100030-00 HENSYEL, RICKEY	RES-MTR-1X RESIDENTIAL 1114 PRESTON AVE W	08-00330	FULL CHARGES 1114 PRESTON AVENUE W THOMPSON FALLS MT 59873
100610-00 ASH CH, ADRIENNE	RES-MTR-1X RESIDENTIAL PO BOX 3	08-00240	FULL CHARGES 102 WOOD STREET THOMPSON FALLS MT 59873 0003
100650-00 ROSHAM, LYNN C & JUDY P	RES-MTR-1X RESIDENTIAL PO BOX 1877	08-00250	FULL CHARGES 227 WOOD STREET THOMPSON FALLS MT 59873-1877
100660-00 SNYDER, JOEL L	RES-MTR-1X RESIDENTIAL PO BOX 1758	08-00260	FULL CHARGES 214 WOOD STREET THOMPSON FALLS MT 59873-1758
100670-00 RAYMOND, JOHN & JUDY	RES-MTR-1X RESIDENTIAL PO BOX 2535	08-00265	FULL CHARGES 210 WOOD STREET THOMPSON FALLS MT 59873 2535

Account Customer Name Additional Name	Rate Code User Type Customer Billing Address	Route - Meter Service Address Customer City, State and Zip	Billing Code
100070-00 TOMAS, SAMUEL J & MARCELLA R	RES-WTR-1X RESIDENTIAL 196 ACI LOOP	08-00740	FULL CHARGES 210 WOOD STREET KALISPELL MT 5990'
100360-00 TOMAS, SAMUEL & MARCELLA	SPC-VACATION RATE C RESIDENTIAL 196 ACI LOOP	08-00060	FULL CHARGES 1014 OGDEN AVENUE W KALISPELL MT 5990'
100080-00 MAGY, JOHN & EVELYN	RES-WTR-1X RESIDENTIAL PO BOX 961	08-00080	FULL CHARGES 217 WOOD STREET THOMPSON FALLS MT 59873-096'
100100-00 WEST, GINA	RES-WTR-1X RESIDENTIAL PO BOX 1998	08-00100	FULL CHARGES 220 WOOD STREET THOMPSON FALLS MT 59873-1998
100110-00 COLE, BRIAN & HOYLA	RES-WTR-1X RESIDENTIAL PO BOX 1342	08-00110	FULL CHARGES 1210 HALEY AVENUE W THOMPSON FALLS MT 59873-1342
100120-00 MARBELIN, ELIZABETH	RES-WTR-1X RESIDENTIAL PO BOX 23'	08-00120	FULL CHARGES 1214 HALEY AVENUE W THOMPSON FALLS MT 59873-023'
100150-00 SUND, JACOB & DEANNE	RES-WTR-1X RESIDENTIAL PO BOX 2361	08-00150	FULL CHARGES 1206 HALEY AVENUE W THOMPSON FALLS MT 59873-2361
100160-00 ANDERSON, RENE	RES-WTR-1X RESIDENTIAL PO BOX 282	08-00160	FULL CHARGES 303 WOOD STREET THOMPSON FALLS MT 59873-0282
100170-00 SUND, FORREST D & LINDA M	RES-WTR-1X RESIDENTIAL PO BOX 1999	08-00170	FULL CHARGES 304 WOOD STREET THOMPSON FALLS MT 59873-1999
100180-00 ANDERSON, EARL & RENE	RES-WTR-1X RESIDENTIAL PO BOX 282	08-00180	FULL CHARGES 311 WOOD STREET THOMPSON FALLS MT 59873-0282
100185-00 KONOVA, FRANK	RES-WTR-1X RESIDENTIAL PO BOX 532	08-00185	FULL CHARGES 314 WOOD STREET THOMPSON FALLS MT 59873-0532
100190-00 TOMAS, SAM & MARCIE	RES-WTR-1X RESIDENTIAL 196 ACI LOOP	08-00190	FULL CHARGES 1012 PRESTON AVENUE W KALISPELL MT 5990'
100200-00 HAINES, PAUL C.	RES-WTR-1X RESIDENTIAL PO BOX 1479	08-00200	FULL CHARGES 102 PARK STREET THOMPSON FALLS MT 59873-1479
100210-00 WALLASTON, TILLIE	RES-WTR-1X RESIDENTIAL PO BOX 1075	08-00210	FULL CHARGES 105 PARK STREET THOMPSON FALLS MT 59873-1075
100220-00 BROWNE, RICHARD & LINDA	RES-WTR-1X RESIDENTIAL PO BOX 1827	08-00220	FULL CHARGES 108 PARK STREET THOMPSON FALLS MT 59873-1827
100230-00 HART, CHRISTOPHER	RES-WTR-1X RESIDENTIAL PO BOX 2159	08-00230	FULL CHARGES 205 PARK STREET THOMPSON FALLS MT 59873-2159
100240-00 THOMPSON, EDWARD R & TERRY	RES-WTR-1X RESIDENTIAL PO BOX 171	08-00240	FULL CHARGES 202 PARK STREET THOMPSON FALLS MT 59873-0171
100250-00 JOHNSON, DAVID S	SPC-VACATION RATE C RESIDENTIAL 710 PRESTON AVE W	08-00250	FULL CHARGES 206 PARK STREET THOMPSON FALLS MT 59873
100260-00 FISHER, TRAVIS R	RES-WTR-1X RESIDENTIAL PO BOX 7	08-00260	FULL CHARGES 210 PARK STREET THOMPSON FALLS MT 59873-0071
100270-00 KOSTKA, LUCAS RC & AUTUMN	RES-WTR-1X RESIDENTIAL PO BOX 2087	08-00270	FULL CHARGES 219 PARK STREET THOMPSON FALLS MT 59873-2087
100280-00 FRANKE, KAY	RES-WTR-1X RESIDENTIAL PO BOX 1000	08-00280	FULL CHARGES 811 HALEY AVE W THOMPSON FALLS MT 59873-1503
100290-00 FRANKE, KAY	RES-WTR-1X RESIDENTIAL PO BOX 1000	08-00290	FULL CHARGES 222 PARK STREET THOMPSON FALLS MT 59873-1503
100300-00 BRAY, BRITT	RES-WTR-1X RESIDENTIAL PO BOX 244	08-00300	FULL CHARGES 306 PARK STREET THOMPSON FALLS MT 59873-0244
100310-00 DESAULT, ROBERT & TONI	RES-WTR-1X RESIDENTIAL PO BOX 1675	08-00310	FULL CHARGES 301 PARK STREET THOMPSON FALLS MT 59873-1675
100315-00 SCHOSTRUM, DANIEL & RUCHANNE	RES-WTR-1X RESIDENTIAL PO BOX 1347	08-00315	FULL CHARGES 310 PARK STREET TROUT CREEK MT 59874-1347
100317-00 BORGMANN, MATTHEW & KRYSTAL	RES-WTR-1X RESIDENTIAL PO BOX 792	08-00317	FULL CHARGES 315 PARK STREET THOMPSON FALLS MT 59873-0792

Account	Rate Code	Route - Meter	Billing Code
Customer Name Additional Name	User Type Customer Billing Address		Service Address Customer City, State and Zip
100320.00 BORGMANN, ROSEMARY	RES-MTR-1X	08-00320	FULL CHARGES 321 PARK STREET THOMPSON FALLS MT 59873-0697
100330.00 MCLEHAN, PAUL	RES-MTR-1X	08-00330	FULL CHARGES 506 FINLEY AVENUE W THOMPSON FALLS MT 59873-1034
100340.00 ROBERT PROPERTIES LLC ROBERT, WAYNE & MARY	COM-MTR-1X	08-00340	FULL CHARGES 904 PRESTON AVENUE W HAINS MT 59859-0665
100345.00 DEWITT, CATHERINE	RES-MTR-1X	08-00351	FULL CHARGES 102 GALLATIN STREET N THOMPSON FALLS MT 59873-2140
100360.00 DAY, YEJINDA	RES-MTR-1X	08-00360	FULL CHARGES 107 GALLATIN STREET N THOMPSON FALLS MT 59873-0951
100370.00 CONLEY, STEVEN & ASHLEY	RES-MTR-1X	08-00370	FULL CHARGES 114 GALLATIN STREET N THOMPSON FALLS MT 59873-1457
100380.00 KRICK, BRIAN & LARA	RES-MTR-1X	08-00380	FULL CHARGES 110 GALLATIN STREET N TROUT CREEK MT 59874
100390.00 BROWN, JASON D.	RES-MTR-1X	08-00390	FULL CHARGES 200 GALLATIN STREET N THOMPSON FALLS MT 59873-1812
100400.00 SHEAR, JARED & JENNIFER	RES-MTR-1X	08-00400	FULL CHARGES 204 GALLATIN STREET N THOMPSON FALLS MT 59873-2222
100410.00 VERJAN C., LYNN R	RES-MTR-1X	08-00410	FULL CHARGES 211 GALLATIN STREET N THOMPSON FALLS MT 59873-1122
100420.00 HERDEN, DAVID & VICKIE	RES-MTR-1X	08-00420	FULL CHARGES 212 GALLATIN STREET N THOMPSON FALLS MT 59873-2412
100430.00 SHERMANUS, RANDY	RES-MTR-1X	08-00430	FULL CHARGES 216 GALLATIN STREET N THOMPSON FALLS MT 59873
100440.00 PAVLIK, LINDE	RES-MTR-1X	08-00440	FULL CHARGES 222 GALLATIN STREET N THOMPSON FALLS MT 59873-2212
100450.00 CULLEN, SANDRA	RES-MTR-1X	08-00450	FULL CHARGES 306 GALLATIN STREET N THOMPSON FALLS MT 59873-0853
100460.00 MORAHAN, LINDA	RES-MTR-1X	08-00460	FULL CHARGES 311 GALLATIN STREET N THOMPSON FALLS MT 59873-1771
100470.00 TRAIN, ANTHONY & CHRISTINA	RES-MTR-1X	08-00470	FULL CHARGES 312 GALLATIN STREET N THOMPSON FALLS MT 5987[illegible]
100480.00 GREENWOOD HOLDINGS LLC	RES-MTR-1X	08-00480	FULL CHARGES 317 GALLATIN STREET N TROUT CREEK MT 59874-1406
100490.00 GROSHONG, BERNIE	RES-MTR-1X	08-00490	FULL CHARGES 322 GALLATIN STREET N THOMPSON FALLS MT 59873-1754
100510.00 ISCITELLO, BRUCE	RES-MTR-1X	08-00510	FULL CHARGES 401 GALLATIN STREET N THOMPSON FALLS MT 59873-2139
100520.00 LAY, LINDA	RES-MTR-1X	08-00520	FULL CHARGES 405 GALLATIN STREET N THOMPSON FALLS MT 59873-1477
100530.00 WILSON, CYNTHIA C.	RES-MTR-1X	08-00530	FULL CHARGES 402 GALLATIN STREET N THOMPSON FALLS MT 59873-1311
100540.00 JOHNSON, DAVID & PATRICIA	RES-MTR-1X	08-00540	FULL CHARGES 710 PRESTON AVENUE W THOMPSON FALLS MT 59873
100550.00 MOTT, ELIZABETH	RES-MTR-1X	08-00550	FULL CHARGES 604 PRESTON AVENUE W THOMPSON FALLS MT 59873-1343
100560.00 PARROTT, JODY R.	RES-MTR-1X	08-00560	FULL CHARGES 716 PRESTON AVENUE W GRANTS PASS OR 97526
100570.00 TURK, RON	RES-MTR-1X	08-00570	FULL CHARGES 105 MADISON STREET N THOMPSON FALLS MT 59873-0951
100580.00 HILL, CAROL	RES-MTR-1X	08-00580	FULL CHARGES 106 MADISON STREET N THOMPSON FALLS MT 59873-1942

RESIDENTIAL PO BOX 89	
RESIDENTIAL PO BOX 1084	
RESIDENTIAL PO BOX 958	
RESIDENTIAL PO BOX 2143	
RESIDENTIAL PO BOX 486	
RESIDENTIAL PO BOX 1481	
RESIDENTIAL 28 HARMONY LN	
RESIDENTIAL PO BOX 1812	
RESIDENTIAL PO BOX 2722	
RESIDENTIAL PO BOX 1122	
RESIDENTIAL PO BOX 2412	
RESIDENTIAL 216 N GALLATIN ST	
RESIDENTIAL PO BOX 512	
RESIDENTIAL PO BOX 853	
RESIDENTIAL PO BOX 1771	
RESIDENTIAL 4521 MT HWY 200	
RESIDENTIAL PO BOX 1406	
RESIDENTIAL PO BOX 1764	
RESIDENTIAL PO BOX 2168	
RESIDENTIAL PO BOX 1277	
RESIDENTIAL PO BOX 1311	
RESIDENTIAL 710 PRESTON AVE W	
RESIDENTIAL PO BOX 1345	
RESIDENTIAL 3474 MONUMENT DRIVE	
RESIDENTIAL PO BOX 88	
RESIDENTIAL PO BOX 1942	

Account Customer Name Additional Name	Rate Code	Route - Meter User Type Customer Billing Address	Billing Code Service Address Customer City, State and Zip
100690-00 [illegible]	RES-MTR- 1X	RESIDENTIAL 39 WEBER GULCH ROAD	05-00590 FULL CHARGES 110 MADISON STREET N THOMPSON FALLS MT 59873
100600-00 SWANSON, DANIEL G & AMY A L	RES-MTR- 1X	RESIDENTIAL 247 - 14TH STREET	05-00500 FULL CHARGES 115 MADISON STREET N SANTA MONICA CA 90402
100610-00 COMPTON, JAMES R.	RES-MTR- 1X	RESIDENTIAL PO BOX 1750	05-00510 FULL CHARGES 114 MADISON STREET N THOMPSON FALLS MT 59873-1166
100620-00 SINK, WESLEY & THERESA	RES-MTR- 1X	RESIDENTIAL 4 COUNTRY CLUB LN	05-00520 FULL CHARGES 715 DOGEY AVENUE W THOMPSON FALLS MT 59873
100630-00 HALN, JONATHAN	RES-MTR- 1X	RESIDENTIAL PO BOX 2692	05-00530 FULL CHARGES 204 MADISON STREET N THOMPSON FALLS MT 59873-2597
100640-00 PARKER, CHAD & LEANNA	RES-MTR- 1X	RESIDENTIAL PO BOX 1756	05-00540 FULL CHARGES 203 MADISON STREET N THOMPSON FALLS MT 59873-1755
100650-00 MOORE, JO ANN	RES-MTR- 1X	RESIDENTIAL PO BOX 1502	05-00550 FULL CHARGES 213 MADISON STREET N THOMPSON FALLS MT 59873-1502
100670-00 WAKEFIELD, TODD E	RES-MTR- 1X	RESIDENTIAL PO BOX 2296	05-00570 FULL CHARGES 212 MADISON STREET N THOMPSON FALLS MT 59873-2796
100680-00 KAEPPETTI, MICHELLE	RES-MTR- 1X	RESIDENTIAL PO BOX 2048	05-00580 FULL CHARGES 215 MADISON STREET N THOMPSON FALLS MT 59873-2048
100690-00 PARVETT, JONATHAN ONEIL	RES-MTR- 1X	RESIDENTIAL PO BOX 1755	05-00590 FULL CHARGES 217 MADISON STREET N THOMPSON FALLS MT 59873-1755
100700-00 COX, JIM	RES-MTR- 1X	RESIDENTIAL 5041 WILD HILL COURT W	05-00700 FULL CHARGES 216 MADISON STREET N FORT WORTH TX 76179
100710-00 HEIL, MICHAEL & JOS	RES-MTR- 1X	RESIDENTIAL PO BOX 2089	05-00710 FULL CHARGES 224 MADISON STREET N THOMPSON FALLS MT 59873-2089
100720-00 WHEELER, KELLY	RES-MTR- 1X	RESIDENTIAL 77 NORTH SHORE DR	05-00720 FULL CHARGES 225 MADISON STREET N THOMPSON FALLS MT 59873
100730-00 VANELSWYK JR, ROBERT L & BRANDY L	RES-MTR- 1X	RESIDENTIAL PO BOX 1452	05-00730 FULL CHARGES 307 MADISON STREET N THOMPSON FALLS MT 59873-1452
100740-00 LOX, KYLE RAY	RES-MTR- 1X	RESIDENTIAL PO BOX 1427	05-00740 FULL CHARGES 306 MADISON STREET N TROUT CREEK MT 59874-1427
100750-00 ERLOCKMAN, RICK	RES-MTR- 1X	RESIDENTIAL PO BOX 421	05-00750 FULL CHARGES 806 HALEY AVENUE W THOMPSON FALLS MT 59873 0421
100760-00 DERWINSKI, BEVERLY	RES-MTR- 1X	RESIDENTIAL PO BOX 1500	05-00760 FULL CHARGES 315 MADISON STREET N THOMPSON FALLS MT 59873-1500
100770-00 ROWER, MARGIE	RES-MTR- 1X	RESIDENTIAL PO BOX 342	05-00770 FULL CHARGES 314 MADISON STREET N THOMPSON FALLS MT 59873-0342
100780-00 GRANT, GAIL	RES-MTR- 1X	RESIDENTIAL PO BOX 157	05-00780 FULL CHARGES 221 MADISON STREET N THOMPSON FALLS MT 59873-1571
100790-00 FRITZ, ROBERT	RES MTR 1X	RESIDENTIAL PO BOX 372	05-00790 FULL CHARGES 327 MADISON STREET N THOMPSON FALLS MT 59873-0372
100800-00 NAZON, TOM	RES-MTR- 1X	RESIDENTIAL PO BOX 10	05-00800 FULL CHARGES 324 MADISON STREET N THOMPSON FALLS MT 59873-0010
100810-00 NIEMEN, ARTHUR	RES-MTR- 1X	RESIDENTIAL PO BOX 1441	05-00810 FULL CHARGES 408 MADISON STREET N THOMPSON FALLS MT 59873-1441
100820-00 NOLAN, NANCY & JE SCOTT, BROWN	RES MTR 1X	RESIDENTIAL PO BOX 338	05-00820 FULL CHARGES 710 W 3RD AVENUE THOMPSON FALLS MT 59873-0338
100830-00 ABBOTT, GARY	RES-MTR- 1X	RESIDENTIAL PO BOX 2161	05-00830 FULL CHARGES 408 MADISON STREET N THOMPSON FALLS MT 59873-2161
100840-00 LYON, TRENT	RES-MTR- 1X	RESIDENTIAL PO BOX 2015	05-00840 FULL CHARGES 411 MADISON STREET N THOMPSON FALLS MT 59873-2015
100850-00 PARSONS, ROBERT	RES-MTR- 1X	RESIDENTIAL PO BOX 1257	05-00850 FULL CHARGES 410 MADISON STREET N THOMPSON FALLS MT 59873-1257

Acct/Lit Customer Name Additional Name	Rate Code User Type Customer Billing Address	Route - Meter Service Address Customer City, State and Zip	Billing Code
100573-00 COMMUNITY CHURCH	RES-MTR- 1X RESIDENTIAL PO BOX 428	05-00570	FULL CHARGES 704 PRESTON AVENUE W THOMPSON FALLS MT 59873-0428
100603-00 HOPKINS, PERRY	RES-MTR- 1X RESIDENTIAL PO BOX 1041	08-00600	FULL CHARGES 618 PRESTON AVENUE W THOMPSON FALLS MT 59873-1041
100621-00 CORCERAN, SUSAN	RES-MTR- 1X RESIDENTIAL PO BOX 2503	08-00620	FULL CHARGES 113 JEFFERSON STREET N THOMPSON FALLS MT 59873-2503
100900-00 LUTHERAN CHURCH	RES-MTR- 1X RESIDENTIAL PO BOX 754	05-00900	FULL CHARGES 611 OGDEN AVENUE W THOMPSON FALLS MT 59873-0754
100910-00 TRI M PROPERTIES LLC	RES-MTR- 1X RESIDENTIAL 4521 HIGHWAY 200	08-00910	FULL CHARGES 209 JEFFERSON STREET N THOMPSON FALLS MT 59873
100920-00 HEAPE, CURTIS & MOLLIE	RES-MTR- 1X RESIDENTIAL PO BOX 2527	08-00920	FULL CHARGES 213 JEFFERSON STREET N THOMPSON FALLS MT 59873-2527
100930-00 APPLEBY, JOSEPH P	RES-MTR- 1X RESIDENTIAL PO BOX 663	08-00930	FULL CHARGES 219 JEFFERSON STREET N THOMPSON FALLS MT 59873-0663
100940-00 HUTZ, EUGENE F & SUSAN V	RES-MTR- 1X RESIDENTIAL PO BOX 1765	08-00940	FULL CHARGES 215 JEFFERSON STREET N BIG FORK MT 59911-1765
100950-00 GROSSBERG, PHIL	RES-MTR- 1X HI-SIDE MOTEL 1615 STUART ST	08-00950	FULL CHARGES 221 JEFFERSON STREET N HELENA MT 59601
100960-00 MALLOY, PAT & COLLEEN	RES-MTR- 1X RESIDENTIAL 312 W PARIE ST	08-00960	FULL CHARGES 229 JEFFERSON STREET N CAMERON MO 64429
100970-00 CROMIER, ROBERT	RES-MTR- 1X RESIDENTIAL PO BOX 1374	08-00970	FULL CHARGES 617 HALEY AVENUE N THOMPSON FALLS MT 59873 1374
100980-00 PRIESZ, EMMANUEL	RES-MTR- 1X RESIDENTIAL PO BOX 814	08-00980	FULL CHARGES 305 JEFFERSON STREET N THOMPSON FALLS MT 59873-0814
100990-00 HAMILTON, JOHN	RES-MTR- 1X RESIDENTIAL PO BOX 97	08-00990	FULL CHARGES 612 HALEY AVENUE N THOMPSON FALLS MT 59873-0571
101000-00 KENEALY, LA	RES-MTR- 1X RESIDENTIAL PO BOX 2154	08-01000	FULL CHARGES 310 JEFFERSON STREET N THOMPSON FALLS MT 59873 2154
101010-00 DRASZT, GARY & JOAN	RES-MTR- 1X RESIDENTIAL PO BOX 157	08-01010	FULL CHARGES 314 JEFFERSON STREET N THOMPSON FALLS MT 59873 0157
101020-00 COMMUNITY CHURCH	RES-MTR- 1X RESIDENTIAL PO BOX 428	08-01020	FULL CHARGES 316 JEFFERSON STREET N THOMPSON FALLS MT 59873 0428
101030-00 INGRAHAM, GERALD	RES-MTR- 1X RESIDENTIAL PO BOX 115	08-01030	FULL CHARGES 325 JEFFERSON STREET N THOMPSON FALLS MT 59873-1151
101040-00 KATES, CLARE T.	RES MTR 1X RESIDENTIAL PO BOX 1979	08-01040	FULL CHARGES 318 JEFFERSON STREET N THOMPSON FALLS MT 59873-1979
101050-00 ROGERS, RANDY ALLEN	RES-MTR- 1X RESIDENTIAL PO BOX 1921	08-01050	FULL CHARGES 406 JEFFERSON STREET N THOMPSON FALLS MT 59873-1921
101060-00 FRANKLIN, ADAM & LINDSEY	RES-MTR- 1X RESIDENTIAL 1366 SW GATOR BOULEVARD	08-01060	FULL CHARGES 612 3RD AVE WEST KENTONVILLE AR 72713
101070-00 LIGHT, DENNIS	RES MTR 1X RESIDENTIAL PO BOX 521	08-01070	FULL CHARGES 409 JEFFERSON STREET N THOMPSON FALLS MT 59873-1521
101080-00 KELLER, WILLIAM	SPECIALIZATION RATE C RESIDENTIAL PO BOX 1116	08-01080	FULL CHARGES 414 JEFFERSON STREET N THOMPSON FALLS MT 59873 1116
101090-00 DWYER, KAREN	RES-MTR- 1X RESIDENTIAL PO BOX 553	08-01090	FULL CHARGES 415 JEFFERSON STREET N THOMPSON FALLS MT 59873 0553
101100-00 HISHOP, MICHAEL & TERESA	RES MTR 1X RESIDENTIAL PO BOX 1790	08-01100	FULL CHARGES 420 JEFFERSON STREET N THOMPSON FALLS MT 59873-1790
101105-00 RAMSEY, ROBERT & EVA	RES-MTR- 1X RESIDENTIAL PO BOX 2005	05-01105	FULL CHARGES 605 PRESTON AVENUE W THOMPSON FALLS MT 59873-2005
101110-00 WESTERN MONTANA MENTAL HEALTH	RES-MTR- 1X RESIDENTIAL 1321 WYOMING STREET	05-01110	FULL CHARGES 600 PRESTON AVENUE W MISSOULA MT 59801

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201120-00 PARKER, NOLAN & LINDA	RES-MTR-1X RESIDENTIAL PO BOX 32	08-01120	FULL CHARGES 316 PRESTON AVENUE W THOMPSON FALLS MT 59873-0032
201130-00 BROWN, DAVID & KAREN	RES-MTR-1X RESIDENTIAL PO BOX 1787	08-01130	FULL CHARGES 110 WASHINGTON STREET THOMPSON FALLS MT 59873-1787
201140-00 NOLAN, JEANEAN	RES-MTR-1X RESIDENTIAL PO BOX 1747	08-01140	FULL CHARGES 116 WASHINGTON STREET THOMPSON FALLS MT 59873-1747
201150-00 VORTON, DIANE	RES-MTR-1X RESIDENTIAL PO BOX 1609	08-01150	FULL CHARGES 203 WASHINGTON STREET THOMPSON FALLS MT 59873-1609
201155-00 LUTHERAN CHURCH PARSONAGE C/O CAROL MOREHOUSE	RES-MTR-1X RESIDENTIAL PO BOX 734	08-01155	FULL CHARGES 905 DODEN AVENUE W THOMPSON FALLS MT 59873-0734
201160-00 PARKER, NOLAN F. & LINDA L.	RES-MTR-1X RESIDENTIAL PO BOX 32	08-01160	FULL CHARGES 202 WASHINGTON STREET THOMPSON FALLS MT 59873-0032
201170-00 ALTENNE DR, ROGER	RES MTR-1X RESIDENTIAL PO BOX 2176	08-01170	FULL CHARGES 209 WASHINGTON STREET THOMPSON FALLS MT 59873-2176
201180-00 WARMHEARTED FAMILY TRUST CHRISTOPHER C/O MARSHA BOLEY	RES-MTR-1X RESIDENTIAL 26000 RED BLUFF DR	08-01180	FULL CHARGES 208 WASHINGTON STREET CALABASAS CA 91302
201190-00 TRAIN PROPERTIES LLC	RES-MTR-1X RESIDENTIAL 4521 HIGHWAY 200	08-01190	FULL CHARGES 212 WASHINGTON STREET THOMPSON FALLS MT 59873
201200-00 PERRY E. LUKE	RES MTR-1X RESIDENTIAL PO BOX 1773	08-01200	FULL CHARGES 217 WASHINGTON STREET ALBANY OR 97321-1773
201210-00 DIPIRRE, KIMBERLY S	RES-MTR-1X RESIDENTIAL PO BOX 1855	08-01210	FULL CHARGES 216 WASHINGTON STREET THOMPSON FALLS MT 59873-1855
201220-00 WATTS, JULIE	RES-MTR-1X RESIDENTIAL PO BOX 264	08-01220	FULL CHARGES 215 WASHINGTON STREET PLAINS MT 59859-0264
201230-00 SCHAEFER ENTERPRISES	RES-MTR-1X RESIDENTIAL 4525 HWY 200	08-01230	FULL CHARGES 221 WASHINGTON STREET THOMPSON FALLS MT 59873
201235-00 GREENMORE, ALBERT & ORINDA	SEC VACATION RATE C RESIDENTIAL PO BOX 1955	08-01235	FULL CHARGES 220 WASHINGTON STREET THOMPSON FALLS MT 59873-1955
201240-00 GREENMORE, ALBERT & ORINDA	RES-MTR-1X RESIDENTIAL PO BOX 1955	08-01240	FULL CHARGES 511 HALEY AVENUE W THOMPSON FALLS MT 59873-1003
201245-00 SCHLOACHER, KENNETH	RES-MTR-1X RESIDENTIAL PO BOX 561	08-01250	FULL CHARGES 303 WASHINGTON STREET THOMPSON FALLS MT 59873-0561
201250-00 BENEDE, CHARLES & CHERYL	RES-MTR-1X RESIDENTIAL PO BOX 1854	08-01260	FULL CHARGES 304 WASHINGTON STREET THOMPSON FALLS MT 59873-1854
201260-00 TAYLOR, STEVEN	SEC VACATION RATE C RESIDENTIAL PO BOX 575	08-01280	FULL CHARGES 309 WASHINGTON STREET THOMPSON FALLS MT 59873-0575
201270-00 FRANCK, SHAWN	RES-MTR-1X RESIDENTIAL PO BOX 1092	08-01300	FULL CHARGES 312 WASHINGTON STREET THOMPSON FALLS MT 59873-1092
201280-00 LEFRENS FAMILY LLC	RES-MTR-1X RESIDENTIAL PO BOX 1030	08-01310	FULL CHARGES 319 WASHINGTON STREET THOMPSON FALLS MT 59873-1030
201290-00 BOYER, ROY L	RES MTR-1X RESIDENTIAL PO BOX 208	08-01320	FULL CHARGES 322 WASHINGTON STREET THOMPSON FALLS MT 59873-0208
201300-00 WELSH F. JAMES & MARGARET	RES-MTR-1X RESIDENTIAL PO BOX 382	08-01330	FULL CHARGES 512 3RD AVE WEST THOMPSON FALLS MT 59873-0382
201310-00 FECHTMAN, CAROLL SUE	RES-MTR-1X RESIDENTIAL PO BOX 1393	08-01310	FULL CHARGES 605 3RD AVE W THOMPSON FALLS MT 59873-1393
201320-00 BARTELMEY, DALE & PATRICIA	RES MTR-1X RESIDENTIAL PO BOX 1725	08-01350	FULL CHARGES 407 WASHINGTON STREET THOMPSON FALLS MT 59873-1725
201360-00 BLOOM, DAN & MARY	RES-MTR-1X RESIDENTIAL PO BOX 1115	08-01360	FULL CHARGES 410 WASHINGTON STREET THOMPSON FALLS MT 59873-1115
201370-00 NICOL, BONNIE	RES-MTR-1X RESIDENTIAL PO BOX 2504	08-01370	FULL CHARGES 413 WASHINGTON STREET THOMPSON FALLS MT 59873-7554

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201380-00 VOSHER, BETTY C/O JOYCE MOSHER	RES-MTR-1X RESIDENTIAL PO BOX 2	09-01380	FULL CHARGES 419 WASHINGTON STREET THOMPSON FALLS MT 59873-0002
201400-00 MOSHER, JOHN	RES-MTR-1X RESIDENTIAL PO BOX 2	09-01400	FULL CHARGES 405 WASHINGTON STREET THOMPSON FALLS MT 59873-0002
201410-00 BRUNER, SMITH	RES-MTR-1X RESIDENTIAL PO BOX 1331	09-01410	FULL CHARGES 422 WASHINGTON STREET THOMPSON FALLS MT 59873-1331
201420-00 FAIRBANK, STEVE & JILL	RES-MTR-1X RESIDENTIAL 1561 BUTTE STUFF ROAD	09-01420	FULL CHARGES 302 PRESTON AVENUE W THOMPSON FALLS MT 59873
201430-00 CARTER, JEAN ADELE & RICHARDSON STANLEY	RES-MTR-1X RESIDENTIAL PO BOX 1583	09-01430	FULL CHARGES 508 PRESTON AVENUE W THOMPSON FALLS MT 59873-1583
201440-00 ST WILLIAMS CATHOLIC CHURCH	RES-MTR-1X RESIDENTIAL PO BOX 186	09-01440	FULL CHARGES 416 PRESTON STREET THOMPSON FALLS MT 59873-0186
201460-00 FAIRBANK, STEVE & JILL	RES-MTR-1X RESIDENTIAL 1561 BUTTE STUFF ROAD	09-01460	FULL CHARGES 107 SPRUCE STREET THOMPSON FALLS MT 59873
201461-00 FAULKNER, KAREN	RES-MTR-1X RESIDENTIAL PO BOX 1481	09-01461	FULL CHARGES 112 SPRUCE STREET THOMPSON FALLS MT 59873-1481
201470-00 RIBEIRO, RAOUL	RES-MTR-1X RESIDENTIAL 115 SPRUCE ST	09-01470	FULL CHARGES 115 SPRUCE STREET THOMPSON FALLS MT 59873
201480-00 ROMRENKE, DONALD & MICHAEL	RES-MTR-1X RESIDENTIAL 116 SPRUCE ST	09-01480	FULL CHARGES 116 SPRUCE STREET THOMPSON FALLS MT 59873
201490-00 RIBEIRO, RAOUL A & CHARLENE A	RES-MTR-1X RESIDENTIAL 115 SPRUCE ST	09-01490	FULL CHARGES 109 SPRUCE STREET THOMPSON FALLS MT 59873
201500-00 RIPPLE, CLARENCE	RES-MTR-1X RESIDENTIAL 204 SPRUCE ST	09-01500	FULL CHARGES 204 SPRUCE STREET THOMPSON FALLS MT 59873
201510-00 NEWMAN, DENNIS L & MARIE	RES-MTR-1X RESIDENTIAL 226 SPRUCE ST	09-01510	FULL CHARGES 206 SPRUCE STREET THOMPSON FALLS MT 59873
201520-00 MULCHON, BRIAN & MARA	RES-MTR-1X RESIDENTIAL 207 SPRUCE ST	09-01520	FULL CHARGES 207 SPRUCE STREET THOMPSON FALLS MT 59873
201530-00 PARCEL, HENRY TY & GM	RES-MTR-1X RESIDENTIAL PO BOX 1994	09-01530	FULL CHARGES 215 SPRUCE STREET THOMPSON FALLS MT 59873-1994
201540-00 NEWMAN, DENNIS & MARIE	RES-MTR-1X RESIDENTIAL 226 SPRUCE ST	09-01540	FULL CHARGES 217 SPRUCE STREET THOMPSON FALLS MT 59873
201543-00 HUTZ, EUGENE F & SUSAN M	RES-MTR-1X RESIDENTIAL PO BOX 1756	09-01543	FULL CHARGES 219 SPRUCE STREET BIG FORK MT 59911-1756
201544-00 HUTZ, EUGENE F & SUSAN M	RES-MTR-1X RESIDENTIAL PO BOX 1756	09-01545	FULL CHARGES 225 SPRUCE STREET BIG FORK MT 59911-1756
201550-00 FARRINGTON, RAYMOND	RES-MTR-1X RESIDENTIAL PO BOX 431	09-01550	FULL CHARGES 220 SPRUCE STREET THOMPSON FALLS MT 59873-0431
201555-00 NEWMAN, DENNIS & MARIE	RES-MTR-1X RESIDENTIAL 226 SPRUCE ST	09-01555	FULL CHARGES 223 SPRUCE STREET THOMPSON FALLS MT 59873
201560-00 LAKE, DONALD & CAROL	RES-MTR-1X RESIDENTIAL 303 SPRUCE	09-01560	FULL CHARGES 303 SPRUCE STREET THOMPSON FALLS MT 59873
201570-00 MARIE REVOCABLE TRUST, CHRISTOPHER L C/O MARSHA BOLEY	RES-MTR-1X RESIDENTIAL 26000 REDBLUFF DR	09-01570	FULL CHARGES 311 SPRUCE STREET APT A CALABASAS CA 91302
201574-00 MARIE REVOCABLE TRUST, CHRISTOPHER L C/O MARSHA BOLEY	RES-MTR-1X RESIDENTIAL 26000 REDBLUFF DR	09-01574	FULL CHARGES 311 SPRUCE STREET APT B CALABASAS CA 91302
201580-00 BROWN, VILEAH	RES-MTR-1X RESIDENTIAL PO BOX 1203	09-01580	FULL CHARGES 317 SPRUCE STREET THOMPSON FALLS MT 59873-1203
201590-00 BERKLEY, GARY L	RES-MTR-1X RESIDENTIAL 320 SPRUCE ST	09-01590	FULL CHARGES 320 SPRUCE STREET THOMPSON FALLS MT 59873
201600-00 SCHOOL DISTRICT #2	STAA2 RESIDENTIAL 206 MAIN AVENUE W	09-01600	FULL CHARGES 316 COLUMBIA STREET (N. SCHOOL GYM) THOMPSON FALLS MT 59873

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201603-00 SCHOOL DISTRICT #2	SPC-VACATION RATE C RESIDENTIAL 206 HALEY AVE W	06-01605	FULL CHARGES 206 HALEY AVE W - BASKET BALL COURT THOMPSON FALLS MT 59873
201610-00 CLARK, ISAAC	RES-MTR- 1X RESIDENTIAL PO BOX 174	06-01610	FULL CHARGES 403 SPRUCE STREET THOMPSON FALLS MT 59873-0174
201620-00 FARLAN, GLENDA	RES-MTR- 1X RESIDENTIAL PO BOX 561	06-01620	FULL CHARGES 412 3RD AVE WEST THOMPSON FALLS MT 59873-3061
201630-00 GREENMORE, ALBERT & BRANDA	RES-MTR- 1X RESIDENTIAL PO BOX 1965	06-01630	FULL CHARGES 405 SPRUCE STREET THOMPSON FALLS MT 59873-1955
201640-00 OLSON, MARTHA	RES-MTR- 1X RESIDENTIAL PO BOX 582	06-01640	FULL CHARGES 410 SPRUCE STREET THOMPSON FALLS MT 59873-0552
201650-00 ARSANTI, STAN & EVA	RES MTR 1X RESIDENTIAL PO BOX 1297	06-01650	FULL CHARGES 411 SPRUCE STREET TROUT CREEK MT 59874-1297
201655-00 ROBBINS, EVERETT	RES-MTR- 1X RESIDENTIAL PO BOX 1192	06-01655	FULL CHARGES 415 SPRUCE STREET THOMPSON FALLS MT 59873-1192
201655-00 ROBBINS, EVERETT	RES MTR 1X RESIDENTIAL PO BOX 1192	38-01657	FULL CHARGES 417 SPRUCE STREET THOMPSON FALLS MT 59873-1192
201655-00 ROBBINS, EVERETT	RES-MTR- 1X RESIDENTIAL PO BOX 1192	38-01655	FULL CHARGES 415 SPRUCE STREET THOMPSON FALLS MT 59873-1192
201660-00 MINEMYER, J	RES-MTR- 1X RESIDENTIAL PO BOX 905	38-01660	FULL CHARGES 420 SPRUCE STREET THOMPSON FALLS MT 59873-0905
201665-00 BURNETT, JAMES	RES-MTR- 1X RESIDENTIAL 420 SPRUCE	38-01665	FULL CHARGES 425 SPRUCE STREET THOMPSON FALLS MT 59873
201670-00 SHAW, DON	RES-MTR- 1X RESIDENTIAL 427 SPRUCE	06-01670	FULL CHARGES 427 SPRUCE STREET THOMPSON FALLS MT 59873
201680-00 WALSH, VIRGINIA	RES-MTR- 1X RESIDENTIAL PO BOX 112	06-01680	FULL CHARGES 502 4TH AVENUE W THOMPSON FALLS MT 59873-0112
201685-00 MILLER, DONNA	RES-MTR- 1X RESIDENTIAL 412 W 4TH AVE	06-01685	FULL CHARGES 412 4TH AVE WEST THOMPSON FALLS MT 59873
201710-00 SORENSEN, JAMES	RES-MTR- 1X RESIDENTIAL PO BOX 2364	06-01710	FULL CHARGES 362 PRESTON AVENUE W THOMPSON FALLS MT 59873-2364
201720-00 JEURKENS FAMILY, LLC	RES-MTR-1X RESIDENTIAL PO BOX 1030	06-01720	FULL CHARGES 109 COLUMBIA STREET N THOMPSON FALLS MT 59873-1030
201730-00 ARSANTI, STAN & EVA	RES MTR 1X RESIDENTIAL PO BOX 1297	06-01730	FULL CHARGES 110 COLUMBIA STREET N TROUT CREEK MT 59874-1297
201740-00 BUCHANAN, SHERLEY & DEBORAH	RES-MTR- 1X RESIDENTIAL PO BOX 1570	06-01740	FULL CHARGES 116 COLUMBIA STREET N THOMPSON FALLS MT 59873-1570
201740-00 BUCHANAN, SHERLEY & DEBORAH	RES MTR- 1X RESIDENTIAL PO BOX 1570	06-01740	FULL CHARGES 317 OGDEN AVENUE W THOMPSON FALLS MT 59873-1570
201760-00 JACK, CARON	RES MTR 1X RESIDENTIAL PO BOX 963	06-01760	FULL CHARGES 116 COLUMBIA STREET N THOMPSON FALLS MT 59873-0963
201765-00 DOHERTY, JAMES & SHANNON	RES-MTR- 1X RESIDENTIAL 367 BILLESLOE RD	06-01765	FULL CHARGES 214 COLUMBIA STREET N THOMPSON FALLS MT 59873-0967
201780-00 THOMAS, STEVE	RES MTR- 1X RESIDENTIAL PO BOX 943	0841780	FULL CHARGES 207 COLUMBIA STREET N THOMPSON FALLS MT 59873-0943
201800-00 FUJII, HIROSHI & CHERYL A	RES-MTR- 1X RESIDENTIAL 146 GAETANO DR	06-01800	FULL CHARGES 213 COLUMBIA STREET N PALMDALE CA 93551
201810-00 TRAIN, ANTHONY & CHRISTINA	RES-MTR- 1X RESIDENTIAL 4521 MT HWY 200	06-01810	FULL CHARGES 222 COLUMBIA STREET N THOMPSON FALLS MT 59873
201820-00 SHERWOOD, MARCY	RES-MTR- 1X RESIDENTIAL PO BOX 1562	06-01820	FULL CHARGES 205 COLUMBIA STREET N THOMPSON FALLS MT 59873-1562
201825-00 GRIMM, DORIS	RES-MTR- 1X RESIDENTIAL PO BOX 115	06-01825	FULL CHARGES 405 HALEY AVENUE W THOMPSON FALLS MT 59873-0115

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201830-00 PALPOP, JOHN	RES-MTR-1X RESIDENTIAL PO BOX 1361	08-01830 FULL CHARGES 406 3RD AVE WEST THOMPSON FALLS MT 59873-1361
201840-00 JONES, NATASHA TORTI, MARKUS	RES-MTR-1X RESIDENTIAL PO BOX 403	08-01840 FULL CHARGES 401 COLUMBIA STREET N THOMPSON FALLS MT 59873-0403
201850-00 COBB, GARY	RES-MTR-1X RESIDENTIAL PO BOX 2308	08-01850 FULL CHARGES 406 COLUMBIA STREET N THOMPSON FALLS MT 59873-2305
201860-00 GIEGLING, JOSEPH	RES-MTR-1X RESIDENTIAL PO BOX 1734	08-01860 FULL CHARGES 410 COLUMBIA STREET N THOMPSON FALLS MT 59873-1734
201870-00 DONALDSON, BRUCE M & LAURA C	RES-MTR-1X RESIDENTIAL PO BOX 121	08-01865 FULL CHARGES 415 COLUMBIA STREET N THOMPSON FALLS MT 59873-0121
201875-00 OLIMBY, LEINA GRACE	RES-MTR-1X RESIDENTIAL PO BOX 1302	08-01870 FULL CHARGES 418 COLUMBIA STREET N THOMPSON FALLS MT 59873-1302
201880-00 AUSTIN, ROD	RES-MTR-1X RESIDENTIAL PO BOX 1013	08-01875 FULL CHARGES 425 COLUMBIA STREET N THOMPSON FALLS MT 59873-1013
201885-00 KOKER, DENNIS & LISA	RES-MTR-1X RESIDENTIAL PO BOX 2507	08-01880 FULL CHARGES 427 COLUMBIA STREET N THOMPSON FALLS MT 59873-2507
201900-00 ROBINSON, NINA	RES-MTR-1X RESIDENTIAL 511 N COLUMBIA	08-01900 FULL CHARGES 505 COLUMBIA STREET N THOMPSON FALLS MT 59873
201901-00 ROBINSON, NINA	RES-MTR-1X RESIDENTIAL 511 N COLUMBIA	08-01901 FULL CHARGES 511 COLUMBIA STREET N THOMPSON FALLS MT 59873
201905-00 CHENOWETH, DARRELL & SHANNA RAE	RES-MTR-1X RESIDENTIAL 514 N COLUMBIA ST	08-01905 FULL CHARGES 514 COLUMBIA STREET N THOMPSON FALLS MT 59873
201910-00 GRIMY, DORIS	RES-MTR-1X RESIDENTIAL PO BOX 113	08-01910 FULL CHARGES 506 COLUMBIA STREET N THOMPSON FALLS MT 59873-0113
201920-00 CHENOWETH, DARRELL & SHANNA RAE	SFC-VACATION RATE C RESIDENTIAL 514 N COLUMBIA ST	08-01920 FULL CHARGES 510 COLUMBIA STREET N THOMPSON FALLS MT 59873
201925-00 USDA UTILITY C/O METTEL	ECU-1-5 RESIDENTIAL PO BOX 7100	08-01925 FULL CHARGES 518 COLUMBIA STREET N NEW YORK NY 10038
201926-00 USDA UTILITY C/O METTEL	SFC-VACATION RATE C RESIDENTIAL PO BOX 7100	08-01930 FULL CHARGES 521 COLUMBIA STREET N NEW YORK NY 10038
201930-00 LYON, DAVID & DOROTHY	RES-MTR-1X RESIDENTIAL PO BOX 296	08-01950 FULL CHARGES 328 PRESTON AVENUE W THOMPSON FALLS MT 59873-0296
201960-00 WELLS, ERIK	RES-MTR-1X RESIDENTIAL PO BOX 741	08-01960 FULL CHARGES 312 PRESTON AVENUE W THOMPSON FALLS MT 59873-0741
201970-00 TRAIN PROPERTIES LLC	COM MTR-1X RESIDENTIAL 4621 HIGHWAY 200	08-01970 FULL CHARGES 210 PRESTON AVENUE W - DUPLEX THOMPSON FALLS MT 59873
201980-00 PARKER, NOLAN	RES-MTR-1X RESIDENTIAL PO BOX 32	08-01980 FULL CHARGES 200 PRESTON AVENUE W THOMPSON FALLS MT 59873-0032
201990-00 TRAIN PROPERTIES LLC	RES-MTR-1X RESIDENTIAL 4621 HIGHWAY 200	08-01990 FULL CHARGES 104 CEDAR STREET THOMPSON FALLS MT 59873
202000-00 HUCHANAN, SHERLEY & DEBORAH	RES MTR-1X RESIDENTIAL PO BOX 1570	08-02000 FULL CHARGES 115 CEDAR STREET THOMPSON FALLS MT 59873-1570
202010-00 CARVAN, NINA	RES-MTR-1X RESIDENTIAL PO BOX 530	08-02010 FULL CHARGES 114 CEDAR STREET THOMPSON FALLS MT 59873-0530
202020-00 BUCHANAN, SHERLEY & DEBORAH	RES-MTR-1X RESIDENTIAL PO BOX 1570	08-02020 FULL CHARGES 400 CANON AVENUE W THOMPSON FALLS MT 59873-1570
202030-00 KOWAK, CHRISTINE T	COM MTR-1X RESIDENTIAL PO BOX 752	08-02030 FULL CHARGES 202 CEDAR STREET THOMPSON FALLS MT 59873-0752
202040-00 HILL, MIKE	RES-MTR-1X RESIDENTIAL PO BOX 445	08-02040 FULL CHARGES 207 CEDAR STREET THOMPSON FALLS MT 59873-0445
202050-00 BROWN, ARTHUR % COMPSERVS	RES-MTR-1X RESIDENTIAL 25655 SW MTS ROAD	08-02050 FULL CHARGES 216 CEDAR STREET WEST LINN OR 97068

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22206C 00 BOESPFLUG MICHAEL & HOLC	RES MTR 1X RESIDENTIAL 1027 ABBIE LANE	08-02060 MARY JOAN	FULL CHARGES 215 CEDAR STREET EUGENE OR 97401
22207C-00 WHITTENBURG KEVIN & SUE	RES-MTR-1X RESIDENTIAL PO BOX 1992	08-02070	FULL CHARGES 211 HALEY AVENUE W THOMPSON FALLS MT 59873-1992
22208C-00 SCHOOL DISTRICT #2 - JR HIGH	EDU-3 RESIDENTIAL 209 HALEY AVE W	08-02080 SCHOOL	FULL CHARGES 212 HALEY AVE W THOMPSON FALLS MT 59873
22209C-00 ROGERS, BARBARA	RES-MTR-1X RESIDENTIAL 21 BUFFALO BILL ROAD	08-02090	FULL CHARGES 212 3RD AVE WEST PLAINS MT 59859
22210C-00 BROWN, RAYMOND C	RES-MTR-1X RESIDENTIAL 186 THOMPSON RIVER RD	08-02100	FULL CHARGES 426 CEDAR STREET THOMPSON FALLS MT 59873
22211C-00 WILL, LEROY & JAY LEEK	RES-MTR-1X RESIDENTIAL 206 MAIN ST E	08-02110C	FULL CHARGES 411 CEDAR STREET THOMPSON FALLS MT 59873
22212C-00 ANDERSON, JAMES E	RES-MTR-1X RESIDENTIAL PO BOX 1711	08-02110	FULL CHARGES 416 CEDAR STREET THOMPSON FALLS MT 59873-1711
22213C-00 GREENMORE, ALBERT & BRENDA	RES MTR 1X RESIDENTIAL PO BOX 1555	08-02120	FULL CHARGES 419 CEDAR STREET THOMPSON FALLS MT 59873-1555
22214C-00 PARKER, NOLAN	RES-MTR-1X RESIDENTIAL PO BOX 32	08-02130	FULL CHARGES 414 CEDAR STREET THOMPSON FALLS MT 59873 0032
22215C-00 FLEMMER, PAUL & RHONDA	RES-MTR-1X RESIDENTIAL PO BOX 1239	08-02150	FULL CHARGES 428 CEDAR STREET THOMPSON FALLS MT 59873-1239
22216C-00 SHULTZ, DANIEL G & DELLA M	RES MTR 1X RESIDENTIAL PO BOX 2201	08-02160	FULL CHARGES 427 CEDAR STREET THOMPSON FALLS MT 59873-2201
22217C-00 SCHAEFER ENTERPRISES	RES-MTR-1X RESIDENTIAL 4626 HIGHWAY 200	08-02170	FULL CHARGES 306 CEDAR STREET THOMPSON FALLS MT 59873
22218C-00 FULLER, CHAD	RES-MTR-1X RESIDENTIAL 110 AUGUSTA DR	08-02180	FULL CHARGES 603 CEDAR STREET MISSOULA MT 59801-1524
22220C-00 BORDEN, JAMES M	RES-MTR-1X RESIDENTIAL PO BOX 751	08-02220	FULL CHARGES 515 CEDAR STREET THOMPSON FALLS MT 59873-0784
22221C-00 ANDERSEN, DAN	RES-MTR-1X RESIDENTIAL PO BOX 87	08-02230	FULL CHARGES 527 CEDAR STREET THOMPSON FALLS MT 59873-0087
22222C-00 FOALE, MICHAEL % SAMPHIRE COUNTY FORGINGS LTD	RES-MTR-1X RESIDENTIAL 1710 N 44TH ST # 106	08-02240	FULL CHARGES 202 PRESTON AVENUE W COEUR D'ALENE ID 83814
22223C-00 PARKER, NOLAN & LINDA	RES-MTR-1X RESIDENTIAL PO BOX 32	08-02250	FULL CHARGES 125 PRESTON AVENUE W THOMPSON FALLS MT 59873-0032
22224C-00 MILLER, DOUGLAS & CINDIE	RES-MTR-1X RESIDENTIAL PO BOX 2303	08-02260	FULL CHARGES 112 PRESTON AVENUE W THOMPSON FALLS MT 59873-2303
22227C 00 SHUTTLE, STEVE	RES MTR 1X RESIDENTIAL PO BOX 384	08-02270	FULL CHARGES 108 PRESTON AVENUE W THOMPSON FALLS MT 59873-0384
22228C-00 WOLLARTON, JEFF	RES-MTR-1X RESIDENTIAL PO BOX 1592	08-02280	FULL CHARGES 116 FERRY STREET N THOMPSON FALLS MT 59873-1592
22229C-00 COMPTON, JAY & TERRI	RES-MTR-1X RESIDENTIAL PO BOX 942	08-02290	FULL CHARGES 115 FERRY STREET N THOMPSON FALLS MT 59873-0942
22230C 00 MALCOLMSON, KATHERINE F	RES MTR 1X RESIDENTIAL PO BOX 1776	08-02300	FULL CHARGES 206 FERRY STREET N THOMPSON FALLS MT 59873-1776
22231C-00 MOSELEY JR, DAVID M	RES-MTR-1X RESIDENTIAL PO BOX 1351	08-02310	FULL CHARGES 204 FERRY STREET N THOMPSON FALLS MT 59873-1351
22232C-00 SCOTT, ROY & TINA	RES-MTR-1X RESIDENTIAL PO BOX 121	08-02320	FULL CHARGES 209 FERRY STREET N THOMPSON FALLS MT 59873 0121
22233C-00 SANFORD, KENNETH	RES MTR 1X RESIDENTIAL 10634 40TH STREET	08-02330	FULL CHARGES 212 FERRY STREET N PRINCETON MN 55371
22234C-00 PEET, JAKI	RES-MTR-1X RESIDENTIAL PO BOX 1962	08-02340	FULL CHARGES 219 FERRY STREET N THOMPSON FALLS MT 59873-1253

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202150-00 TITLL PROPERTY LLC C/O ABBY INGRAM	RES-MTR-1X RESIDENTIAL 2 GEBHARDT LANE	08-02150	FULL CHARGES 210 FERRY STREET N THOMPSON FALLS MT 59873
202350-00 SCCHELEAU, LINDA	RES-MTR-1X RESIDENTIAL PO BOX 1208	08-02350	FULL CHARGES 227 FERRY STREET N THOMPSON FALLS MT 59873-1205
202270-00 FRANCK, COREY & ALYSHA	RES-MTR-1X RESIDENTIAL PO BOX 2542	08-02270	FULL CHARGES 228 FERRY STREET N THOMPSON FALLS MT 59873-2542
202380-00 JONES, BRIDGET	RES-MTR-1X RESIDENTIAL 304 FERRY STREET N	08-02380	FULL CHARGES 304 FERRY STREET N THOMPSON FALLS MT 59873
202390-00 ARRANTE, STANLEY & EVA	RES-MTR-1X RESIDENTIAL PO BOX 1057	08-02390	FULL CHARGES 312 FERRY STREET N TROUT CREEK MT 59874-1057
202410-00 ALEXANDER, SETH & SANDRA	RES-MTR-1X RESIDENTIAL 320 FERRY STREET N	08-02410	FULL CHARGES 320 FERRY STREET N THOMPSON FALLS MT 59873
202440-00 CROWDER, JAMES R & SUSAN A	RES-MTR-1X RESIDENTIAL 326 FERRY ST	08-02440	FULL CHARGES 326 FERRY STREET N THOMPSON FALLS MT 59873
202461-00 OXFORD, ROBYN	RES MTR-1X RESIDENTIAL 403 FERRY ST	08-02461	FULL CHARGES 403 FERRY STREET N THOMPSON FALLS MT 59873
202470-00 OXFORD, ROBYN	RES-MTR-1X RESIDENTIAL 403 FERRY ST	08-02470	FULL CHARGES 407 FERRY STREET N THOMPSON FALLS MT 59873
202475-00 GLUCAND, JAMES	RES-MTR-1X RESIDENTIAL 408 FERRY STREET N	08-02475	FULL CHARGES 405 FERRY STREET N THOMPSON FALLS MT 59873
202480-00 OXFORD, ROBYN	RES-MTR-1X RESIDENTIAL 403 FERRY ST	08-02480	FULL CHARGES 409 FERRY STREET N THOMPSON FALLS MT 59873
202490-00 WEDEL, MARK	RES-MTR-1X RESIDENTIAL 414 FERRY STREET	08-02490	FULL CHARGES 414 FERRY STREET N THOMPSON FALLS MT 59873
202500-00 ALDAND, SETH & TASHA	RES MTR-1X RESIDENTIAL 1613 HUESTON RD	08-02500	FULL CHARGES 413 FERRY STREET N THOMPSON FALLS MT 59873
202510-00 GREGORY, LISA M & SHAYNE	RES-MTR-1X RESIDENTIAL PO BOX 2005	08-02510	FULL CHARGES 420 FERRY STREET N THOMPSON FALLS MT 59873-2005
202520-00 MOSAMP, KEVIN & TRACY	RES-MTR-1X RESIDENTIAL PO BOX 1261	08-02520	FULL CHARGES 421 FERRY STREET N THOMPSON FALLS MT 59873-1261
202530-00 PARKER, NOLAN	RES MTR-1X RESIDENTIAL PO BOX 32	08-02530	FULL CHARGES 420 FERRY STREET N THOMPSON FALLS MT 59873-0032
202540-00 GREENOUGH, LANA	RES-MTR-1X RESIDENTIAL PO BOX 2014	08-02540	FULL CHARGES 11 4TH AVE W THOMPSON FALLS MT 59873-2014
202550-00 GREENWOOD, JACOB & RHIANNON	RES-MTR-1X RESIDENTIAL PO BOX 2221	08-02550	FULL CHARGES 425 FERRY STREET N THOMPSON FALLS MT 59873-2221
202560-00 SOULE, VONA	RES MTR-1X RESIDENTIAL PO BOX 252	08-02560	FULL CHARGES 507 FERRY STREET N THOMPSON FALLS MT 59873-0252
202580-00 WRIGHT, RONALD C. SR. & RONI	RES-MTR-1X RESIDENTIAL PO BOX 966	08-02580	FULL CHARGES 518 FERRY STREET N THOMPSON FALLS MT 59873-0966
202600-00 GUNDERSON, DOUGLAS A & CONNIE DEE	RES-MTR-1X RESIDENTIAL PO BOX 1203	08-02600	FULL CHARGES 11 4TH AVE W THOMPSON FALLS MT 59873-1203
202610-00 PARKER, NOLAN	RES MTR-1X RESIDENTIAL PO BOX 32	08-02610	FULL CHARGES 101 PRESTON AVENUE W THOMPSON FALLS MT 59873-0032
202620-00 FORTIN-RAS, ELIGRAS	RES-MTR-1X RESIDENTIAL PO BOX 2285	08-02622	FULL CHARGES 105 GROVE STREET THOMPSON FALLS MT 59873-2285
202630-00 LOVRIC, MARY	RES-MTR-1X RESIDENTIAL PO BOX 53	08-02630	FULL CHARGES 107 GROVE STREET THOMPSON FALLS MT 59873-0053
202640-00 MAGDALENE, CHRISTINE	RES-MTR-1X RESIDENTIAL PO BOX 1279	08-02640	FULL CHARGES 111 GROVE STREET THOMPSON FALLS MT 59873-1279
202650-00 GRIFFIN, DOUG	RES-MTR-1X RESIDENTIAL PO BOX 1409	08-02650	FULL CHARGES 117 GROVE STREET THOMPSON FALLS MT 59873-1409

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302005-00 JOHNSON, HELEN M.C.	RES-MTR-1X	RESIDENTIAL PO BOX 1172	03-02850	FULL CHARGES 113 GROVE STREET THOMPSON FALLS MT 59873-1172
302570-00 FERRARAS, VANC	RES-MTR-1X	RESIDENTIAL PO BOX 503	03-02870	FULL CHARGES 203 GROVE STREET THOMPSON FALLS MT 59873-0503
302660-00 CORGRIVSON, DARRELL	RES-MTR-1X	RESIDENTIAL PO BOX 401	03-02880	FULL CHARGES 207 GROVE STREET THOMPSON FALLS MT 59873-0401
302800-00 WHITE, JOHN	RES-MTR-1X	RESIDENTIAL PO BOX 531	03-02890	FULL CHARGES 205 GROVE STREET THOMPSON FALLS MT 59873-0524
302700-00 WHITE, JOHN	RES-MTR-1X	RESIDENTIAL PO BOX 524	03-02900	FULL CHARGES 212 GROVE STREET THOMPSON FALLS MT 59873-0524
302710-00 SHEETS, MARK L.	RES-MTR-1X	RESIDENTIAL PO BOX 951	03-02710	FULL CHARGES 215 GROVE STREET THOMPSON FALLS MT 59873-0951
302720-00 WHITE, JOHN	RES-MTR-1X	RESIDENTIAL PO BOX 524	03-02720	FULL CHARGES 216 GROVE STREET THOMPSON FALLS MT 59873-0524
302730-00 GRANTHAM, BOYD	RES-MTR-1X	RESIDENTIAL PO BOX 731	03-02730	FULL CHARGES 219 GROVE STREET THOMPSON FALLS MT 59873-0731
302740-00 NAGY, JOHN & EVELYN	RES-MTR-1X	RESIDENTIAL PO BOX 561	03-02740	FULL CHARGES 224 GROVE STREET THOMPSON FALLS MT 59873-0561
302750-00 MULLIGAN, LAWRENCE & BARBARA	RES-MTR-1X	RESIDENTIAL PO BOX 1305	03-02750	FULL CHARGES 303 GROVE STREET THOMPSON FALLS MT 59873-1305
302760-00 LOFTUS, ROBERT JR	RES-MTR-1X	RESIDENTIAL PO BOX 530	03-02760	FULL CHARGES 237 HALEY AVENUE E THOMPSON FALLS MT 59873-0530
302770-00 RISTOFFERSEN	RES-MTR-1X	RESIDENTIAL PO BOX 1760	03-02770	FULL CHARGES 309 GROVE STREET THOMPSON FALLS MT 59873-1760
302780-00 BROWN, JASON D & JENNA L S.	RES-MTR-1X	RESIDENTIAL PO BOX 1512	03-02780	FULL CHARGES 315 GROVE STREET THOMPSON FALLS MT 59873-1512
302790-00 LOFTUS, ROBERT JR	RES-MTR-1X	RESIDENTIAL PO BOX 530	03-02800	FULL CHARGES 314 GROVE STREET THOMPSON FALLS MT 59873-0530
302805-00 SCOTT, MICHAEL	RES-MTR-1X	RESIDENTIAL PO BOX 2171	03-02805	FULL CHARGES 322 GROVE STREET THOMPSON FALLS MT 59873-2171
302810-00 ENGEL, RICHARD & CARLA	RES-MTR-1X	RESIDENTIAL PO BOX 356	03-02810	FULL CHARGES 323 GROVE STREET THOMPSON FALLS MT 59873-0356
302815-00 KEFFNER, CYNTHIA	RES-MTR-1X	RESIDENTIAL PO BOX 131	03-02815	FULL CHARGES 326 GROVE STREET THOMPSON FALLS MT 59873-0133
302820-00 MOSHER, RICHARD	RES-MTR-1X	RESIDENTIAL PO BOX 1565	03-02820	FULL CHARGES 402 GROVE STREET THOMPSON FALLS MT 59873-1565
302825-00 PATTERSON, MELVIN	RES-MTR-1X	RESIDENTIAL PO BOX 1042	03-02825	FULL CHARGES 100 3RD AVENUE W THOMPSON FALLS MT 59873-1042
302830-00 MARDEN, TERRY	RES-MTR-1X	RESIDENTIAL PO BOX 1142	03-02830	FULL CHARGES 410 GROVE STREET THOMPSON FALLS MT 59873-1142
302840-00 MCGOFFIN, RICHARD	RES-MTR-1X	RESIDENTIAL PO BOX 1361	03-02840	FULL CHARGES 417 GROVE STREET THOMPSON FALLS MT 59873-1361
302850-00 O'NEIL, WILLIAM & MARILYN	RES-MTR-1X	RESIDENTIAL PO BOX 1744	03-02850	FULL CHARGES 415 GROVE STREET THOMPSON FALLS MT 59873-1744
302870-00 WILLIAMS, THOMAS	RES-MTR-1X	RESIDENTIAL PO BOX 1209	03-02870	FULL CHARGES 103 6TH AVE EAST THOMPSON FALLS MT 59873-1209
302880-00 HARMETT, CHARLES	RES-MTR-1X	RESIDENTIAL PO BOX 1891	03-02880	FULL CHARGES 427 GROVE STREET THOMPSON FALLS MT 59873-1891
302890-00 DAXTON, WILLIAM	RES-MTR-1X	RESIDENTIAL 24508 - 80TH ST E	03-02890	FULL CHARGES 504 GROVE STREET PUYALLUP WA 98372
302900-00 MEYER, PAT	RES-MTR-1X	RESIDENTIAL PO BOX 1253	03-02900	FULL CHARGES 503 GROVE STREET THOMPSON FALLS MT 59873-1253

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302915.00 HALL, DAVID & TRISTA	RES-WTR-1X RESIDENTIAL PO BOX 2107	08-02915	FULL CHARGES 610 GROVE STREET THOMPSON FALLS MT 59873-2107
302930.00 ALLEN, SANDRA	SPC-VACATION RATE C RESIDENTIAL PO BOX 853	08-02930	FULL CHARGES 617 SHORT STREET THOMPSON FALLS MT 59873-3053
302940.00 SHEAR, E W	RES-WTR-1X RESIDENTIAL PO BOX 162	08-02940	FULL CHARGES 527 GROVE STREET THOMPSON FALLS MT 59873-0162
302950.00 HAASE, DAVE	RES-WTR-1X RESIDENTIAL PO BOX 361	08-02950	FULL CHARGES 111 5TH AVENUE W THOMPSON FALLS MT 59873-0361
302955.00 HALL, MARY LYNN	RES-WTR-1X RESIDENTIAL PO BOX 1745	08-02955	FULL CHARGES 518 GROVE STREET THOMPSON FALLS MT 59873-1745
302960.00 HALL, DAVID & TRISTA	RES-WTR-1X RESIDENTIAL PO BOX 2107	08-02960	FULL CHARGES 520 GROVE STREET THOMPSON FALLS MT 59873 2107
302965.00 FROST, BEULAH	RES-WTR-1X RESIDENTIAL PO BOX 1517	08-02965	FULL CHARGES 530 GROVE STREET TROUT CREEK MT 59874
302970.00 EYERS, JOHNNY	RES MTR-1X RESIDENTIAL PO BOX 863	08-02970	FULL CHARGES 804 GROVE STREET THOMPSON FALLS MT 59873-0863
302980.00 EVANS, LAURIE	RES-MTR-1X RESIDENTIAL PO BOX 1251	08-02980	FULL CHARGES 821 SHORT STREET THOMPSON FALLS MT 59873 1251
302990.00 TAYLOR, CLINTON	RES-MTR-1X RESIDENTIAL PO BOX 40	08-02990	FULL CHARGES 137 GREENWOOD STREET THOMPSON FALLS MT 59873-0040
303000.00 MCCUAIG, JAMES M & JOSIE	RES MTR-1X RESIDENTIAL PO BOX 1699	08-03000	FULL CHARGES 134 GREENWOOD STREET TROUT CREEK MT 59874-1699
303015.00 BERLIN C, LYNN R	RES-MTR-1X RESIDENTIAL PO BOX 1122	08-03015	FULL CHARGES 117 GREENWOOD STREET THOMPSON FALLS MT 59873 1122
303020.00 MCCUAIG, JAMES M & JOSIE	RES-MTR-1X RESIDENTIAL PO BOX 1699	08-03020	FULL CHARGES 116 GREENWOOD STREET - HOUSE TROUT CREEK MT 59874-1699
303030.00 DEXTER, SHARON	RES-MTR-1X RESIDENTIAL PO BOX 2195	08-03030	FULL CHARGES 202 GREENWOOD STREET THOMPSON FALLS MT 59873-2195
303035.00 BRIGHT, CANDACE	RES-MTR-1X RESIDENTIAL PO BOX 97	08-03035	FULL CHARGES 214 GREENWOOD STREET HERON MT 59844
303037.00 KNUTSON, RODNEY A & MICHELLE D	RES-MTR-1X RESIDENTIAL PO BOX 764	08-03037	FULL CHARGES 216 GREENWOOD STREET - SHOP THOMPSON FALLS MT 59873-0764
303040.00 TAYLOR, TERESA K C/O TRISTAN TAYLOR	RES-MTR-1X RESIDENTIAL	08-03040	FULL CHARGES 201 GREENWOOD STREET
303041.00 TAYLOR, STEVE	RES-MTR-1X RESIDENTIAL PO BOX 878	08-03041	FULL CHARGES 205 GREENWOOD STREET THOMPSON FALLS MT 59873 0878
303070.00 THORPE, WANDA L	RES MTR-1X RESIDENTIAL 21 OMNIPLEX LANE	08-03070	FULL CHARGES 208 HALEY AVENUE E THOMPSON FALLS MT 59873
303080.00 CORK, TERRY & KIM	RES-MTR-1X RESIDENTIAL 1105 POYS LAKE RD APT C	08-03080	FULL CHARGES 225 GREENWOOD STREET KALISPELL MT 5990
303090.00 LADY, TERRY & MARRONE CHARLOTTE	RES-MTR-1X RESIDENTIAL PO BOX 1408	08-03090	FULL CHARGES 305 GREENWOOD STREET THOMPSON FALLS MT 59873 1408
303095.00 VOSHER, JOHN	RES MTR-1X RESIDENTIAL PO BOX 2	08-03095	FULL CHARGES 323 GREENWOOD STREET THOMPSON FALLS MT 59873 0002
303100.00 LOFTHUS, JOSHUA & GILLIAN	RES-MTR-1X RESIDENTIAL PO BOX 1961	08-03100	FULL CHARGES 414 GREENWOOD STREET THOMPSON FALLS MT 59873 1961
303121.00 RILEY, KATHI	RES-MTR-1X RESIDENTIAL 59955 OTLOGON MOUNTAIN ROAD	08-03121	FULL CHARGES 405 GREENWOOD STREET HOMER AK 99603
303130.00 BEITZ, VICKIE	RES MTR-1X RESIDENTIAL PO BOX 2	08-03130	FULL CHARGES 424 GREENWOOD STREET THOMPSON FALLS MT 59873 0021
303140.00 SCHAEFE, MICHAEL & LACEY	RES-MTR-1X RESIDENTIAL PO BOX 1913	08-03140	FULL CHARGES 426 GREENWOOD STREET THOMPSON FALLS MT 59873-1913

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303145-00 GAMBREL, ROBERT C & CAROLA	RES-MTR-1X RESIDENTIAL 13910 N FIELDCHIP LANE	08-03145	FULL CHARGES 534 GREENWOOD STREET NINE MILE FALLS WA 99026
303150-00 WILLIAMS, BLANCHE	RES MTR 1X RESIDENTIAL PO BOX 2078	08-03150	FULL CHARGES 536 GREENWOOD STREET THOMPSON FALLS MT 59873-2078
303160-00 HALO, CHRIS	RES-MTR-1X RESIDENTIAL PO BOX 1884	08-03160	FULL CHARGES 517 GREENWOOD STREET THOMPSON FALLS MT 59873-1854
303170-00 HILTON, DENNIS	SPC-VACATION RATE C RESIDENTIAL PO BOX 442	08-03170	FULL CHARGES 520 GREENWOOD CLE WA 9863-0442
303180-00 MCGAUGHEY, RACHELLE	RES-MTR-1X RESIDENTIAL PO BOX 1612	08-03180.00	FULL CHARGES 528 GREENWOOD STREET THOMPSON FALLS MT 59873-1612
303190-00 KEITH, CHERYL A AND THORNTON, SHANNON L SHORTLE, KEITH	RES-MTR-1X RESIDENTIAL PO BOX 95	08-03190	FULL CHARGES 517 GREENWOOD STREET THOMPSON FALLS MT 59873 0095
303200-00 THOMAS, JAMES & TRACY	RES-MTR-1X RESIDENTIAL PO BOX 2385	08-03200	FULL CHARGES 524 GREENWOOD STREET THOMPSON FALLS MT 59873-2385
303210-00 RICHMOND, LISA	RES-MTR-1X RESIDENTIAL PO BOX 604	08-03210	FULL CHARGES 208 6TH AVE EAST THOMPSON FALLS MT 59873-0604
303220-00 SHAFFORD, JED & KARRIE	RES-MTR-1X RESIDENTIAL PO BOX 2471	08-03220	FULL CHARGES 507 GREENWOOD STREET THOMPSON FALLS MT 59873 2471
303230-00 TOOME, CLINT	RES-MTR-1X RESIDENTIAL 317 N. RIVER ST	08-03230	FULL CHARGES 512 GREENWOOD STREET PALEY ID 83333
303240-00 ALBERT, BETTY ANN	RES-MTR-1X RESIDENTIAL PO BOX 351	08-03240	FULL CHARGES 105 WOODLAND STREET THOMPSON FALLS MT 59873-0351
303250-00 CHEAVES, JAMES M & CHADWICK, CAROL	RES-MTR-1X RESIDENTIAL PO BOX 1867	08-03250	FULL CHARGES 108 WOODLAND STREET THOMPSON FALLS MT 59873 1867
303270-00 FULL, ROBB & ALICIA	RES-MTR-1X RESIDENTIAL PO BOX 312	08-03270	FULL CHARGES 114 WOODLAND STREET THOMPSON FALLS MT 59873 0312
303280-00 ROBERTS, FRANK	RES-MTR-1X RESIDENTIAL PO BOX 2105	08-03280	FULL CHARGES 117 WOODLAND STREET THOMPSON FALLS MT 59874-2105
303290-00 WILLIAMS, THOMAS	RES-MTR-1X RESIDENTIAL PO BOX 351	08-03290	FULL CHARGES 207 WOODLAND STREET THOMPSON FALLS MT 59873-0351
303300-00 PARKER, NOLAN	RES-MTR-1X RESIDENTIAL PO BOX 32	08-03300	FULL CHARGES 211 WOODLAND STREET THOMPSON FALLS MT 59873-0007
303305-00 BARRUS, TRAVIS	RES-MTR-1X RESIDENTIAL PO BOX 1565	08-03305	FULL CHARGES 215 WOODLAND STREET THOMPSON FALLS MT 59873-1565
303310-00 BOOTH, JUDITH & EDDIE	RES MTR-1X RESIDENTIAL PO BOX 2501	08-03310	FULL CHARGES 204 WOODLAND STREET THOMPSON FALLS MT 59873-2501
303320-00 HOLDEN, GENEVA	RES MTR-1X RESIDENTIAL PO BOX 1341	08-03320	FULL CHARGES 208 WOODLAND STREET THOMPSON FALLS MT 59873-1341
303330-00 KOLANOSKI, STEPHEN	RES-MTR-1X RESIDENTIAL PO BOX 2019	08-03330	FULL CHARGES 212 WOODLAND STREET THOMPSON FALLS MT 59873-2019
303340-00 FRANK, ROBERT & ANGELA	RES MTR 1X RESIDENTIAL PO BOX 422	08-03340	FULL CHARGES 222 WOODLAND STREET THOMPSON FALLS MT 59873 0422
303350-00 WILSON, NICK E SUE	RES-MTR-1X RESIDENTIAL PO BOX 1323	08-03350	FULL CHARGES 214 HALEY AVENUE E THOMPSON FALLS MT 59873-1323
303365-00 FRATERNAL CEMETERY	RES-MTR-1X RESIDENTIAL PO BOX 741	08-03365	FULL CHARGES 300 BLOCK WOODLAND THOMPSON FALLS MT 59873-0741
303370-00 HUNTLEY, HARLEY	RES MTR 1X RESIDENTIAL PO BOX 1434	08-03370	FULL CHARGES 307 3RD AVE EAST THOMPSON FALLS MT 59873 1434
303380-00 STOUT, JOE	RES-MTR-1X RESIDENTIAL PO BOX 1241	08-03380	FULL CHARGES 403 WOODLAND STREET THOMPSON FALLS MT 59873 1241
303390-00 GARCIA, ALYSA & LUIS II	RES-MTR-1X RESIDENTIAL 10420 DUBUQUE RD	08-03390	FULL CHARGES 410 WOODLAND STREET SNOQUALMIE WA 98350

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3C3185.00 CLARK, STEVE	RES-MTR-1X RESIDENTIAL PO BOX 222	08-03095	FULL CHARGES 420 WOODLAND STREET THOMPSON FALLS MT 59873-0223
3C3405.00 DENSON, CHARLES & KRIST	RES-MTR-1X RESIDENTIAL PO BOX 722	08-03405	FULL CHARGES 421 WOODLAND STREET THOMPSON FALLS MT 59873-0722
3C3410.00 WITTERS, JEANNE	SPC-VACATION RATE C RESIDENTIAL 401 GRANDVIEW TR	08-03410	FULL CHARGES 427 WOODLAND STREET KALISPELL MT 59901
3C3420.00 ADAMS, ROBERT	RES-MTR-1X RESIDENTIAL PO BOX 1915	08-03420	FULL CHARGES 425 WOODLAND STREET THOMPSON FALLS MT 59873-1915
3C3430.00 FRANK, DOROTHY	RES-MTR-1X RESIDENTIAL PO BOX 1644	08-03430	FULL CHARGES 595 WOODLAND STREET THOMPSON FALLS MT 59873-1644
3C3435.00 POPMEISTER, ROBERT	RES-MTR-1X RESIDENTIAL 3063 WOODS DRIVE	08-03435	FULL CHARGES 217 4TH AVE EAST LAS VEGAS NV 89105
3C3440.00 LORWEN, LARAINE	RES-MTR-1X RESIDENTIAL PO BOX 1224	08-03440	FULL CHARGES 507 1/2 WOODLAND STREET THOMPSON FALLS MT 59873-1224
3C3470.00 REISE, RONDA	RES-MTR-1X RESIDENTIAL PO BOX 155	08-03470	FULL CHARGES 524 WOODLAND STREET THOMPSON FALLS MT 59873-0152
3C3480.00 DOTY, BRYCE	RES-MTR-1X RESIDENTIAL PO BOX 783	08-03480	FULL CHARGES 523 WOODLAND STREET THOMPSON FALLS MT 59873-0783
3C3190.00 HART, WILLIAM F	RES-MTR-1X RESIDENTIAL PO BOX 1922	08-03190.00	FULL CHARGES 300 5TH AVE EAST THOMPSON FALLS MT 59873-1922
3C3485.00 CZERWINSKI, DOUGLAS J & ROPER, SARA A	RES-MTR-1X RESIDENTIAL PO BOX 1863	08-03195	FULL CHARGES 305 5TH AVE EAST THOMPSON FALLS MT 59873-1863
3C3500.00 STAPLINS, ELISE M	RES-MTR-1X RESIDENTIAL PO BOX 1974	08-03500	FULL CHARGES 611 WOODLAND STREET THOMPSON FALLS MT 59873-1974
3C3510.00 JOHNSON, MARK S & KIMBALL, CHRISTY	RES-MTR-1X RESIDENTIAL 55322 HWY 12	08-03510	FULL CHARGES 617 WOODLAND STREET CROFTON NE 68730
3C3520.00 CAMPBELL, GARY	RES-MTR-1X RESIDENTIAL PO BOX 9	08-03520	FULL CHARGES 627 WOODLAND STREET THOMPSON FALLS MT 59873-0961
3C3530.00 RAIN, ANTHONY & CHRISTINA	RES-MTR-1X RESIDENTIAL 4521 MT HWY 200	08-03530	FULL CHARGES 107 CLAY STREET THOMPSON FALLS MT 59873
3C3540.00 RARDELL, MARY ANN	RES-MTR-1X RESIDENTIAL 304 HIDERITA STREET	08-03540	FULL CHARGES 104 CLAY STREET MISSOULA MT 59804
3C3550.00 VOLKMER, TERRY	RES MTR-1X RESIDENTIAL PO BOX 2071	08-03550	FULL CHARGES 110 CLAY STREET THOMPSON FALLS MT 59873-2071
3C3560.00 SCHAEFER ENTERPRISES	RES-MTR-1X RESIDENTIAL 1926 HWY 200	08-03560	FULL CHARGES 204 CLAY STREET THOMPSON FALLS MT 59873
3C3580.00 HALVORTON, JIM	RES-MTR-1X RESIDENTIAL PO BOX 306	08-03580	FULL CHARGES 210 CLAY STREET THOMPSON FALLS MT 59873-0306
3C3590.00 CUMMINGS, KENNETH JOHNSTON, ANDREW	RES MTR-1X RESIDENTIAL 7916 E. WOOLAND ROAD	08-03590	FULL CHARGES 201 CLAY STREET COEUR D'ALENE ID 83
3C3610.00 RINGER, MARTIN & LINDA	RES-MTR-1X RESIDENTIAL PO BOX 1543	08-03620	FULL CHARGES 205 CLAY STREET THOMPSON FALLS MT 59873-1832
3C3630.00 SMITH, CLAYTON	RES-MTR-1X RESIDENTIAL PO BOX 05	08-03610	FULL CHARGES 211 CLAY STREET THOMPSON FALLS MT 59873-0005
3C3620.00 GILBURN, CLYDE	RES MTR-1X RESIDENTIAL PO BOX 1532	08-03620	FULL CHARGES 215 CLAY STREET THOMPSON FALLS MT 59873-1532
3C3640.00 QUINN, GERALD	RES-MTR-1X RESIDENTIAL 102 S. SCOTT ST.	08-03630	FULL CHARGES 221 CLAY STREET POST FALLS ID 83854
3C3525.00 GRUBB, BILLIE	RES-MTR-1X RESIDENTIAL PO BOX 607	08-03635	FULL CHARGES 219 CLAY STREET THOMPSON FALLS MT 59873-0607
3C3670.00 CAMPBELL, STEPHANEY	SPC-VACATION RATE C RESIDENTIAL PO BOX 2481	08-03640	FULL CHARGES 222 CLAY STREET RANCHO MIRAGE CA 92270

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Customer Name Additional Name	User Type Customer Billing Address		Service Address Customer City, State and Zip
3C2652-00 SWOPE, ROY & ALICE & FLOYD	RES-MTR-1X	08-03850	FULL CHARGES 225 CLAY STREET THOMPSON FALLS MT 59873-1462
	RESIDENTIAL PO BOX 1462		
3C2660-00 DOOLEY, RONALD L	RES-MTR-1X	08-03860	FULL CHARGES 235 CLAY STREET THOMPSON FALLS MT 59873-0393
	RESIDENTIAL PO BOX 393		
3C2670-00 BUTLER, JOHN & DONNA	RES-MTR-1X	08-03870	FULL CHARGES 305 CLAY STREET OMAK WA 98841
	RESIDENTIAL % JOHN PETERSEN 60		
3C2680-00 SCOTT, PAUL F. & VIOLA M	RES-MTR-1X	08-03880	FULL CHARGES 306 CLAY STREET THOMPSON FALLS MT 59873-1935
	RESIDENTIAL PO BOX 1935		
3C2690-00 CARTER, LILLIAN	RES-MTR-1X	08-03890	FULL CHARGES 314 CLAY STREET THOMPSON FALLS MT 59873-1703
	RESIDENTIAL PO BOX 1703		
3C2700-00 MCGUIGAN, ALBERT L	RES-MTR-1X	08-03900	FULL CHARGES 324 CLAY STREET THOMPSON FALLS MT 59873-0051
	RESIDENTIAL PO BOX 51		
3C2710-00 HUNTLEY, HARLEY H.	RES-MTR-1X	08-03910	FULL CHARGES 311 3RD AVE EAST THOMPSON FALLS MT 59873-1434
	RESIDENTIAL PO BOX 1434		
3C2715-00 LANDER, LINDA L	RES-MTR-1X	08-03915	FULL CHARGES 426 3RD AVE E THOMPSON FALLS MT 59873-2102
	RESIDENTIAL PO BOX 2102		
3C2718-00 KNERR, JOHN & BRIDGET	RES-MTR-1X	08-03918	FULL CHARGES 412 CLAY STREET THOMPSON FALLS MT 59873-1143
	RESIDENTIAL PO BOX 1143		
3C2720-00 FRANZWA, DARLENE E	RES-MTR-1X	08-03720	FULL CHARGES 415 CLAY STREET THOMPSON FALLS MT 59873-0592
	RESIDENTIAL PO BOX 592		
3C2730-00 KNERR, JOHN & BRIDGET	RES-MTR-1X	08-03730	FULL CHARGES 416 CLAY STREET THOMPSON FALLS MT 59873-1143
	RESIDENTIAL PO BOX 1143		
3C2734-00 KNERR, JOHN & BRIDGET	RES-MTR-1X	08-03734	FULL CHARGES 420 CLAY STREET THOMPSON FALLS MT 59873-1143
	RESIDENTIAL PO BOX 1143		
3C2735-00 BAYLOR, CAROL	RES-MTR-1X	08-03735	FULL CHARGES 421 CLAY STREET THOMPSON FALLS MT 59873-0251
	RESIDENTIAL PO BOX 251		
3C2740-00 SNELL, STEVEN	RES-MTR-1X	08-03740	FULL CHARGES 427 CLAY STREET THOMPSON FALLS MT 59873-1241
	RESIDENTIAL PO BOX 1241		
3C2745-00 MCEWEN, ARTHUR	RES-MTR-1X	08-03750	FULL CHARGES 425 CLAY STREET THOMPSON FALLS MT 59873-1441
	RESIDENTIAL PO BOX 1441		
3C2750-00 CURRY, SCOTT & CELESTE	RES-MTR-1X	08-03760	FULL CHARGES 509 CLAY STREET THOMPSON FALLS MT 59873-1659
	RESIDENTIAL PO BOX 1065		
3C2755-00 CHRISTIAN, MARJORIE	RES-MTR-1X	08-03770	FULL CHARGES 315 4TH AVE EAST THOMPSON FALLS MT 59873-1071
	RESIDENTIAL PO BOX 1071		
3C2760-00 JUNGE, GUNNER	RES-MTR-1X	08-03780	FULL CHARGES 407 4TH AVE EAST THOMPSON FALLS MT 59873-0591
	RESIDENTIAL PO BOX 591		
3C2800-00 PEDAHL, WESLEY A	RES MTR 1X	08-03800	FULL CHARGES 519 CLAY STREET THOMPSON FALLS MT 59873-1165
	RESIDENTIAL PO BOX 1165		
3C2810-00 % PEDAHL, SHERRY	RES-MTR-1X	08-03810	FULL CHARGES 520 CLAY STREET THOMPSON FALLS MT 59873-1596
	RESIDENTIAL PO BOX 1596		
3C2820-00 BUTLER, CHARLES W & DONNA M	RES-MTR-1X	08-03820	FULL CHARGES 521 CLAY STREET THOMPSON FALLS MT 59873-7314
	5-APARTMENT PO BOX 2214		
3C2830-00 MENKEL, KELLY LOWE, ANGIE	RES MTR 1X	08-03830	FULL CHARGES 524 CLAY STREET THOMPSON FALLS MT 59873-3462
	RESIDENTIAL PO BOX 1462		
3C2840-00 BARAJAS, JESUS	RES-MTR-1X	08-03840	FULL CHARGES 528 CLAY STREET THOMPSON FALLS MT 59873-1431
	RESIDENTIAL PO BOX 1431		
3C2860-00 THOMPSON, GARY & JAN	RES-MTR-1X	08-03860	FULL CHARGES 600 CLAY STREET THOMPSON FALLS MT 59873-1695
	RESIDENTIAL PO BOX 1695		
3C2870-00 HUTH, MICHAEL & JANIE	RES-MTR-1X	08-03870	FULL CHARGES 604 CLAY STREET THOMPSON FALLS MT 59873-2115
	RESIDENTIAL PO BOX 2115		
3C2880-00 ANDERSON, DORA	RES-MTR-1X	08-03880	FULL CHARGES 617 CLAY STREET THOMPSON FALLS MT 59873-0354
	RESIDENTIAL PO BOX 354		

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303680.00 HART, MARSHA LYNN	RES MTR- 1X RESIDENTIAL PO BOX 1521	08-03090	FULL CHARGES 514 CLAY STREET THOMPSON FALLS MT 59873-1521
303900.00 VICK, KENNETH & PHYLLIS % PEGGY BATES	RES-MTR- 1X RESIDENTIAL 4069 ROAD X SE	08-03900	FULL CHARGES 522 CLAY STREET WARDEN WA 98857
303910.00 FERREIRO, TODD & ANITA	RES-MTR- 1X RESIDENTIAL PO BOX 2497	08-03910	FULL CHARGES 525 CLAY STREET THOMPSON FALLS MT 59873-2497
303921.00 CONWAY, RICHARD	RES-MTR- 1X RESIDENTIAL PO BOX 1152	08-03921	FULL CHARGES 520 CLAY STREET THOMPSON FALLS MT 59873-1152
303930.00 FANEL, ROA	RES-MTR- 1X RESIDENTIAL PO BOX 751	08-03930	FULL CHARGES 202 CHURCH STREET THOMPSON FALLS MT 59873-0751
303940.00 DYKSTRA, DAVID	RES-MTR- 1X RESIDENTIAL PO BOX 173	08-03940	FULL CHARGES 207 CHURCH STREET THOMPSON FALLS MT 59873-0173
303950.00 PARSEE, CHAD & LEANNA	RES-MTR- 1X RESIDENTIAL PO BOX 1755	08-03950	FULL CHARGES 208 CHURCH STREET THOMPSON FALLS MT 59873-1755
303960.00 SAINT, STEVEN C. & BARBARA L	RES MTR 1X RESIDENTIAL 4 RACCOON LANE	08-03960	FULL CHARGES 214 CHURCH STREET THOMPSON FALLS MT 59873
303970.00 TILLY, MICHAEL	RES-MTR- 1X RESIDENTIAL PO BOX 2036	08-03970	FULL CHARGES 207 CHURCH STREET THOMPSON FALLS MT 59873-2036
303980.00 PENTECOSTAL CHURCH OF GOD	RES-MTR- 1X RESIDENTIAL PO BOX 1054	08-03980	FULL CHARGES 414 HALEY AVENUE E THOMPSON FALLS MT 59873-1054
304000.00 VOLK, JOY NICOLE	RES MTR 1X RESIDENTIAL PO BOX 1851	08-04000	FULL CHARGES 307 CHURCH STREET THOMPSON FALLS MT 59873-1851
304010.00 CHRISTIAN CHURCH	RES-MTR- 1X RESIDENTIAL PO BOX 32	08-04010	FULL CHARGES 308 CHURCH STREET THOMPSON FALLS MT 59873-0032
304020.00 KEPPE, RHODA	RES-MTR- 1X RESIDENTIAL PO BOX 1051	08-04020	FULL CHARGES 313 CHURCH STREET THOMPSON FALLS MT 59873-1051
304030.00 YODER, JOEL & EMMA	SPC-VACATION RATE C RESIDENTIAL 30 BARRY LANE	08-04030	FULL CHARGES 318 CHURCH STREET NOXON MT 59853
304040.00 PARKER, JUNE	RES-MTR- 1X RESIDENTIAL PO BOX 312	08-04040	FULL CHARGES 310 CHURCH STREET THOMPSON FALLS MT 59873-0312
304050.00 PARSEE, CHAD & LEANNA	RES-MTR- 1X RESIDENTIAL PO BOX 1755	08-04050	FULL CHARGES 330 CHURCH STREET THOMPSON FALLS MT 59873-1755
304060.00 CRIPPEN, ZACHARY	RES-MTR- 1X RESIDENTIAL PO BOX 2274	08-04060	FULL CHARGES 400 CHURCH STREET THOMPSON FALLS MT 59873-2274
304070.00 SNIDER, JOHN & ROSA	RES-MTR- 1X RESIDENTIAL 6810 KITTITAS HWY	08-04070	FULL CHARGES 408 CHURCH STREET ELLENSBURG WA 98926-8510
304080.00 STONE, ELEEN C/O JOHNSTON-PARKINSON	RES MTR 1X RESIDENTIAL 12 W ST ROSEHILL RD	08-04080	FULL CHARGES 416 CHURCH STREET HOSPITAL MT 59858
304111.00 WILSON, JOHN & MELISSA	RES-MTR- 1X RESIDENTIAL PO BOX 1997	08-04111	FULL CHARGES 426 CHURCH STREET THOMPSON FALLS MT 59873-1997
304115.00 LACY, STEVEN	RES-MTR- 1X RESIDENTIAL PO BOX 103	08-04115	FULL CHARGES 511 4TH AVE EAST THOMPSON FALLS MT 59873-0103
304120.00 GURRELL, DON	RES MTR 1X RESIDENTIAL PO BOX 465	08-04120	FULL CHARGES 504 CHURCH STREET THOMPSON FALLS MT 59873-0465
304130.00 FARGHER, RICHARD AND VALERIE	RES-MTR- 1X RESIDENTIAL PO BOX 1573	08-04130	FULL CHARGES 509 CHURCH STREET THOMPSON FALLS MT 59873-1573
304135.00 ELLIOTT, GEORGE & LINDA	RES-MTR- 1X RESIDENTIAL PO BOX 934	08-04135	FULL CHARGES 511 CHURCH STREET THOMPSON FALLS MT 59873-0934
304140.00 GARRETT, CRAIG	SPC-VACATION RATE C RESIDENTIAL PO BOX 152	08-04140	FULL CHARGES 517 CHURCH STREET TONOPOCA 89049
304150.00 HERRMAN, THOM & APRIL	RES-MTR- 1X RESIDENTIAL PO BOX 1945	08-04150	FULL CHARGES 519 CHURCH STREET THOMPSON FALLS MT 59873-1945

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304172-00 FRANCK, BRANDEN & ERICA	RES-WTR-1X RESIDENTIAL PO BOX 674	08-04170	FULL CHARGES 537 5TH AVE EAST THOMPSON FALLS MT 59873-0674
304183-00 DEICHS, PAUL & DONNA	RES-WTR-1X RESIDENTIAL PO BOX 1238	08-04180	FULL CHARGES 602 CHURCH STREET THOMPSON FALLS MT 59873-1238
304190-00 SPARKS, DAVID G	RES-WTR-1X RESIDENTIAL PO BOX 497	08-04190	FULL CHARGES 610 CHURCH STREET THOMPSON FALLS MT 59873-3991
304192-00 STARR, GREG	RES-WTR-1X RESIDENTIAL PO BOX 2208	08-04195	FULL CHARGES 608 CHURCH STREET THOMPSON FALLS MT 59873 2028
304203-00 KELLY, TIMOTHY J	RES-WTR-1X RESIDENTIAL PO BOX 1797	08-04200	FULL CHARGES 617 CHURCH STREET THOMPSON FALLS MT 59873-1797
304210-00 BENNETT DAVE GALEESH	RES-WTR-1X RESIDENTIAL PO BOX 1027	08-04210	FULL CHARGES 510 BIGHORN DRIVE THOMPSON FALLS MT 59873-1027
304220-00 BENNETT DAVID - MOUNTAIN HOUSE	RES-WTR-1X RESIDENTIAL PO BOX 1027	08-04220	FULL CHARGES 507 BIGHORN DRIVE THOMPSON FALLS MT 59873 1027
304220-MT BENNETT DAVE - MOUNTAIN HOUSE	NONE RESIDENTIAL PO BOX 1027	08-0422001	FULL CHARGES 507 BIGHORN DRIVE THOMPSON FALLS MT 59873-1027
304220A02 BENNETT DAVE - MOUNTAIN HOUSE	NONE RESIDENTIAL PO BOX 1027	08-0422002	FULL CHARGES 507 BIGHORN DRIVE THOMPSON FALLS MT 59873-1027
304225-00 FARRINGTON HAROLD	RES-WTR-1X RESIDENTIAL PO BOX 8	08-04225	FULL CHARGES 525 BIGHORN DRIVE THOMPSON FALLS MT 59873 3205
304230-00 WADSWORTH LARRY	RES-WTR-1X RESIDENTIAL PO BOX 253	08-04230	FULL CHARGES 540 BIGHORN DRIVE THOMPSON FALLS MT 59873-0755
304240-00 FORAS DAN	RES-WTR-1X RESIDENTIAL PO BOX 2525	08-04240	FULL CHARGES 538 BIGHORN DRIVE THOMPSON FALLS MT 59873-2525
304246-00 ROBINSON, DUSTIN & CHRISTINE	RES-WTR-1X RESIDENTIAL PO BOX 1035	08-04246	FULL CHARGES 549 BIGHORN DRIVE THOMPSON FALLS MT 59873 1035
304250-00 SCHENBURGER DONNA & ROBERTS RANDY	RES-WTR-1X RESIDENTIAL PO BOX 1134	08-04250	FULL CHARGES 540 BIGHORN DRIVE THOMPSON FALLS MT 59873-1134
304253-00 SABEY JR CAMILLE L	RES-WTR-1X RESIDENTIAL PO BOX 104	08-04253	FULL CHARGES 102 KOOKOO NEST COURT THOMPSON FALLS MT 59873-0304
304257-00 VUEVEN, ARTHUR	RES-WTR-1X RESIDENTIAL PO BOX 1441	08-04257	FULL CHARGES 225 KANIKSU CT THOMPSON FALLS MT 59873-1441
304260-00 HOSKINS, STAN & CHERYL	RES-WTR-1X RESIDENTIAL PO BOX 445	08-04260	FULL CHARGES 104 KOOKOO NEST COURT THOMPSON FALLS MT 59873-0445
304261-00 COOK, COURTNEY E	RES-WTR-1X RESIDENTIAL PO BOX 283	08-04261	FULL CHARGES 105 KANIKSU CT THOMPSON FALLS MT 59873-0283
304262-00 HAWKINS GLENN & DONNA JENNA HAWKINS	RES-WTR-1X RESIDENTIAL PO BOX 2540	08-04262	FULL CHARGES 825 BIGHORN DRIVE THOMPSON FALLS MT 59873 2540
304264-00 TURK CAROL	RES-WTR-1X RESIDENTIAL PO BOX 1932	08-04264	FULL CHARGES 101 KOOKOO NEST COURT THOMPSON FALLS MT 59873-1932
304265-00 MEYERS JEREMY & ALICIA	RES-WTR-1X RESIDENTIAL PO BOX 2023	08-04265	FULL CHARGES 108 KANIKSU CT THOMPSON FALLS MT 59873-2023
304267-00 VAUGHT, KEVIN	RES-WTR-1X RESIDENTIAL PO BOX 533	08-04267	FULL CHARGES 106 KANIKSU CT THOMPSON FALLS MT 59873-0533
304268-00 HOHENBERGER, TOM	RES-WTR-1X RESIDENTIAL PO BOX 221	08-04268	FULL CHARGES 102 KANIKSU CT THOMPSON FALLS MT 59873-0221
304280-00 KEPPNER, THOMAS & MILDRED	RES-WTR-1X RESIDENTIAL PO BOX 404	07-04280	FULL CHARGES 610 BIGHORN DRIVE THOMPSON FALLS MT 59873-0404
304290-00 CASTILLO STEPHANIE	RES-WTR-1X RESIDENTIAL 228 SCOTTY TRAIL	07-04290	FULL CHARGES 106 BIG BLOCK DRIVE FLORENCE MT 59833
304310-00 NEAL, GERALD & DONNA	RES-WTR-1X RESIDENTIAL PO BOX 905	07-04310	FULL CHARGES 727 GRIZZLY DRIVE THOMPSON FALLS MT 59873-0904

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313110-00 BIRSON, BRENN	RES-MTR-1X RESIDENTIAL PO BOX 1272	03-13110	FULL CHARGES 671 GRIZZLY DRIVE THOMPSON FALLS MT 59873-1273
313130-00 MINER, LARRY & THERESA	RES-MTR-1X RESIDENTIAL PO BOX 243	03-13130	FULL CHARGES 500 GRIZZLY DRIVE THOMPSON FALLS MT 59873-0243
313140-00 TALLANT DAVID L & DRESSEL LAURA	RES-MTR-1X RESIDENTIAL PO BOX 781	03-13140	FULL CHARGES 555 GRIZZLY DRIVE THOMPSON FALLS MT 59873-0751
313150-00 FINCK, TROY & ALICE	RES-MTR-1X RESIDENTIAL PO BOX 167	03-13150	FULL CHARGES 561 GRIZZLY DRIVE THOMPSON FALLS MT 59873-1671
313160-00 GREENWELL GREGORY & APRIL	RES-MTR-1X RESIDENTIAL PO BOX 506	03-13160	FULL CHARGES 556 GRIZZLY DRIVE THOMPSON FALLS MT 59873 0506
313170-00 BRUSE, PATRICK M	RES-MTR-1X RESIDENTIAL PO BOX 822	03-13170	FULL CHARGES 543 GRIZZLY DRIVE THOMPSON FALLS MT 59873-0827
313171-00 HAMILTON, JONATHAN G.	RES MTR-1X RESIDENTIAL PO BOX 542	03-13171	FULL CHARGES 542 GRIZZLY DRIVE THOMPSON FALLS MT 59873-0543
313210-00 VAUGHTA, GARY SR & GLORIA	RES-MTR-1X RESIDENTIAL PO BOX 1251	03-13210	FULL CHARGES 501 GRIZZLY DRIVE THOMPSON FALLS MT 59873 1251
313215-00 WEBSTER, KELLY	RES-MTR-1X RESIDENTIAL PO BOX 2432	03-13215	FULL CHARGES 525 GRIZZLY DRIVE THOMPSON FALLS MT 59873-2132
313220-00 BOCK, BLAKE E	RES MTR-1X RESIDENTIAL PO BOX 631	03-13220	FULL CHARGES 517 GRIZZLY DRIVE THOMPSON FALLS MT 59873-0631
313400-00 QUINN, DONNA J	RES-MTR-1X RESIDENTIAL PO BOX 2563	03-13400	FULL CHARGES 504 GRIZZLY DRIVE THOMPSON FALLS MT 59873 2563
313420-00 FADDIS, JEFFREY L & PATRICIA G	RES-MTR-1X RESIDENTIAL PO BOX 2075	03-13420	FULL CHARGES 540 GRIZZLY DRIVE THOMPSON FALLS MT 59873 2075
404270-00 DARLOW, GARY	RES-MTR-1X RESIDENTIAL PO BOX 1210	08-04270	FULL CHARGES 511 5TH AVE EAST THOMPSON FALLS MT 59873-1210
404280-00 BARTLETT, HOLAND E & WHITNEY N	RES-MTR-1X RESIDENTIAL PO BOX 2105	08-042801	FULL CHARGES 531 MAPLE STREET THOMPSON FALLS MT 59873 2105
404290-00 LEVESTAD, RUSSLYN A	RES-MTR-1X RESIDENTIAL PO BOX 2484	08-042901	FULL CHARGES 531 MAPLE STREET THOMPSON FALLS MT 59873-2484
404310-00 KNAZOE, RUSTY	RES-MTR-1X RESIDENTIAL PO BOX 726	08-04310	FULL CHARGES 526 MAPLE STREET THOMPSON FALLS MT 59873-0726
404320-00 KUSP, CORY & REBEKAH	RES-MTR-1X RESIDENTIAL PO BOX 954	08-04320	FULL CHARGES 512 5TH AVENUE E THOMPSON FALLS MT 59873-0954
404330-00 ERICHAZ, DEBRA	RES MTR-1X RESIDENTIAL PO BOX 1018	08 043101	FULL CHARGES 514 5TH AVE EAST THOMPSON FALLS MT 59873-1018
404340-00 MOREHOUSE, GARY	RES-MTR-1X RESIDENTIAL PO BOX 1214	08-04330	FULL CHARGES 520 MAPLE STREET THOMPSON FALLS MT 59873-1214
404350-00 LINDSAY, MATTHEW & ARLENE	RES-MTR-1X RESIDENTIAL PO BOX 2458	08-04340	FULL CHARGES 510 MAPLE STREET THOMPSON FALLS MT 59873 2458
404440-00 RYDER, MICHAEL & JLEAH	RES MTR-1X RESIDENTIAL PO BOX 2012	08 04440	FULL CHARGES 715 ADAMS STREET THOMPSON FALLS MT 59873-2012
404460-00 WILLIAMS, MICHAEL H	NONE RESIDENTIAL PO BOX 74	08-04460	FULL CHARGES 713 ADAMS STREET THOMPSON FALLS MT 59873 0074
404480-00 STOVER, JEREMY & SARAH	RES-MTR-1X RESIDENTIAL PO BOX 1073	08-04480	FULL CHARGES 721 ADAMS STREET THOMPSON FALLS MT 59873-1073
404490-00 GRANTS, STAN & EVA	RES MTR-1X RESIDENTIAL PO BOX 1297	08 04470	FULL CHARGES 605 HALEY AVENUE E TROUT CREEK MT 59874-1297
404500-00 THORNHILL, ROBERT & BRENDA	RES-MTR-1X RESIDENTIAL 3046 MT HIGHWAY 200	08 04480	FULL CHARGES 514 HALEY AVENUE E TROUT CREEK MT 59874
404510-00 LAFRINIERE, JOYCE	RES-MTR-1X RESIDENTIAL PO BOX 1352	08-04490	FULL CHARGES 505 ADAMS STREET THOMPSON FALLS MT 59873-1352

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404500-00 SHARP, RONALD & BONNIE	RES/MTR-1X	RESIDENTIAL PO BOX 82	08-04503	FULL CHARGES 907 HALEY AVENUE E THOMPSON FALLS MT 59873-0092
404505-00 SHARP, RONALD & BONNIE	RES-MTR-1X	RESIDENTIAL PO BOX 82	08-04505	FULL CHARGES 908 ADAMS STREET THOMPSON FALLS MT 59873-0092
404510-00 HASHIS, TOM	RES-MTR-1X	RESIDENTIAL PO BOX 1741	08-04510	FULL CHARGES 917 ADAMS STREET THOMPSON FALLS MT 59873-1741
404520-00 TAYLOR, JANE	RES-MTR-1X	RESIDENTIAL PO BOX 211	08-04520	FULL CHARGES 925 ADAMS STREET THOMPSON FALLS MT 59873-0211
404530-00 CLARK, ROBERT & RICKI	RES-MTR-1X	RESIDENTIAL 1101 ALAMEDA DR	08-04530	FULL CHARGES 409 ADAMS STREET JACKSONVILLE TX 75766
404540-00 ALCERETE, ANGELO & SABRE	RES-MTR-1X	RESIDENTIAL PO BOX 1454	08-04540	FULL CHARGES 705 HALEY AVENUE E THOMPSON FALLS MT 59873-1454
404550-00 PETRIE, RON & ELIZABETH	RES-MTR-1X	RESIDENTIAL 21 STARLOCKER LANE	08-04550	FULL CHARGES 102 GOLF STREET THOMPSON FALLS MT 59873
404560-00 FENKES, DOUGLAS & SUEANNE	RES-MTR-1X	RESIDENTIAL PO BOX 1306	08-04560	FULL CHARGES 106 GOLF STREET THOMPSON FALLS MT 59873-1306
404570-00 SHARP, RONALD	RES MTR 1X	RESIDENTIAL PO BOX 82	08-04570	FULL CHARGES 109 GOLF STREET THOMPSON FALLS MT 59873-0092
404580-00 WILLIAMS, ROBERT E	RES-MTR-1X	RESIDENTIAL PO BOX 273	08-04580	FULL CHARGES 105 GOLF STREET THOMPSON FALLS MT 59873-0273
404640-00 THE CHURCH OF JESUS CHRIST OF LATTER-DAY THOMPSON FALLS 5028000	EDU-2	RESIDENTIAL PO BOX 182754	08-04590	FULL CHARGES 210 GOLF STREET COLUMBUS OH 43218-2754
404600-00 OZERGAS, EDWARD & MELINDA	RES MTR 1X	RESIDENTIAL PO BOX 681	08-04600	FULL CHARGES 306 GOLF STREET THOMPSON FALLS MT 59873-0681
404605-00 BOLKAL, RUDOLF GEORG	RES-MTR-1X	RESIDENTIAL PO BOX 1937	08-04605	FULL CHARGES 307 GOLF STREET THOMPSON FALLS MT 59873-1937
404610-00 NEITZEL, ROBERT W	RES-MTR-1X	RESIDENTIAL PO BOX 350	08-04610	FULL CHARGES 310 GOLF STREET THOMPSON FALLS MT 59873-0350
404620-00 PAINTER, WINIFRED M	RES-MTR-1X	RESIDENTIAL PO BOX 91	08-04620	FULL CHARGES 211 BUCK STREET THOMPSON FALLS MT 59873-0091
404640-00 SCHOOL DISTRICT #2 - HIGH SCHOOL	EDU-2	RESIDENTIAL 705 HALEY AVENUE	08-04640	FULL CHARGES 601 GOLF STREET THOMPSON FALLS MT 59873
404645-00 BOARDING LAND LLC	RES-MTR-1X	RESIDENTIAL % MADINE NELSON, PO BOX 1633	08-04645	FULL CHARGES 1159 BEARPAW TRAIL THOMPSON FALLS MT 59873-1633
404650-00 PHILLIPS, JEFFREY & DEBORAH	RES-MTR-1X	RESIDENTIAL PO BOX 1280	08-04650	FULL CHARGES 101 HILL STREET THOMPSON FALLS MT 59873-1280
404655-00 CLARK, STEVE	RES-MTR-1X	RESIDENTIAL PO BOX 725	08-04655	FULL CHARGES 103 HILL STREET THOMPSON FALLS MT 59873-0725
404660-00 FELCS, JIM & DEBRA	RES MTR 1X	RESIDENTIAL PO BOX 1201	08-04660	FULL CHARGES 107 HILL STREET THOMPSON FALLS MT 59873-1201
404670-00 MCQUEEN, KENNETH R. & DONNA	RES-MTR-1X	RESIDENTIAL PO BOX 2422	08-04670	FULL CHARGES 111 HILL STREET THOMPSON FALLS MT 59873-2422
404680-00 LACY, BRIAN	RES-MTR-1X	RESIDENTIAL PO BOX 105	08-04680	FULL CHARGES 116 HILL STREET THOMPSON FALLS MT 59873-0105
404700-00 FAUSETT JADE & FAUSETT SCARLETT	RES MTR 1X	RESIDENTIAL PO BOX 614	08-04700	FULL CHARGES 106 ELK STREET THOMPSON FALLS MT 59873-0614
404710-00 CRAIG, FRANCIS & MARJORIE	RES-MTR-1X	RESIDENTIAL PO BOX 906	08-04710	FULL CHARGES 104 ELK STREET THOMPSON FALLS MT 59873-0906
404720-00 KELLER, PEGGY	RES MTR 1X	RESIDENTIAL PO BOX 413	08-04720	FULL CHARGES 111 ELK STREET THOMPSON FALLS MT 59873-0413
404730-00 MARTIN, STEPHANIE L & LLYR KRISTIN M	RES MTR 1X	RESIDENTIAL PO BOX 544	08-04730	FULL CHARGES 102 ELK STREET THOMPSON FALLS MT 59873-0544

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404740-00 JOHNSTON, SANFORD L & LISA K	RES-MTR-1X RESIDENTIAL PO BOX 202	03-04740 115 ELK STREET THOMPSON FALLS MT 59873-1202	FULL CHARGES
404741-00 KAZVIEROZAK, RONALD V & SANDRA L	RES-MTR-1X RESIDENTIAL PO BOX 1000	03-04750 116 ELK STREET THOMPSON FALLS MT 59873-1000	FULL CHARGES
404761-00 WAKEFIELD, LARRY & LINDA	RES-MTR-1X RESIDENTIAL PO BOX 1357	03-04760 118 ELK STREET THOMPSON FALLS MT 59873-1357	FULL CHARGES
404770-00 OWENS, SHALNA J	RES-MTR-1X RESIDENTIAL PO BOX 1414	03-04770 119 ELK STREET THOMPSON FALLS MT 59873-1414	FULL CHARGES
404780-00 WOODEN, ANN M	RES-MTR-1X RESIDENTIAL PO BOX 1086	03-04780 123 ELK STREET THOMPSON FALLS MT 59873-1086	FULL CHARGES
404785-00 SPALDING, ROBERT A	COMMTR-1X RESIDENTIAL PO BOX 1325	03-04785 202 204 BOULDER AVENUE TROUT CREEK MT 59874-1326	FULL CHARGES
404786-00 HOGINS, DAVID S	COMMTR-1X RESIDENTIAL PO BOX 194	03-04786 206 208 BOULDER AVENUE NOXON MT 59853-0194	FULL CHARGES
404790-00 DVORUZNAK, DONALD S	RES-MTR-1X RESIDENTIAL PO BOX 1750	03-04790 122 ELK STREET THOMPSON FALLS MT 59873-1750	FULL CHARGES
404800-00 TRAIN, ANTHONY	RES-MTR-1X RESIDENTIAL 4525 MONTANA HIGHWAY 200	03-04800 212 BOULDER AVENUE THOMPSON FALLS MT 59873	FULL CHARGES
404810-00 JOHNSON, ROBERT	SPC-VACATION RATE C RESIDENTIAL PO BOX 2006	03-04810 218 BOULDER AVENUE THOMPSON FALLS MT 59873-2006	FULL CHARGES
404820-00 HUMMEL, CATHERINE JOHNSON, ROBERT	RES-MTR-1X RESIDENTIAL PO BOX 2006	03-04820 218 BOULDER AVENUE THOMPSON FALLS MT 59873-2006	FULL CHARGES
404840-00 VAN HUSS, MARK & ANDREA	RES-MTR-1X RESIDENTIAL PO BOX 1223	03-04840 226 BOULDER AVENUE THOMPSON FALLS MT 59873-1223	FULL CHARGES
404850-00 VOLINKA, DANIEL & MELISSA	RES-MTR-1X RESIDENTIAL PO BOX 1607	03-04850.00 226 BOULDER AVENUE THOMPSON FALLS MT 59873-1607	FULL CHARGES
404865-00 HARPER, RICK	RES-MTR-1X RESIDENTIAL PO BOX 2593	03-04865 228 BOULDER AVENUE THOMPSON FALLS MT 59873-2593	FULL CHARGES
404867-00 BODINE FAMILY TRUST C/O DAVE & RUTH ROBBINS	RES-MTR-1X RESIDENTIAL 6740 SUNSET CIRCLE	03-04867 948 HALEY AVENUE E RIVERSIDE CA 92506-6740	FULL CHARGES
404869-00 LANTZ, LESLIE D & LORAIN	RES-MTR-1X RESIDENTIAL PO BOX 2017	03-04869 908 HALEY AVENUE E THOMPSON FALLS MT 59873-2017	FULL CHARGES
404870-00 LOYA, ATANACIO	RES-MTR-1X RESIDENTIAL PO BOX 867	03-04870 916 HALEY AVENUE E THOMPSON FALLS MT 59873-0867	FULL CHARGES
404880-00 WHITE, LARRY	RES-MTR-1X RESIDENTIAL PO BOX 1621	03-04880 922 HALEY AVENUE E THOMPSON FALLS MT 59873-1621	FULL CHARGES
404882-00 TOMS, RICHARD & KYLA	RES-MTR-1X RESIDENTIAL PO BOX 661	03-04882.00 926 HALEY AVE E THOMPSON FALLS MT 59873-0661	FULL CHARGES
404883-00 GRIFFITHS, HUGH & SUSAN	RES-MTR-1X RESIDENTIAL PO BOX 863	03-04883 930 HALEY AVENUE E THOMPSON FALLS MT 59873-0863	FULL CHARGES
404891-00 VALERIUS, GERARD & YVETTE	RES-MTR-1X RESIDENTIAL PO BOX 2042	03-04891 926 HALEY AVENUE E THOMPSON FALLS MT 59873-2042	FULL CHARGES
404892-00 SHEEHAN, HENRY SENZEL, JOYCE	RES-MTR-1X RESIDENTIAL PO BOX 1373	03-04892 104 EDDY STREET THOMPSON FALLS MT 59873-1373	FULL CHARGES
404900-00 JEFFERIS, BUDDY J & JUDY A	RES-MTR-1X RESIDENTIAL PO BOX 1080	03-04900 105 EDDY STREET THOMPSON FALLS MT 59873-1080	FULL CHARGES
404904-00 SCHOOL DISTRICT #2 - HIGH SCHOOL - NEW ADDITION	RES-MTR-1X RESIDENTIAL 208 HALEY AVE W	03-04904 601 1/2 GOLF STREET THOMPSON FALLS MT 59873	FULL CHARGES
410800-00 FARLAN, MOAT & DARCY	RES-MTR-1X RESIDENTIAL PO BOX 414	03-10800 810 ASPEN CT THOMPSON FALLS MT 59873-8414	FULL CHARGES
500800-00 THOMPSON FALLS RURAL FIRE HALL	RES-MTR-1X RESIDENTIAL PO BOX 958	03-04901 1011 MAIN STREET W THOMPSON FALLS MT 59873-0958	FULL CHARGES

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504810-00 BLACKFOOT TELEPHONE COOPERATIVE ATTN: ACCOUNTS PAYABLE	COM-MTR-1X COMMERCIAL PO BOX 16600	38-04910 FULL CHARGES 1605 MAIN STREET W MISSOULA MT 59808
504920-00 MEISTER, JOHN & SANDRA SHOP	RES MTR 1X RESIDENTIAL PO BOX 596	38-04920 FULL CHARGES 1705 MAIN STREET W THOMPSON FALLS MT 59873-0666
504930-00 MEISTER, JOHN & SANDRA	SPC-VACATION RATE C RESIDENTIAL PO BOX 596	38-04930 FULL CHARGES 1715 MAIN STREET W THOMPSON FALLS MT 59873-0666
504940-00 MEISTERS SHOP MEISTER JOHN	COM-MTR-1X COMMERCIAL PO BOX 596	38-04940 FULL CHARGES 1709 MAIN STREET W THOMPSON FALLS MT 59873-0666
504954-00 THOMPSON FALLS AMBULANCE	RES-MTR-1X RESIDENTIAL PO BOX 1055	38-04954 FULL CHARGES 1620 MAIN STREET W THOMPSON FALLS MT 59873-1055
504956-00 US POSTAL SERVICE	EDU-1.5 COMMERCIAL 1611 MAIN STREET	38-04956 FULL CHARGES 1611 MAIN STREET W THOMPSON FALLS MT 59873
504960-00 THOMPSON FALLS MEDICAL CLINIC	EDU-1.5 COMMERCIAL PO BOX 768	38-04960 FULL CHARGES 120 POND STREET S PLAINS MT 59859 0768
504975-00 WHITEFIS – CREDIT UNION	EDU-1.5 RESIDENTIAL PO BOX 758	38-04975 FULL CHARGES 107 POND STREET S - DC THOMPSON FALLS MT 59873-0758
504990-00 TOWN PUMP INC.	EDU-1 COMMERCIAL PO BOX 8000	38-04990 FULL CHARGES 1301 MAIN STREET W BUTTE MT 59702-8000
505000-00 THOMPSON FALLS FAMILY PHARMACY	COM-MTR-1X COMMERCIAL PO BOX 1059	38-05000 FULL CHARGES 1221 MAIN STREET W THOMPSON FALLS MT 59873
505015-00 HARMON, TRENTON & SARAH	COM-MTR-1X COMMERCIAL PO BOX 1535	38-05015 FULL CHARGES 1219 MAIN STREET W THOMPSON FALLS MT 59873-1535
505020-00 FIRST AMERICAN TITLE CO.	COM MTR 1X COMMERCIAL PO BOX 582	38-05020 FULL CHARGES 1211 MAIN STREET W BLACKFOOT ID 83221
505030-00 THOMPSON FALLS SHEET & PLATE LLP JOHN & DAVID MOSHER	COM-MTR-1X COMMERCIAL PO BOX 2E	38-05030 FULL CHARGES 1201 MAIN STREET W THOMPSON FALLS MT 59873 2226
505040-00 SANDERS CO CLERK & RECORDER	EDU-2 COMMERCIAL PO BOX 519	38-05040 FULL CHARGES 1111 MAIN STREET W THOMPSON FALLS MT 59873-0519
505050-00 JOHNSON, RODNEY K. & CLARK FORK TITLE INC.	COM-MTR-1X COMMERCIAL PO BOX 0	38-05050 1037 MAIN STREET W THOMPSON FALLS MT 59873-0000
505060-00 REX'S THEATER DOUG'S TOWING AND AUTO INC.	COM-MTR-1X COMMERCIAL PO BOX 1405	38-05060 1200 MAIN STREET W THOMPSON FALLS MT 59873-1405
505070-00 CLARK FORK TITLE INC.	EDU-1 COMMERCIAL PO BOX 9	38-05070 1029 MAIN STREET W THOMPSON FALLS MT 59873-0009
505080-00 BLACKFOOT TELEPHONE COOPERATIVE ATTN: ACCOUNTS PAYABLE	COM-MTR-1X COMMERCIAL PO BOX 16600	38-05080 1025 MAIN STREET W MISSOULA MT 59808
505090-00 EGGENSPERGER, TOM	COM-MTR-1X COMMERCIAL PO BOX 22	38-05090 1017 MAIN STREET W THOMPSON FALLS MT 59873-022
505101-00 PROSPECT PROPERTIES	COM MTR 1X COMMERCIAL PO BOX 1805	38-05101 1013 MAIN STREET W THOMPSON FALLS MT 59873-1805
505110-00 FIRST SECURITY BANK	SPC-VACATION RATE C RESIDENTIAL PO BOX 3500	38-05110 1001 MAIN STREET W THOMPSON FALLS MT 59873-3500
505120-00 MONTANA MOORE HOLDINGS LLC	RES-MTR-1X COMMERCIAL 14150 NE 20TH ST. SUITE F1-106	38-05120 925 MAIN STREET W BELLEVUE WA 98007
505130-00 SEXTON INC DBA MINNIES MONTANA CAFE	COM-MTR-1X COMMERCIAL PO BOX 35	38-05130 921 MAIN STREET W THOMPSON FALLS MT 59873-0035
505140-00 PARKER, NOLAN & LINDA	COM-MTR-1X COMMERCIAL PO BOX 32	38-05140 915 MAIN STREET W THOMPSON FALLS MT 59873-0032
505150-00 MONTANA RAIL LINK - LOCAL	EDU-1.5 COMMERCIAL PO BOX 15000	38-05150 907 MAIN STREET W MISSOULA MT 59806-5000
505170-00 DOUG'S TRUE VALUE BGC CORP	COM MTR 1X COMMERCIAL PO BOX 1028	38-05170 907 MAIN STREET W THOMPSON FALLS MT 59873-1026

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505180-00 DOUG'S TRUE VALUE/HEALTH-	COM-VTR- 1X	COMMERCIAL PO BOX 1026	08-05180	FULL CHARGES 901 MAIN STREET W DOUG'S TRUE VALUE THOMPSON FALLS MT 59873-1026
505190-00 MOSHER, JOHN W & BARBARA L	COM-VTR- 1X	COMMERCIAL PO BOX 2	08-05190	FULL CHARGES 871 MAIN STREET W FALLS FLORA THOMPSON FALLS MT 59873-0002
505200-00 MOSHER, JOHN W & BARBARA L	COM-VTR- 1X	COMMERCIAL PO BOX 2	08-05200	FULL CHARGES 205 MAIN STREET W THOMPSON FALLS MT 59873-0002
505210-00 FARVER, CESAR S ANDREA	COM-VTR- 1X	RESIDENTIAL PO BOX 82	08-05210	FULL CHARGES 807 MAIN STREET W PLAINS MT 59859-0082
505220-00 KARJE JR, JAMES	RES-MTR- 1X	COMMERCIAL PO BOX 872	08-05220	FULL CHARGES 801 MAIN STREET W THOMPSON FALLS MT 59873-0872
505230-00 LAY, JERRY	COM-VTR- 1X	COMMERCIAL PO BOX 1646	08-05230	FULL CHARGES 709 MAIN STREET W THOMPSON FALLS MT 59873-164
505240-00 FIRST BAPTIST CH.RCH	RES-MTR- 1X	RESIDENTIAL PO BOX 694	08-05240	FULL CHARGES 705 MAIN STREET W THOMPSON FALLS MT 59873-069
505255-00 WAKEFIELD, TODD & RONDA	COM-VTR- 1X	COMMERCIAL PO BOX 7256	08-05255	FULL CHARGES 105 BROAD STREET S THOMPSON FALLS MT 59873-7256
505270-00 LITTLE BITTERROOT SERVICES INC	COM-VTR- 1X	COMMERCIAL PO BOX 189	08-05270	FULL CHARGES 607 MAIN STREET W PLAINS MT 59859-0189
505275-00 THOMPSON, GINGER	RES-MTR- 1X	RESIDENTIAL 706 GILMORE ST	08-05275	FULL CHARGES 170 HILL STREET S WAYCROSS GA 31501
505276-00 LELPKE'S FAMILY LLC	EDU-MTR- 1X	RESIDENTIAL PO BOX 1030	08-05276	FULL CHARGES 111 BROAD STREET S THOMPSON FALLS MT 59873-1030
505280-00 EGGERSPERGER, TOM & GINA	COM-VTR- 1X	COMMERCIAL PO BOX 221	08-05280	FULL CHARGES 303 MAIN STREET W THOMPSON FALLS MT 59873-0219
505290-00 FIRSHMAN-EGGER, TOM & GINA	COM-VTR- 1X	COMMERCIAL PO BOX 221	08-05290	FULL CHARGES 201 MAIN STREET W THOMPSON FALLS MT 59873-0219
505300-00 SPECIALIZED ASSET MANAGEMENT LLC	RES-MTR- 1X	RESIDENTIAL 8742 LUCENT BLVD STE 300	08-05300	FULL CHARGES 105 HILL STREET S HIGHLANDS RANCH CO 80129-8742
505310-00 LELPKE'S FAMILY LLC	RES-MTR- 1X	RESIDENTIAL PO BOX 1030	08-05310	FULL CHARGES 109 HILL STREET S THOMPSON FALLS MT 59873-1030
505320-00 CEM ELECTRIC	COM-VTR- 1X	COMMERCIAL PO BOX 857	08-05320	FULL CHARGES 511 MAIN STREET W THOMPSON FALLS MT 59873-0857
505321-00 CEM ELECTRIC	RES-MTR- 1X	RESIDENTIAL PO BOX 857	08-05321	FULL CHARGES 109 HILL ST THOMPSON FALLS MT 59873-0857
505330-00 STOLZ, COURTNEY	RES-MTR- 1X	COMMERCIAL PO BOX 494	08-05330	FULL CHARGES 505 MAIN STREET W THOMPSON FALLS MT 59873-0494
505331-00 STOLZ, COURTNEY	COM-VTR- 1X	RESIDENTIAL PO BOX 494	08-05331	FULL CHARGES 507 MAIN STREET W THOMPSON FALLS MT 59873-0494
505340-00 LONE STAR LODGE	COM-VTR- 1X	COMMERCIAL PO BOX 141	08-05340	FULL CHARGES 501 MAIN STREET W THOMPSON FALLS MT 59873-0141
505350-00 PARTIN, NOLAN	RES-MTR- 1X	RESIDENTIAL PO BOX 32	08-05350	FULL CHARGES 130 FERRY STREET S THOMPSON FALLS MT 59873-0032
505355-00 GARRISON, GLENN & SUZANNE	RES-MTR- 1X	RESIDENTIAL 4430 HWY 200	08-05355	FULL CHARGES 409 MAIN STREET W THOMPSON FALLS MT 59873
505360-00 NELSON, PAULA	RES-MTR- 1X	RESIDENTIAL PO BOX 1272	08-05360	FULL CHARGES 405 MAIN STREET W THOMPSON FALLS MT 59873-1272
505365-00 STOLTZ, STEVEN TEE & THERESE	COM-VTR- 1X	COMMERCIAL PO BOX 1903	08-05365	FULL CHARGES 401 MAIN STREET W THOMPSON FALLS MT 59873-1903
505395-00 YANKEY, RAY S	RES-MTR- 1X	RESIDENTIAL PO BOX 2414	08-05395	FULL CHARGES 109 PINE STREET S THOMPSON FALLS MT 59873-2414
505400-00 CANAFIL, HERMAN & DAVID	RES-MTR- 1X	COMMERCIAL *4060 GLENDALE CT	08-05400	FULL CHARGES 209 MAIN STREET W RANCHO CUCAMONGA CA 91739

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505413-00 PARKS, DAN & CARLA	COM-MTR-1X COMMERCIAL PO BOX 2525	38-05410	FULL CHARGES 303 MAIN STREET W THOMPSON FALLS MT 59873-2525
505420-00 ALTMAN, JOSEPH & KATHRYN	COM-MTR-1X COMMERCIAL PO BOX 782	38-05420	FULL CHARGES 301 MAIN STREET W THOMPSON FALLS MT 59873-0782
505422-00 HAGEDORN LAND SURVEYING INC RICK HAGEDORN	RES-MTR-1X RESIDENTIAL PO BOX 524	38-05422	FULL CHARGES 108 HEAM STREET S THOMPSON FALLS MT 59873-0524
505425-00 DEROSAS, EDWARD & MELINDA	RES-MTR-1X RESIDENTIAL PO BOX 661	38-05425	FULL CHARGES 109 PEARL STREET S THOMPSON FALLS MT 59873-0661
505427-00 HILTONGS, CODY	RES-MTR-1X RESIDENTIAL PO BOX 1636	38-05427	FULL CHARGES 111 PEARL STREET S THOMPSON FALLS MT 59873-1636
505430-00 SHEET-AV, CHARLES T.	COM-MTR-1X COMMERCIAL PO BOX 481	38-05430	FULL CHARGES 229 MAIN STREET W - LITTLE BEAR THOMPSON FALLS MT 59873-0481
505440-00 ENERGY PARTNERS	COM-MTR-1X COMMERCIAL 3050 STOCKYARD RD	38-05440	FULL CHARGES 224 MAIN STREET W MISSOULA MT 59805
505441-00 CAMPBELL, MARK W & KATRINA W	COM-MTR-1X RESIDENTIAL PO BOX 1393	38-05441	FULL CHARGES 219 MAIN STREET W PLAINS MT 59859-1393
505442-00 CAMPBELL, MARK & KATRINA	SPC-VACATION RATE C RESIDENTIAL PO BOX 1393	01-05442	FULL CHARGES 215 MAIN STREET W PLAINS MT 59859-1393
505444-00 CAMPBELL, MARK & KATRINA	SPC-VACATION RATE C RESIDENTIAL PO BOX 1393	01-05444	FULL CHARGES 207 MAIN STREET W PLAINS MT 59859-1393
505460-00 BENNETT, DAVID - OFFICE	COM-MTR-1X COMMERCIAL PO BOX 1027	38-05460	FULL CHARGES 220 MAIN STREET W THOMPSON FALLS MT 59873-1027
505480-00 NORTHWESTERN ENERGY ATTN: AP MIC - OSTERTAG	EDU 1.5 COMMERCIAL 40 E BROADWAY	38-05480	FULL CHARGES 1525 MAIDEN LANE BUTTE MT 59701
505481-00 NORTHWESTERN ENERGY ATTN: AP MIC - OSTERTAG	COM-MTR-1X COMMERCIAL 11 E PARK ST	38-05481	FULL CHARGES 1517 MAIDEN LANE BUTTE MT 59701
505482-00 FURRY, BRIAN K (CLARKNEY	RES-MTR-1X RESIDENTIAL PO BOX 483	08-05482	FULL CHARGES 1517 MAIDEN LANE WORLAND WY 82401-3420
505483-00 DENMARK, HENRY F	RES-MTR-1X RESIDENTIAL PO BOX 7072	38-05450	FULL CHARGES 1532 MAIDEN LANE THOMPSON FALLS MT 59873-7072
505484-00 LONE MANOR BUS & PROPERTY C/O MONTRIC REALTY INC	EDU 1.5 COMMERCIAL 1165 BOOKCLIFF AVE	38-05500	FULL CHARGES 1500 MAIDEN LANE GRAND JUNCTION CO 81501
505485-00 ENT PROPERTIES	RES-MTR-1X RESIDENTIAL 15 VALLEY CREEK RD	08-05510	FULL CHARGES 1520 MAIDEN LANE THOMPSON FALLS MT 59873
505490-00 GIFFIN, NICHOLAS E.	RES-MTR-1X RESIDENTIAL PO BOX 7	08-05520	FULL CHARGES 115 POND STREET S THOMPSON FALLS MT 59873-0007
505491-00 LOVELL, RANDY L	RES-MTR-1X RESIDENTIAL PO BOX 969	08-05540	FULL CHARGES 1507 MAIDEN LANE THOMPSON FALLS MT 59873-0969
505550-00 FREEMAN, WILLIAM C & CHERYL	RES-MTR-1X RESIDENTIAL PO BOX 2139	08-05560	FULL CHARGES 1506 MAIDEN LANE THOMPSON FALLS MT 59873-2139
505610-00 PARKER, FRANK	RES-MTR-1X RESIDENTIAL PO BOX 1645	08-05580	FULL CHARGES 1512 1/2 MAIDEN LANE THOMPSON FALLS MT 59873-1645
505620-00 FIEL, LARRY AND JANET	RES-MTR-1X RESIDENTIAL PO BOX 1507	08-05600-00	FULL CHARGES 1417 MAIDEN LANE THOMPSON FALLS MT 59873-1507
505630-00 HAGEDORN, RICKY & ROBIN	RES-MTR-1X RESIDENTIAL PO BOX 524	08-05800	FULL CHARGES 204 LINCOLN STREET S THOMPSON FALLS MT 59873-0144
505670-00 FISHER, A. RONALD	RES-MTR-1X RESIDENTIAL PO BOX 2134	08-05810	FULL CHARGES 205 LINCOLN STREET S THOMPSON FALLS MT 59873-2134
505680-00 BAXTER, ROBERT T & SUSAN J	RES-MTR-1X RESIDENTIAL PO BOX 547	08-05830	FULL CHARGES 211 LINCOLN STREET S THOMPSON FALLS MT 59873-0547
505690-00 HAAR, IRENE SANSON	RES-MTR-1X RESIDENTIAL PO BOX 938	08-05850	FULL CHARGES 216 LINCOLN STREET S THOMPSON FALLS MT 59873-0938

Account Customer Name Additional Name	Rate Code User Type Customer Billing Address	Route Meter Service Address Customer City, State and Zip	Billing Code
526010-00 BRICKZIN BOB	RES-MTR-1X RESIDENTIAL PO BOX 1436	08-05570	FULL CHARGES 1509 MAIDEN LANE THOMPSON FALLS MT 59873 1432
526550-M1 H2 HOSPITALITY INC DBA FALLS MOTEL	COM-MTR-1X RESIDENTIAL PO BOX 455	08-0569001	FULL CHARGES 112 GALLATIN STREET S SUPERIOR MT 59872-0455
526550-M2 H2 HOSPITALITY INC DBA FALLS MOTEL	COM-MTR-1X RESIDENTIAL PO BOX 452	08-0569002-V2	FULL CHARGES 112 GALLATIN STREET S SUPERIOR MT 59872-0452
526550-M3 H2 HOSPITALITY INC DBA FALLS MOTEL	COM-MTR-1X RESIDENTIAL PO BOX 458	08-0569003	FULL CHARGES 112 GALLATIN STREET S SUPERIOR MT 59872-0453
526700-00 HOWE, BETTY J	RES-MTR-1X RESIDENTIAL PO BOX 104	08-05700	FULL CHARGES 200 GALLATIN STREET S THOMPSON FALLS MT 59873-0104
526710-00 CANNON, CHARLES	RES-MTR-1X RESIDENTIAL PO BOX 4	08-05710	FULL CHARGES 200 GALLATIN STREET S THOMPSON FALLS MT 59873-0004
526720-00 MUSTER, JOHN	RES-MTR-1X RESIDENTIAL PO BOX 696	08-05720	FULL CHARGES 216 GALLATIN STREET S THOMPSON FALLS MT 59873-0696
526730-00 MUSTER, JOHN & SANDRA - SHOP	RES-MTR-1X RESIDENTIAL PO BOX 696	08-05730	FULL CHARGES 212 1/2 GALLATIN STREET S THOMPSON FALLS MT 59873-0696
526740-00 OSWALD, STEVE & NOVAK, LINDA	RES-MTR-1X RESIDENTIAL PO BOX 482	08-05740	FULL CHARGES 200 GALLATIN STREET S THOMPSON FALLS MT 59873-0402
526745-00 VALLEY BANK	COM-MTR-1X COMMERCIAL PO BOX 654	08-05745	FULL CHARGES 1222 MAIDEN LANE ST IGNATIUS MT 59865
526750-00 MUSTER, JOHN	RES-MTR-1X RESIDENTIAL PO BOX 696	08-05750	FULL CHARGES 1210 MAIDEN LANE THOMPSON FALLS MT 59873-0696
526770-00 TRAIN PROPERTIES LLC	RES-MTR-1X RESIDENTIAL 4521 HIGHWAY 200	08-05770	FULL CHARGES 1211 MAIDEN LANE THOMPSON FALLS MT 59873
526780-00 OTTEN, DOUGLAS C	RES-MTR-1X RESIDENTIAL PO BOX 1343	08-05780	FULL CHARGES 1203 MAIDEN LANE THOMPSON FALLS MT 59873-1343
526790-00 STYGER, CAROL	RES-MTR-1X RESIDENTIAL PO BOX 471	08-05790	FULL CHARGES 1201 MAIDEN LANE THOMPSON FALLS MT 59873-0471
526800-00 ARNSTEIN, WAYNE	RES-MTR-1X RESIDENTIAL PO BOX 2008	08-05800	FULL CHARGES 305 MADISON STREET S THOMPSON FALLS MT 59873-2008
526810-00 MV INVESTMENTS (YURCZYK/MUSTER)	RES-MTR-1X RESIDENTIAL PO BOX 832	08-05810	FULL CHARGES 210 MADISON STREET S THOMPSON FALLS MT 59873-0832
526820-00 YURCZYK, FRANCIS	RES-MTR-1X RESIDENTIAL PO BOX 832	08-05820	FULL CHARGES 207 MADISON STREET S THOMPSON FALLS MT 59873-0832
526830-00 MORRIS, DIANE	COM-MTR-1X COMMERCIAL PO BOX 1609	08-05830	FULL CHARGES 1115 MAIDEN LANE THOMPSON FALLS MT 59873-1609
526840-00 JERKS ENTERPRISES INC N QUEEN, TIMOTHY	COM-MTR-1X COMMERCIAL PO BOX 2317	08-05840	FULL CHARGES 105 MADISON STREET S THOMPSON FALLS MT 59873-2317
526850-00 SANDERS COUNTY JAIL	HOU-I COMMERCIAL PO BOX 519	08-05850	FULL CHARGES 1115 MAIN STREET W THOMPSON FALLS MT 59873-0519
526870-00 LEUPKENS FAMILY LLC	RES-MTR-1X RESIDENTIAL PO BOX 1030	08-05870	FULL CHARGES 1111 MAIDEN LANE THOMPSON FALLS MT 59873-1030
526880-00 FLOYD, GEORGE & LINDA	RES-MTR-1X RESIDENTIAL PO BOX 851	08-05880	FULL CHARGES 1105 MAIDEN LANE THOMPSON FALLS MT 59873-0851
526910-00 LEUPKENS, RUD & JUDY	RES-MTR-1X RESIDENTIAL PO BOX 1030	08-05890	FULL CHARGES 1101 MAIDEN LANE THOMPSON FALLS MT 59873-1030
526920-00 SANDERS CO COURTHOUSE LAWN	SPC VACATION RATE C COMMERCIAL PO BOX 519	08-05900	FULL CHARGES 1111 MAIN STREET W THOMPSON FALLS MT 59873-0519
526930-00 SANDERS COUNTY OLD JAIL / MUSEUM	COM-MTR-1X COMMERCIAL PO BOX 519	08-05901	FULL CHARGES 109 MADISON STREET S THOMPSON FALLS MT 59873-0519
526970-00 REITER, KIMBERLY	RES-MTR-1X RESIDENTIAL PO BOX 1191	08-05910	FULL CHARGES 107 JEFFERSON STREET S THOMPSON FALLS MT 59873-1131

Account	Rate Code	Route - Meter	Billing Code
Customer Name Additional Name	User Type Customer Billing Address		Service Address Customer City, State and Zip
529920-00 KELLER, KIMBERLY	RES MTR 1X	08-05920	FULL CHARGES 107 1/2 JEFFERSON STREET S THOMPSON FALLS MT 59873-1751
529930-00 POCRAT, GARY A.	RES-MTR-1X RESIDENTIAL 1049 DECKER SCHOOL LANE	08-05930	FULL CHARGES 1030 MAIDEN LANE MALIBU CA 90265
529940-00 INGHAM, ANNY	RES-MTR-1X RESIDENTIAL 2 GEBHARDT LN	08-05940	FULL CHARGES 905A MAIDEN LANE THOMPSON FALLS MT 59873
529950-00 SAKASKE, STEPHEN	RES-MTR 1X RESIDENTIAL PO BOX 10044	08-05950	FULL CHARGES 1016 MAIDEN LANE KALISPELL MT 59904-0544
529960-00 ELLIOTT, LYNETTE K	RES-MTR-1X RESIDENTIAL PO BOX 1601	08-05960	FULL CHARGES 1014 MAIDEN LANE THOMPSON FALLS MT 59873-1911
529970-00 J P JENKINS FAMILY LLC	RES-MTR-1X RESIDENTIAL PO BOX 1030	08-05970	FULL CHARGES 1035 MAIDEN LANE THOMPSON FALLS MT 59873-1030
529980-00 FIRST SECURITY BANK	COMMTR-1X COMMERCIAL PO BOX 3600	08-05980	FULL CHARGES 107 FULTON STREET S THOMPSON FALLS MT 59873-3600
529990-00 FIRST SECURITY BANK	SPC-VACATION RATE C RESIDENTIAL PO BOX 3600	08-05990	FULL CHARGES 917 919 MAIDEN LANE THOMPSON FALLS MT 59873-3600
530020-00 FOYT, TIM	RES-MTR-1X RESIDENTIAL PO BOX 1177	08-06020	FULL CHARGES 905 MAIDEN LANE THOMPSON FALLS MT 59873-1177
530032-00 SCOTT, RICHARD & MARY S	RES-MTR-1X RESIDENTIAL PO BOX 698	08-06032	FULL CHARGES 107 MILL STREET S THOMPSON FALLS MT 59873-0698
530050-00 DINKELSPIEL, LLOYD	RES MTR 1X RESIDENTIAL 36 GRAHAM LN	08-06052	FULL CHARGES 109 MILL STREET S TROUT CREEK MT 59874
530055-00 CATTON, PAUL & JESSICA	COMMTR-1X RESIDENTIAL PO BOX 1750	08-06055	FULL CHARGES 105 BROAD STREET S THOMPSON FALLS MT 59873-1750
530060-00 MILLAR, JAMES M & JUDITH	RES-MTR-1X RESIDENTIAL PO BOX 1596	08-06060	FULL CHARGES 109 COLUMBIA STREET S TROUT CREEK MT 59874-1596
530070-00 PERRY, MICHAEL A	RES MTR 1X RESIDENTIAL PO BOX 2416	08-06070	FULL CHARGES 110 COLUMBIA STREET S THOMPSON FALLS MT 59873-2416
530075-00 SCOVILLE, ROSE ANN	RES-MTR-1X RESIDENTIAL PO BOX 312	08-06075	FULL CHARGES 114 COLUMBIA STREET S THOMPSON FALLS MT 59873-0312
530080-00 SHEAR, MICHAEL	RES-MTR-1X RESIDENTIAL PO BOX 953	08-06080	FULL CHARGES 712 MAIDEN LANE THOMPSON FALLS MT 59873-0953
530100-00 SHEAR, MICHAEL	RES-MTR-1X RESIDENTIAL PO BOX 953	08-06100	FULL CHARGES 404 MAIDEN LANE THOMPSON FALLS MT 59873-0953
530110-00 LEUPPENS FAMILY LLC	COMMTR-1X RESIDENTIAL PO BOX 1030	08-06110	FULL CHARGES 115 BROAD STREET S THOMPSON FALLS MT 59873-1030
530120-00 JOHNSON, JEANETTE	RES-MTR-1X RESIDENTIAL SILVER GULCH LANE	08-06120	FULL CHARGES 109 BROAD STREET S THOMPSON FALLS MT 59873
530150-00 SCHILLING, DAVID & CATHY	SPC-SCHILLING RESIDENTIAL PO BOX 124	08-06150	FULL CHARGES 1005 CHURCH STREET THOMPSON FALLS MT 59873-0124
530170-00 SHEPHERD OF THE VALLEY LUTHERAN CHURCH	RES-MTR-1X RESIDENTIAL PO BOX 2508	08-06170	FULL CHARGES 1102 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873-2508
530630-00 COLEMAN, AVERY & ROXANNE	RES MTR 1X RESIDENTIAL PO BOX 1798	08-06302	FULL CHARGES 602 ASPEN COURT THOMPSON FALLS MT 59873-1798
530634-00 WAGNER, GREGG	RES-MTR-1X RESIDENTIAL PO BOX 1852	08-06304	FULL CHARGES 408 ASPEN COURT THOMPSON FALLS MT 59873-1852
530635-00 RINGERT, KENNETH A & ANNETTE Y	RES-MTR-1X RESIDENTIAL PO BOX 272	08-06305	FULL CHARGES 505 ASPEN COURT THOMPSON FALLS MT 59873-0272
530736-00 MARCH, KAY OR MIKE TRUSTEE OF THE KAY MARCH FAMILY TRUST	RES MTR 1X RESIDENTIAL PO BOX 1612	08-06708	FULL CHARGES 708 SOUTHWOOD COURT THOMPSON FALLS MT 59873-1512
530711-00 MARCHBANK, WAYNE & JO ANN	RES-MTR-1X RESIDENTIAL PO BOX 365	08-06711	FULL CHARGES 713 SOUTHWOOD COURT THOMPSON FALLS MT 59873-0000

Account Customer Name Additional Name	Rate Code User Type Customer Billing Address	Route - Meter	Billing Code Service Address Customer City, State and Zip
600712-00 FISHER, KRISTEN V & BRANDON E	RES-MTR-1X RESIDENTIAL PO BOX 1944	08-00712	FULL CHARGES 712 SOUTHWOOD COURT THOMPSON FALLS MT 59873-1944
600715-00 GRAPH[illegible] SA	RES MTR 1X RESIDENTIAL PO BOX 1101	08-00715	FULL CHARGES 715 SOUTHWOOD COURT THOMPSON FALLS MT 59873 1101
600716-00 MORGAN, SHAWN & JODI	RES-MTR-1X RESIDENTIAL PO BOX 2252	08-00716	FULL CHARGES 716 SOUTHWOOD COURT THOMPSON FALLS MT 59873 2252
600720-00 MURPHY, JAMES & EUGENIA	RES-MTR-1X RESIDENTIAL PO BOX 1104	07-00720	FULL CHARGES 720 SOUTHWOOD COURT THOMPSON FALLS MT 59873-1104
600721-00 FAIRBANK, RACHEL ANN	RES-MTR-1X RESIDENTIAL PO BOX 1601	08-00721	FULL CHARGES 721 SOUTHWOOD COURT THOMPSON FALLS MT 59873-1601
600723-00 RASMUSSEN, JORDAN	RES-MTR-1X RESIDENTIAL PO BOX 1124	08-00723	FULL CHARGES 723 SOUTHWOOD COURT THOMPSON FALLS MT 59873-1124
601107-00 JEHOVAHS WITNESSES	RES-MTR-1X RESIDENTIAL PO BOX 1273	08-01107	FULL CHARGES 1107 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873-1273
601[illegible]-00 THOMPSON FALLS SENIOR CITIZENS CENTER	EDU 1 RESIDENTIAL PO BOX 444	08-01119	FULL CHARGES 1119 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873-0444
601199-00 WHITE, DAVID	RES-MTR-1X RESIDENTIAL PO BOX 1965	08-01199	FULL CHARGES 1199 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873-1965
601206-00 LEISCHNER, BLAINE L & CHRISTINE	RES-MTR-1X RESIDENTIAL PO BOX 1217	08-01209	FULL CHARGES 1209 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873-1217
601219-00 HOFF, RAYMOND	RES MTR-1X RESIDENTIAL PO BOX 152	08-01219	FULL CHARGES 1219 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873-0152
601220-00 DONALDSON, JOSEPH S & CONWAY ANN	RES-MTR-1X RESIDENTIAL PO BOX 1956	07-01220	FULL CHARGES 720 SOUTHWOOD COURT THOMPSON FALLS MT 59873-1956
601229-00 FRANCK, NICHOLAS	RES-MTR-1X RESIDENTIAL PO BOX 1231	08-01229	FULL CHARGES 1229 MOUNT SILCOX DRIVE THOMPSON FALLS MT 59873-1231
601600-00 HANDFORD, DANIELLE & BETTY JO	RES-MTR-1X RESIDENTIAL PO BOX 582	07-01600	FULL CHARGES 1600 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0582
601601-00 PINE TREE HOLLOW HOMEOWNERS ASSN	EDU 1 RESIDENTIAL PO BOX 1522	08-01601	FULL CHARGES 1601 PINE TREE HOLLOW - GREENS THOMPSON FALLS MT 59873-1522
601602-00 BROWN, NANCY A	RES-MTR-1X RESIDENTIAL PO BOX 1922	08-01602	FULL CHARGES 1602 PINE TREE HOLLOW THOMPSON FALLS MT 59873-1922
601604-00 CRESSON, YVONNE	RES-MTR-1X RESIDENTIAL PO BOX 283	08-1604	FULL CHARGES 1604 PINE TREE HOLLOW THOMPSON FALLS MT 59873 0283
601605-00 CHENEY, VIRGINIA RUTH	RES-MTR-1X RESIDENTIAL PO BOX 545	08-01605	FULL CHARGES 1605 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0545
601606-00 LINZMAIER, PETER	RES MTR 1X RESIDENTIAL PO BOX 2225	08-01609	FULL CHARGES 1609 PINE TREE HOLLOW THOMPSON FALLS MT 59873-2225
601610-00 ANDERSON, NEAL & SANDRA	RES-MTR-1X RESIDENTIAL PO BOX 1714	07-01610	FULL CHARGES 1610 PINE TREE HOLLOW THOMPSON FALLS MT 59873 1714
601612-00 MARICH, ANDREW	RES-MTR-1X RESIDENTIAL PO BOX 784	08-01612	FULL CHARGES 1612 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0784
601614-00 ARNOLD, RODNEY E & SORALINE V	RES MTR-1X RESIDENTIAL PO BOX 72	08-01614	FULL CHARGES 1614 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0072
601616-00 GRIFFITHS, HUGH & SUSAN	RES-MTR-1X RESIDENTIAL PO BOX 863	08-01616	FULL CHARGES 1616 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0863
601618-00 CARMAN, NEIL & DIXIE	RES-MTR-1X RESIDENTIAL PO BOX 636	08-01618	FULL CHARGES 1618 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0636
601620-00 DAVIS, PAMELA	RES MTR 1X RESIDENTIAL PO BOX 2125	07-01900	FULL CHARGES 1900 PINE TREE HOLLOW THOMPSON FALLS MT 59873-2125
601902-00 THURMAN, WILLIS C & PENNY L	RES-MTR-1X RESIDENTIAL 276 SOUTH VALLEY VIEW DR J102	08-01902	FULL CHARGES 1902 PINE TREE HOLLOW STEPHENSVILLE MT 59870

Account Customer Name Additional Name	Rate Code User Type Customer Billing Address	Route Meter	Billing Code Service Address Customer City, State and Zip
601901-00 GLACE, SHIRLEY	RES-MTR-1X RESIDENTIAL PO BOX 1898	09-01904	FULL CHARGES 1904 PINE TREE HOLLOW THOMPSON FALLS MT 59873-1898
601905-00 FOLK, DAVID & INA	RES-MTR-1X RESIDENTIAL PO BOX 571	09-01908	FULL CHARGES 1908 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0571
601908-00 HIGGINS, ROSEMARIE	RES-MTR-1X RESIDENTIAL PO BOX 614	09-01909	FULL CHARGES 1909 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0614
601910-00 PARKER, BERNARD & KAY	RES-MTR-1X RESIDENTIAL PO BOX 534	07-01910	FULL CHARGES 1910 PINE TREE HOLLOW THOMPSON FALLS MT 59873-0534
700012-00 ABEMER, CLINT & TRAC	RES-MTR-1X RESIDENTIAL 704 SPRING CREEK PARKWAY	08-00012	FULL CHARGES 2414 CAPSTONE COURT SPRING CREEK NV 89815
700040-00 SCHUBERT, RUSSELL	RES-MTR-1X RESIDENTIAL PO BOX 1941	08-00040.1	FULL CHARGES 2412 CAPSTONE COURT THOMPSON FALLS MT 59873-1941
700041-00 ARNDT, ROBERT & KARLA	RES-MTR-1X RESIDENTIAL PO BOX 2152	08-00041	FULL CHARGES 2410 CAPSTONE COURT THOMPSON FALLS MT 59873-2152
700050-00 INKS JR, HOWARD R	RES-MTR-1X RESIDENTIAL PO BOX 1309	08-00050.1	FULL CHARGES 2503 MOSSY ROCK COURT THOMPSON FALLS MT 59873-1309
700062-00 FRANCHMON, HANS	RES-MTR-1X RESIDENTIAL PO BOX 2031	08-00063	FULL CHARGES 2830 CORNERSTONE ROAD THOMPSON FALLS MT 59873-2031
700064-00 HARWOOD, RAINA	RES-MTR-1X RESIDENTIAL PO BOX 1700	08-00064	FULL CHARGES 2811 CORNERSTONE ROAD THOMPSON FALLS MT 59873-1700
700060-00 FIELDS, SHERMAN & NANCY	RES-MTR-1X RESIDENTIAL PO BOX 2043	07-00060	FULL CHARGES 2715 CORNERSTONE ROAD THOMPSON FALLS MT 59873-2043
700067-00 TAYLOR, GAYLE	RES-MTR-1X RESIDENTIAL PO BOX 152	08-00061	FULL CHARGES 2719 CORNERSTONE ROAD THOMPSON FALLS MT 59873-0152
700053-00 KNUTSON, ROD & ROSHELLE	RES-MTR-1X RESIDENTIAL PO BOX 294	08-00053	FULL CHARGES 2727 CORNERSTONE ROAD THOMPSON FALLS MT 59873-0294
700068-00 RIVERSIDE CLINIC LAWRENCE, JOHN	EDU-3 COMMERCIAL PO BOX 1450	07-00080	FULL CHARGES 1915 HWY. 200 THOMPSON FALLS MT 59873-1450

Total Records 71

SERVICES: WATER SEWER
METER SIZES: All
SUBDIVISIONS: All

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User Type		Usaie	Cha es	Number
SEWER				
COMMERCI		344600	5568.75	46
RESIDEN TIAL		243900	4273.27	82
	Subtot for Smice SEWER	588500	9842,02	128
WATER				
COMMERCI		401500	4193.80	51
R-		5100	44,65	
RESIDEN TIAL		2516060	30323.90	656
	Subtotal for Service WATER	2922660	34562,35	708
	Grand	**3511160**	**44404,3 7**	**836**

SERVICES: SEWER
METER SIZES: All
SUBDIVISIONS: All

se ice — Usage in Actual Units — **Page1**

UserTypi;		Usage	Charges	Number
SEWER				
COMMERCIA		344600	5568.75	46
RESIDENTIA L		243900	4273.27	82
	Subtotal for **SeNice SEWER**	588500	**9842.02**	128
	Grand Total :	**588500**	**9842.02**	**128**

SERVICES: SEWER
SECTIONS: All

Se ice — Usage in AciualUnits — **Page**1

Rate Code	Monthly Usilje	Cha es	Number	
SEWER				
COM-ACT	42600	866.80	18	
COM-ACT+IX	92200	897.01		0
COM-ACT+2X	5700	240.00		0
COM-ACT+3X	5700	190.00		
COM-AVG	12200	360.00		
COM-AVG+2X	4800	80.00		
COM/RESI	7600	250.00		
COMIRES2	15800	156.98		
COMVRES2	3800	125.00		
COM2X-RES	4500	85.00		
COM3/RESI	2600	85.00		
EDU-1.0	110200	668.87		
EDU-1.5-AVG	16800	758.54		
EDU-2.0	6900	341.39		
RES-ACT	6400	288.20		
RES-ACT+IX		80.00		
RES-	66300	1162.23		
RES-ACT+3X	8600	320.00		

RES-AVG	167400	2725.36	61			
RES-AVG+3X	8400	161,64	1			
Subtotal forService SEWER	**588500**	**9842.02**	128			
Grand	**588500**	**9842 02**	**128**	0	0	

Service Type **Comment**
Rate Code Description **•·Rate Code Adjustment Factors •·**

Line#	Usage Over	Base	Rate Over Usage	Line#	Usage Oyer	Base	Rate Over Usage
WATER							
COM•MTR-1X							
		40.00					
2	2.000	40.00	1.5000000	2			
WATER							
COM•MTR-2X							
		43.85					
2	8.000	43.85	1.5000000	2			
WATER							
COM-MTR-3X							
		48.85					
2	8.000	48.85	1.5000000	2			
WATER							
COM•MTR-4X							
		53.85					
2	8.000	53.85	1.5000000	2			
WATER							
COM-MTR-SX							
		58.86					
2	8.000	58.85	1.5000000	2			
WATER							
COM-MTR-13X							
		98.85					
2	8.000	98.85	1.5000000	2			
WATER							
COM•MTR-28X							
		173.85					
2	8.000	173.85	1.5000000	2			
WATER							
COM2/RES1							
		48.85					
2	8.000	48.85	4.0000000	2			
WATER							
EDU-1							
		71.60		1•			
2	2.000	71.60	1.5000000	2			
WATER							
EDU-1.5							
		160.00					

Line#	Usage Over	Base	Rate Over Usage	Line#	-- Rate Code Adjustment Factors•· Usage Over	Rate Over Usage
2	2.000	160.00	1.5000000	2		

WATER
EDU-2

285.60
2 2.000 285.60 1.5000000 2

WATER
EDU-3

640.00
2 2.000 640.00 1.5000000 2

WATER
EDU-4

1142.80
2 2.000 1142.80 1.5000000 2

WATER
NONE

WATER
RES•MTR-1X

40.00
2 2.000 40.00 1.5000000 2

WATER
RES-MTR·2X

43.85
2 8.000 43.85 1.5000000 2

WATER
RES-MTR•3X

48.85
2 8.000 48.85 1.5000000 2

WATER
RES·MTR•4X

53.85
2 8.000 53.85 1.5000000 2

WATER
RES.MTR• 5X

58.85
2 8.000 58.85 1.5000000 2

WATER
RES•MTR•6X

63.85
2 8.000 63.85 1.5000000 2

WATER
RES-MTR·28X

Rate Code Description					• · Rate Code Adjustment Factors•·			
Line#	Usage Over	Base	Rate Over Usage	Line#	Usage Over	Base	Rate Over Usage
2	8.000	173.85	1.5000000	2			

173.85

WATER
SPC-PERM DISCONNECT

WATER
SPC-SCHILLING

WATER
SPC·TREE ORCHARD
WATER
SPC-VACATION RATE C
SEWER

2.00
1000.00
30.00

COM-ACT+SX

125.00

2	12.000	125.00	4.1000000	2

SEWER
COM-ACT+1X

65.00

2	4.000	65.00	4.1000000	2

SEWER
COM-ACT+2X

80.00

2	6.000	80.00	4.1000000	2

SEWER
COM-ACT+3X

95.00

2	10.000	95.00	4.1000000	2

SEWER
COM·ACT+4X

110.00

2	10.000	110.00	4.1000000	2

SEWER
COM-AVG

45.00

SEWER
COM-AVG+1X

65.00

2	4.000	65.00	4.1000000	2

Rate Code Description				-- Rate Code Adjustment Factors ..		
Line#	Usage Over	Base	Rate Over Usage	Line#	Usage Over	Base	Rate Over Usage

SEWER
COM-AVG+2X

80.00

2	6.000	80.00	4.1000000	2

SEWER
COM-AVG+3X

95.00

2	8.000	95.00	4.1000000	2

SEWER
COM-AVG+4X

110.00

2	10.000	110.00	4.1000000	2

SEWER
COM-AVG+5X

125.00

2	12.000	125,00	4.1000000	2

SEWER
COM-RES-ACT

85.00

2 4.000 85.00 4.1000000 2

SEWER
COM/RES1

125.00

2 6.000 125.00 4.1000000 2

SEWER
COM/RES2

125.00

2 8.000 125.00 4.1000000 2

SEWER
COM2/RES2

125.00

2 12.000 125.00 4.1000000 2

SEWER
COM2X-RES

85.00

2 6.000 85.00 4.1000000 2

SEWER
COM3/RES1

85.00

2 12.000 85.00 4,1000000 2

Rate Code Description **Rate Code Adjustment Factors --**

Line# **Usage Over** Base Rate Over Usage Line# Usage Over Base Rate Over Usage

SEWER
EDU-1-AVG

80.55
2 2.000 80.55 4.1000000 2

SEWER
EDU-1.0

80.55
2 2.000 80.55 4.1000000 2

SEWER
EDU-1.5

180.00
2 2.000 180.00 4.1000000 2

SEWER
EDU-1.5-AVG

180.00
2 2.000 180.00 4.1000000 2

SEWER
EDU-2.0

321.30
2 2.000 321.30 4.1000000 2

SEWER
EDU-2.0-AVG

321.30
2 2.000 321.30 4.1000000 2

SEWER
NONE

SEWER
RES-ACT

40.00
. 2 2.000 40.00 4.1000000 2

SEWER
RES-ACT+1X

80.00
2 4.000 80.00 4.1000000 2

SEWER
RES-ACT+27X

1120.00
2 56.000 1120.00 4.1000000 2

SEWER
RES·ACT+2X

120.00

Rate Code Description / Line#	Usage Over / Base	Rate over Usage	Line#	Usage Over	•• Rate Code Adjustment Factors•· !!lli	Rate Over Usage
2	6.000	120.00		4.1000000	2	

SEWER
RES-ACT+3X

160.00
2 8.000 160.00 4.1000000 2

SEWER
RES-ACT+4X

200.00
2 10.000 200.00 4.1000000 2

SEWER
RES-AVG

40.00
2 2.000 40.00 4.1000000 2

SEWER
RES-AVG+1

80.00
2 4,000 80.00 4.1000000 2

SEWER
RES-AVG+2X

120.00
2 6.000 120.00 4.1000000 2

SEWER
RES-AVG+3X

160.00
2 8.000 160.00 4.1000000 2

SEWER
RES-AVG+4X

200.00
2 10.000 200.00 4.1000000 2

SEWER
SPC-BANK: OCT-APR

SEWER
SPC-BANKRUPT SEWER

SEWER
SPC-FALLS MOTEL

MISCELLANEOUS
COM-ACT

45.00 .
2 4.000 45.00 4.0000000 2

Service Type
Rate Code Description

Comment
-··Rate Code Adjustment Factors•·

Line#	Usage Over	Base	Rate Over Usage	Line#	Usage Over	Base	Rate Over Usage

MISCELLANEOUS
DEQ ANNUAL FEE

2.00

BLACK MOUNTAIN SOFTWARE UTILITY BILLING SYSTEM — CITY OF THOMPSON FALLS

METER SIZES SUMMARY — Data for Meter Sizes as of 0511212020 Metered Accounts Only Primary Accounts Only — 13:43:20 • 05/12/2020

Meter Size	Count
0.750"	686
1'"	5
1.5"	12
Z'	3
3.0"	3
Total Count:	709

BLACK MOUNTAIN SOFTWARE UTILITY BILLING SYSTEM — CITY OF THOMPSON FALLS

USAGE/BILLING SUMMARY — For 5-2020 For Account From 000000,02 to 70008 00 — 13:42:21 •05112120

SERVICES: WATER SEWER
SECTIO All

Page1

Service	Usage in ActualUnits			
Rate Code	Monthly Usage	Cha es	Number	
SEWER				
COM-ACT		42600	866.80	18
COM-ACT+IX		92100	897.01	
COM-		5700	240.00	
COM-		5700	190.00	
COM-AVG		12100	360.00	
COM-		4800	80.00	
COM/RES1		7600	150.00	
COM/RES1		15800	156.98	
COM2/RES2		3800	125.00	
COM1X-RES		4500	85.00	
COM RESI		2600	85.00	
EDU-10		110200	668.87	
EDU-IMVG		16800	758.54	4
EDU-2.0		6900	341.39	
RES-ACT		6400	288.20	7
RES-ACT+IX		0	80.00	
RES-		66300	1162.13	
RES-ACT+3X		8600	310.00	2
RES-AVG		167400	2725.36	61
RES-AVG+3X		6400	161.64	
Subtotal for Service SEWER		**588500**	**9842.02**	128
ATER				
COM-MTR-IX		205000	2138.70	48
EDU-I		114400	517,60	5
EDU-1.5		104200	1575.90	
EDU-2		170000	1102,80	
EDU		48200	1986.30	3
RES-MTR-IX		2280260	26549.05	616
SPC-SCHILLING			2.00	
SPC-VACATION RATE C		600	690.00	23
Subtotal forService WATER		**2922660**	**34562.35**	708
Grand Total:		**3511160**	**44404.37**	**836** 0 0

W

BLACK MOUNTAIN SOFTWARE UTILITY BILLING SYSTEM **CITY OF THOMPSON FALLS**

RATE CODE For 5-2020 Ordered by Account From 000000-02 to 700080-00 **13:14:11 -05/11/2020**

RATE CODES: ALL

BILLING CODES: USER TYPES: 1 FULL CHARGES 2 PRORATED OR FULL INITIAL CHARGES 3 PRORATED OR FULL FINAL CHARGES ALL WATER

Account Customer Name | Rate Code | Route - Meter | Service Address | Billing Code | Usertype | Additional Name | Customer Billing Address | Customer City, State and Zip

000420-00 RES-MTR-1X 07--00420 FULL CHARGES BLAKNEY, JASON & HAYLEY RESIDENTIAL 705
SOUTHWOOD COURT
PO BOX451
THOMPSON FALLS MT 59873-0451

000422-00 RES-MTR-1X 07-00422 FULL CHARGES PETTY, THURMAN & MARTHA REilDENTIAL
406 GREENWOOD STREET
PO BOX 1 64
THOMPSON FALLS MT 59873-1064

000423-00 RES-MTR-1X 08-00423 FULL CHARGES SCHILLING, DUSTIN RESIDENTIAL 820
CHURCH ST
PO BOX 1748
THOMPSON FALLS MT 59873-1748

000424-00 RES-MTR-1X 08-00424 FULL CHARGES WILLIAMS, H. THOMAS RESIDENTIAL
711 GRIZZLY DR
PO BOX 1289
THOMPSON FALLS MT 59873-1289

000425-00 RES-MTR-1X 08-00425 FULL CHARGES BRYAN E. LACY AND JANET L. LACY LIVING TRUST RESIDENTIAL 604
ASPEN COURT
PO BOX476
THOMPSON FALLS MT 59873-0476

000428-00 RES-MTR-1X 07-00428 FULL CHARGES TRAVER, DEBBIE & TERRY RESIDENTIAL
701 SOUTHWOOD COURT
POBOX612
THOMPSON FALLS MT 59873-0612

000429--00 RES-MTR-1X 07-00429 FULL CHARGES PERKINS, BROCK
RESIDENTIAL 304 WOODLAND ST
PO BOX392
THOMPSON FALLS MT 59873-0392

000430--00 RES-MTR-1X 07-00430 FULL CHARGES LEUFKENS FAMILY LLC
RESIDENTIAL 1102 MOUNT SILCOX DR
PO BOX 1030
THOMPSON FALLS MT 59873-1030

000431-00 RES-MTR-1X 07-00431 FULL CHARGES LEUFKENS FAMILY LLC RESIDENTIAL
1104 MOUNT SILCOX DR
PO BOX1030
THOMPSON FALLS MT 59873-1030

000432-00 RES-MTR-1X 07-00432 FULL CHARGES MOORE, ELIZABETH RESIDENTIAL
996 MOUNT SILCOX DRIVE
1227 BLUE SLIDE ROAD
THOMPSON FALLS MT 59873

000433-00 RES-MTR-1X 07-00433 FULL CHARGES MOORE, ELIZABETH RESIDENTIAL 998
MOUNT SILCOX DRIVE
1227 BLUE SLIDE ROAD
THOMPSON FALLS MT 59873

000434-00 RES-MTR-1X 08-00434 FULL CHARGES PIRKER, RON & GWEN RESIDENTIAL
552 GRIZZLY DR
PO BOX 1258
THOMPSON FALLS MT 59873-1258

100005-00 RES-MTR-1X 08-00005 FULL CHARGES THOMPSON FALLS ASSEMBLY OF GOD RESIDENTIAL
1124 PRESTON AVENUE W
PO BOX 1029
THOMPSON FALLS MT 59873-1029

100010-00 RES-MTR-1X 08-00010 FULL CHARGES ASSEMBLY OF GOD CHURCH
RESIDENTIAL 1120 PRESTON AVENUE W
PO BOX 1029
THOMPSON FALLS MT 59873-1029

100015-00 RES-MTR-1X 08-00015 FULL CHARGES ASSEMBLY OF GOD CHURCH RESIDENTIAL
1122 PRESTON AVENUE W
PO BOX 1029
THOMPSON FALLS MT 59873-1029

100020-00 RES-MTR-1X 08-00020 FULL CHARGES SKINNER, MARK & SANDRA RESIDENTIAL
1106 PRESTON AVENUE W-HOUSE
1106 PRESTON AVE W
THOMPSON FALLS MT 59873

Account Customer Name | Rate Code | Route • Meter | Seivice Address | Billing Code | User Ty e | Additional Name | Customer Bi ling Address | Customer City, State and Zip

100070-00 RES-MTR-1X 08-000700 FULL CHARGES TOMAS, SAMUEL J & MARCELLA R
RESIDENTIAL 210 WOOD STREET
196ACI LOOP KALISPELL MT 59901
100080-00 SPC-VACATION RATE C 08-00080 FULL CHARGES TOMAS, SAMUEL & MARCELLA
RESIDENTIAL 1014 OGDEN AVENUE W
196ACI LOOP KALISPELL MT 59901
100090-00 RES-MTR-1X 08-00090 FULL CHARGES NAGY, JOHN & EVELYN RESIDENTIAL
217 WOOD STREET
PO BOX961 THOMPSON FALLS MT 59873-0961
100100-00 RES-MTR-1X 08-00100 FULL CHARGES WEST, GINA
RESIDENTIAL 220 WOOD STREET
PO BOX 1986 THOMPSON FALLS MT 59873-1986
100110-00 RES-MTR-1X 08-00110 FULL CHARGES COLE, BRIAN & NEYLA RESIDfNTIAL
1210 HALEY AVENUE W
PO BOX 134 THOMPSON FALLS MT 59873-1342
1,1;0120.00 RES-MTR-1X 08-00120 FULL CHARGES ARGELIN, ELIZABETH RESIDENTIAL
1214 HALEY AVENUE W
PO BOX231 THOMPSON FALLS MT 59873-0231
100160-00 RES-MTR-1X 08-00160 303 WOOD STREET FULL CHARGES
ANDERSON, IRENE RESIDENTIAL
PO BOX282 THOMPSON FALLS MT 59873-0282
100170-00 RES-MTR-1X 08--00170 FULL CHARGES SUND, FORREST D & LINDA M RESIDENTIAL
304 WOOD STREET
PO BOX 1086 THOMPSON FALLS MT 59873-1086
100180-00 RES-MTR-1X 08-00180 FULL CHARGES ANDERSON,EARL&IRENE RESIDENTIAL
311 WOOD STREET
PO BOX282 THOMPSON FALLS MT 59873-0282
100185-00 RES-MTR-1X 08--00185 FULL CHARGES YURCZYK, FRANK RESIDENTIAL
314 WOOD STREET
PO BOX932 THOMPSON FALLS MT 59873-0932
100190-00 RES-MTR-1X 08-00190 FULL CHARGES TOMAS, SAM & MARCIE RESIDENTIAL
1012 PRESTON AVENUE W
196ACI LOOP KALISPELL MT 59901
100200--00 RES-MTR-1X 08-00200 FULL CHARGES HAYNES, PAUL C. RESIDENTIAL
102 PARK STREET
PO BOX 1475 THOMPSON FALLS MT 59873-1475
100210-00 RES-MTR-1X 08-00210 FULL CHARGES WOLLASTON, TILLIE RESIDENTIAL
105 PARK STREET
PO BOX 1075 THOMPSON FALLS MT 59873-1075
100220-00 RES-MTR-1X 08-00220 FULL CHARGES BROWNE, RICHARD & LINDA RESIDENTIAL
THOMPSON, EDWARD R. & TERRY PO BOX 171 THOMPSON FALLS MT 59873--0171
100250-00 SPC-VACATION RATE C 08-00250 FULL CHARGES JOHNSON, DAVIDS
RESIDENTIAL 206 PARK STREET
710 PRESTON AVE W THOMPSON FALLS MT 59873
100260-00 RES-MTR-1X 08-00260 FULL CHARGES FITCHETT, TRAVIS R. RESIDENTIAL
210 PARK STREET
PO BOX 71 THOMPSON FALLS MT 59873-0071
100270-00 RES-MTR-1X 08-00270 FULL CHARGES KOSTKA, LUCAS RC & AUTUMN RESIDENTIAL
209 PARK STREET
PO BOX2087 THOMPSON FALLS MT 59873-2087
100280--00 RES-MTR-1X 08-00280 FULL CHARGES FRANKE, KAY RESIDENTIAL
911 HALEYAVEW
PO BOX 1003 THOMPSON FALLS MT 59873-1003
100290-00 RES-MTR-1X 08--00290 FULL CHARGES FRANKE, KAY RESIDENTIAL
222 PARK STREET
PO BOX 1003 THOMPSON FALLS MT 59873-1003
100300-00 RES-MTR-1X 08-00300 FULL CHARGES BRAY, BRITT RESIDENTIAL
305 PARK STREET
PO BOX244 THOMPSON FALLS MT 59873-0244
100310-00 RES-MTR-1X 08-00310 FULL CHARGES LEGAULT, ROBERT & TONI RESIDENTIAL
304 PARK STREET

100320-00 RES-MTR-1X 08-00320 FULL CHARGES BORGMANN, ROSEMARY RESIDENTIAL
321 PARK STREET
PO BOX691
THOMPSON FALLS MT 59873-0691

100330-00 RES-MTR-1X 08-00330 FULL CHARGES MOLZHON, PAUL RESIDENTIAL
906 HALEY AVENUE W
PO BOX 1034
THOMPSON FALLS MT 59873-1034

100340-00 COM-MTR-1X 08-00340 FULL CHARGES EGBERT PROPERTIES LLC RESIDENTIAL
904 PRESTON AVENUE W
EGBERT, WAYNE & MARY PO BOX868
PLAINS MT 59859-0868

100351-00 RES-MTR-1X 08-00351
DEWITT, CATHERINE RESIDENTIAL
PO BOX2143
THOMPSON FALLS MT 59873-2143

100360-00 RES-MTR-1X 08-00360 FULL CHARGES DAY, MELINDA RESIDENTIAL
107GALLATIN STREETN
POBOX484
THOMPSON FALLS MT 59873-0484

100370-00 RES-MTR-1X 08-00370
CONLEY, STEVEN & ASHLEY RESIDENTIAL
PO BOX 1461
THOMPSON FALLS MT 59873-1461

100380-00 RES-MTR-1X 08-00380 FULL CHARGES KRICK, BRIAN & LARA RESIDENTIAL
113 GALLATIN STREET N
29 HARMONY LN
TROUT CREEK MT 59874

100390-00 RES-MTR-1X 08-00390 FULL CHARGES BROWN, JASON D. RESIDENTIAL
205 GALLATIN STREET N
PO BOX 1812
THOMPSON FALLS MT 59873-1812

100400-00 RES-MTR-1X 08-00400 FULL CHARGES SHEAR, JARED & JENNIFER RESIDENTIAL
204 GALLATIN STREET N
PO BOX2222
THOMPSON FALLS MT 59873-2222

100410-00 RES-MTR-1X 08-00410 211 GALLATIN STREEt LLCHARGES
PO BOX 1122
THOMPSON FALLS MT 59873-1122

100420-00 RES-MTR-1X 08-00420 FULL CHARGES HERDEN, DAVID & VICKIE RESIDENTIAL
212 GALLATIN STREET N
POBOX2412
THOMPSON FALLS MT 59873-2412

100430-00 RES-MTR-1X 08-00430 FULL CHARGES SHERMIKUS, RANDY RESIDENTIAL
219 GALLATIN STREET N
219 N GALLATIN ST
THOMPSON FALLS MT 59873

100440-00 RES-MTR-1X 08-00440 FULL CHARGES PAVLIK, LINDE RESIDENTIAL 222
GALLATIN STREET N
PO BOX512
THOMPSON FALLS MT 59873-0512

100450-00 RES-MTR-1X 08-00450 FULL CHARGES CULLEN, SANDRA RESIDENTIAL 306
GALLATIN STREET N
PO BOX853
THOMPSON FALLS MT 59873-0853

100460-00 RES-MTR-1X 08-00460 FULL CHARGES MCKAHAN, LINDA RESIDENTIAL
311 GALLATIN STREETN
PO BOX 1771
THOMPSON FALLS MT 59873-1771

100470-00 RES-MTR-1X 08-00470 FULL CHARGES TRAIN, ANTHONY & CHRISTINA RESIDENTIAL
312 GALLATIN STREET N
4521 MT HWY 200
THOMPSON FALLS MT 59873

100480-00 RES-MTR-1X 08-00480 FULL CHARGES GREENWOOD HOLDINGS LLC RESIDENTIAL
317 GALLATIN STREET N
PO BOX 1405
TROUT CREEK MT 59874-1405

100490-00 RES-MTR-1X 08-00490 FULL CHARGES GROSHONG, BERNIE RESIDENTIAL
322 GALLATIN STREET N
PO BOX1764
THOMPSON FALLS MT 59873-1764

100510-00 RES-MTR-1X 08-00510 FULL CHARGES PISCITELLO, BRUCE RESIDENTIAL 321
GALLATIN STREET N
PO BOX2168
THOMPSON FALLS MT 59873-2168

100520-00 RES-MTR-1X 08-00520 FULL CHARGES LAY, LINDA RESIDENTIAL
403 GALLATIN STREET N
PO BOX 1477
THOMPSON FALLS MT 59873-1477

100530-00 RES-MTR-1X 08-00530 FULL CHARGES WILSON, CYNTHIA C. RESIDENTIAL
402 GALLATIN STREET N
PO BOX 1311
THOMPSON FALLS MT 59873-1311

100540-00 · RES-MTR-1X 08-00540 FULL CHARGES JOHNSON, DAVID & PATRICIA RESIDENTIAL 710

Customer Name
Additional Name
User Time
Customer B1ling Address
Service Address
Customer City, State and Zip

HILL, CAROL RESIDENTIAL
VERLANIC, LYNN R RESIDENTIAL
114 GALLATIN STREEt LL CHARGES
102 GALLATIN STRffrnLL CHARGES
PO BOX 1942
THOMl\lsoN FALLS MT 59873-1942

Customer Name
Additional Name
UserJi1' e
Customer ling Address
Service Address
Customer City, State and Zip

100590-00 RES-MTR-1X 08-00590 F LL CHARGES HART, LYNETTE J RESIDENTIAL
110 MADISON STREET

39 WEBER GULCH ROAD THOMPSON FALLS MT 59873

100600-00 RES-MTR-1X 08-00600 FULL CHARGES SWANSON, DANIEL G &ANITA L
RESIDENTIAL 115 MADISON STREET N

247 -14TH STREET SANTA MONICA CA 90402

100610-00 RES-MTR-1X 08-00610 FULL CHARGES COMPTON, JAMES R. RESIDENTIAL
114 MADISON STREET N

PO BOX 1196 THOMPSON FALLS MT 59873-1196

100620-00 RES-MTR-1X 08-00620 FULL CHARGES SINK, WESLEY & THERESA RESIDENTIAL
715 ODGEN AVENUE W

4 COUNTRY CLUB LN THOMPSON FALLS MT 59873

100630-00 RES-MTR-1X 08-00630 FULL CHARGES HAUN, JONATHAN RESIDENTIAL
204 MADISON STREET N

100660-00 RES-MTR-1X 08-00660 213 FULL CHARGES
MOORE, JO ANN PO RESIDfNTIAL BOX 150 MADISONT iJ iNFALLS MT 59873-1502

100670-00 RES-MTR-1X 08-00670 FULL CHARGES
RESIDENTIAL 212 MADISON STREET N
WAKEFIELD, TODD E PO BOX2296 THOMPSON FALLS MT 59873-2296

100680-00 RES-MTR-1X 08-00680 FULL CHARGES
RESIDENTIAL 215 MADISON STREET N
MAYFIELD, MICHELLE PO BOX2048 THOMPSON FALLS MT 59873-2048

'1.° if . JONATHAN O'NEIL RES-MTR-1X RESIDENTIAL 08-00690 217 FULL CHARGES STREET N MADISON
PO BOX 1756 THOMPSON FALLS MT 59873-1756

100700-00 RES-MTR-1X 08-00700 FULL CHARGES COX, JIM RESIDENTIAL
216 MADISON STREET N

5041 WIND HILL COURT W FORT WORTH TX 76179

100710-00 RES-MTR-1X 08-00710 FULL CHARGES
EBEL, MICHAEL & LOIS POBOX2088 THOMPSON FALLS MT 59873-2088

100720-00 RES-MTR-1X 08-00720 FULL CHARGES WHEELER, KELLY RESIDENTIAL
221 MADISON STREET N

77 NORTH SHORE DR THOMPSON FALLS MT 59873

100730-00 RES-MTR-1X 08-00730 FULL CHARGES
VANELSWYKJR, ROBERT L & BRANDY L PO BOX 1452 THOMPSON FALLS MT 59873-1452

100740-00 RES-MTR-1X 08-00740 FULL CHARGES COX, KYLE RAY RESIDENTIAL
306 MADISON STREET N

PO BOX 1427 TROUT CREEK MT 59874-1427

100750-00 RES-MTR-1X 08-00750 FULL CHARGES BRUGGEMAN, RICK RESIDENTIAL
806 HALEY AVENUE W

PO BOX421 THOMPSON FALLS MT 59873-0421

100765-00 RES-MTR-1X 08-00765 FULL CHARGES CZERWINSKI, BEVERLY RESIDENTIAL
315 MADISON STREET N

PO BOX 1555 THOMPSON FALLS MT 59873-1555

100770-00 RES-MTR-1X 08-00770 FULL CHARGES ROHWER, MARGIE RESIDENTIAL
314 MADISON STREET N

PO BOX342 THOMPSON FALLS MT 59873-0342

100790-00 RES-MTR-1X RESIDENTIAL 08-00790 327 MADISON STREET N
FRITZ, ROBERT PO BOX322 THOMPSON FALLS MT 59873-0322

100800-00 RES-MTR-1X MAZUR, RESIDENTIAL PO BOX52 08-00800 324 FULL CHARGES
TOM MADISONT bRJ JiNFALLS MT 59873-0052

100810-00 RES-MTR-1X 08-00810 FULL CHARGES
403 MADISON STREET N
THOMPSON FALLS MT 59873-1441

08-00820 FULL CHARGES
710 W 3RD AVENUE
THOMPSON FALLS MT 59873-0338

08-00830 FULL CHARGES MADISON STREET N
408 THOMPSON FALLS MT 59873-2161

08-00840 FULL CHARGES
THOMPSON FALLS MT 59873-2015

MCEWEN, ARTHUR RESIDENTIAL
PO BOX 1441

100820-00 RES-M
%ELLEN BROWN
NYMAN, NANCY SUE TR-1X
RESIDENTIAL
POBOX338

100830-00 RES-MTR -1X
ABBOTT, GARY RESIDENTIAL

100840-00 RES-MTR PO BOX2161 -1X
LYGHT, TRENT RESIDENTIAL
PO BOX2015 411 MADISON STREET N

100850-00 RES-MTR-1X RESIDENTIAL 08-00850 410 FULL CHARGES
PARSONS.ROBERT PO BOX 1252 MADISONT bi JiNFALLS MT 59873-1252

Additional Name Customer ı ling Address Customer City, State and Zip

c\i§ K\ti'IJl1TY RES-MTR-1X 08-00870 FULL CHARGES
CHURCH RESIDENTIAL 704 PRESTO i%W FALLS MT 59873-0426
PO BOX426

100880-00 RES-MTR-1X 08-00880 FULL CHARGES HOPKINS, PERRY RESIDENTIAL
616 PRESTON AVENUE W

100890-00 RES-MTR-1X RESIDENTIAL 08-00890 113 FULL CHARGES
CORDERO, SUSAN PO BOX 2503 JEFFERS d'J §6 ALLS MT 59873-2503

100900-00 RES-MTR-1X 08-00900 FULL CHARGES LUTHERAN CHURCH RESIDENTIAL
611 OGDEN AVENUE W

PO BOX734 THOMPSON FALLS MT 59873-0734
100910-00 RES-MTR-1X 08-00910 FULL CHARGES TRAIN PROPERTIES LLC RESIDENTIAL
203 JEFFERSON STREET N

4521 HIGHWAY 200 THOMPSON FALLS MT 59873
100920-00 RES-MTR-1X 08-00920 FULL CHARGES HEAPE, CURTIS & MOLLIE RESIDENTIAL
213 JEFFERSON STREET N

PO BOX2527 THOMPSON FALLS MT 59873-2527
100930-00 RES-MTR-1X 08-00930 FULL CHARGES APPLEBY, JOSEPH P RESIDENTIAL
210 JEFFERSON STREET N

POBOX663 THOMPSON FALLS MT 59873-0663
100940-00 RES-MTR-1X 08-00940 FULL CHARGES HUTZ, EUGENE F & SUSAN M RESIDENTIAL
218 JEFFERSON STREET N

PO BOX 1765 BIG FORK MT 59911-1765
100950-00 RES-MTR-1X 08-00950 FULL CHARGES GROSSBERG, PHILL RESIDENTIAL
221 JEFFERSON STREET N

1615 STUART ST HELENA MT 59601
100960-00 RES-MTR-1X 08-00960 FULL CHARGES MCCLOY, PAT & COLLEEN RESIDENTIAL
222 JEFFERSON STREET N

312 W PAIRIE ST CAMERON MO 64429
100970-00 RES-MTR-1X 08-00970 FULL CHARGES CROWDER, ROBERT RESIDENTIAL
611 HALEY AVENUE W

PO BOX 1374 THOMPSON FALLS MT 59873-1374
100980-00 RES-MTR-1X 08-00980 FULL CHARGES FRIESZ, EMMANUEL RESIDENTIAL
305 JEFFERSON STREET N

PO BOX814 THOMPSON FALLS MT 59873-0814
100990-00 RES-MTR-1X 08-00990 FULL CHARGES HAMILTON, JOHN RESIDENTIAL
612 HALEY AVENUE W

PO BOX871 THOMPSON FALLS MT 59873-0871
101000-00 RES-MTR-1X 08-01000 FULL CHARGES KENEADY, IDA RESIDENTIAL
310 JEFFERSON STREET N

POBOX2154 THOMPSON FALLS MT 59873-2154
101010-00 RES-MTR-1X 08-01010 FULL CHARGES DRASZT, GARY & JOAN RESIDENTIAL
314 JEFFERSON STREET N

101060-00 RES-MTR-1X RESIDENTIAL 08-01060 6123RDAVEWE ST FULL CHARGES
FRANKLIN, ADAM & LINDSEY 1386 SW GATOR BOULEVARD BENTONVILLE AR 72713

101070-00 RES-MTR-1X 08-01070 FULL CHARGES LYGHT, DENNIS RESIDENTIAL
409 JEFFERSON STREET N

PO BOX 501 THOMPSON FALLS MT 59873-0501
101080-00 SPC-VACATION RATE C 08-01080 FULL CHARGES KELLER, WILLIAM RESIDENTIAL
414 JEFFERSON STREET N

PO BOX1116 THOMPSON FALLS MT 59873-1116
101090-00 RES-MTR-1X 08-01090 FULL CHARGES DWYER, KAREN RESIDENTIAL
415 JEFFERSON STREETN

PO BOX553 · THOMPSON FALLS MT 59873-0553
101100-00 RES-MTR-1X 08-01100 FULL CHARGES BISHOP, MICHAEL & TERESA RESIDENTIAL
420 JEFFERSON STREET N

PO BOX 1790 THOMPSON FALLS MT 59873-1790
201105-00 RES-MTR-1X 08-01105 FULL CHARGES RAMSEY, ROBERT & EVA RESIDENTIAL

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201120-00 RES-MTR-1X 08-01120 FULL CHARGES PARKER, NOLAN & LINDA RESIDENTIAL
516 PRESTON VENUE W PO BOX32 T OMPSON FALLS MT 59873-0032

201130-00 RES-MTR-1X 08-01130 FULL CHARGES BROWN, DAVID & KAREN RESIDENTIAL
110 WASHINGTON STREET PO BOX 1787 THOMPSON FALLS MT 59873-1787

201140-00 RES-MTR-1X 08-01140 FULL CHARGES NOLAN, JEANEAN RESIDENTIAL
116 WASHINGTON STREET PO BOX 1747 THOMPSON FALLS MT 59873-1747

201150-00 RES-MTR-1X 08-01150 FULL CHARGES MORRIN, DIANE RESIDENTIAL
203 WASHINGTON STREET PO BOX 1609 THOMPSON FALLS MT 59873-1609

201155-00 RES-MTR-1X 08-01155 FULL CHARGES LUTHERAN CHURCH PARSONAGE
C/0 CAROL MOREHOUSE PO BOX734

PARKER, NOLAN F. & LINDA L. POBOX32 THOMPSON FALLS MT 59873-0032

201170-00 RES-MTR-1X 08-01170 FULL CHARGES
RESIDENTIAL 209 WASHINGTON STREET
RETTENMEIER, ROGER PO BOX2176 THOMPSON FALLS MT 59873-2176

201180-00 RES-MTR-1X 08-01180 FULL CHARGES WARME REVOCABLE TRUST, CHRISTOPHER J
RESIDENTIAL 208 WASHINGTON STREET 26000 REDBLUFF DR CALABASAS CA 91302
C/0 MARSHA BOUEY

201190-00 RES-MTR-1X 08-01190 FULL CHARGES TRAIN PROPERTIES LLC RESIDENTIAL
213 WASHINGTON STREET 4521 HIGHWAY 200 THOMPSON FALLS MT 59873

201200-00 RES-MTR-1X 08-01200 FULL CHARGES FORTIER, LUKE RESIDENTIAL
212 WASHINGTON STREET PO BOX 1773 ALBANY OR 97321-1773

201210-00 RES-MTR-1X 08-01210 FULL CHARGES
DIPPRE, KIMBERLY R RESIDENTIAL 216 WASHINGJ tMi1si hLLS MT 59873-1855

201220-00 RES-MTR-1X 08-01220 FULL CHARGES WATTS, JULIE RESIDENTIAL
215 WASHINGTON STREET PO BOX264 PLAINS MT 59859-0264

PO BOX RES-MTR-1X 08-01230 FULL CHARGES RESIDENTIAL
CREEKMORE, ALBERT & ORINDA PO BOX 1955 THOMPSON FALLS MT 59873-1955

201240-00 RES-MTR-1X FULL CHARGES
CREEKMORE, ALBERT & ORINDA RESIDENTIAL 08-01240
PO BOX 1955 511 HALEY AVENUE W
THOMPSON FALLS MT 59873-1955

201250-00 RES-MTR-1X 08-01250 FULL CHARGES
RESIDENTIAL 303 WASHINGTON STREET
SCHUMACHER,KENNETH POBOX861 THOMPSON FALLS MT 59873-0861

201260-00 RES-MTR-1X FULL CHARGES
BENBOE, CHALRES & CHERYL RESIDENTIAL 08-01260
PO BOX 1854 304 WASHINGTO\kSTREET
THO PSON FALLS MT 59873-1854

201290-00 SPC-VACATION RATE C 08-01290 FULL CHARGES TAYLOR, STEVEN RESIDENTIAL
309 WASHINGTON STREET PO BOX878 THOMPSON FALLS MT 59873-0878

201300-00 RES-MTR-1X 08-01300 FULL CHARGES
FRANCK, SHAWN PO BOX1 92 THOMPSON FALLS MT 59873-1092

201310-00 RES-MTR-1X FULL CHARGES
LEUFKENS FAMILY LLC RESIDENTIAL PO BOX 1030 08-01310
201320-00 RES-MTR-1X RESIDENTIAL 319 WASHINGTON STREET
MOSHER, ROY L PO BOX208 THOMPSON FALLS MT 59873-1030
08-01320 FULL CHARGES
322 WASHINGTON STREET
THOMPSON FALLS MT 59873-0208

201330-00 RES-MTR-1X 08-01330 FULL CHARGES
RESIDENTIAL 5123RDAVEWEST
WIEGELE, JAMES L & DAGMAR R PO BOX382 THOMPSON FALLS MT 59873-0382

201340-00 RES-MTR-1X 08-01340 FULL CHARGES
RESIDENTIAL 6063RDAVEW
HECHTMAN, CAROLL SUE PO BOX 1393 THOMPSON FALLS MT 59873-1393

201350-00 RES-MTR-1X 08-01350 FULL CHARGES BARTELMEY, DALE & PATRICIA RESIDENTIAL
407 WASHINGTON STREET PO BOX 1726 THOMPSON FALLS MT 59873-1726

201360-00 RES-MTR-1X 08-01360 FULL CHARGES BLOOM, DAN & WILLY RESIDENTIAL
410 WASHINGTON STREET PO BOX 1115 THOMPSON FALLS MT 59873-1115

RES-MTR-1X 08-01370 FULL CHARGES RESIDENTIAL

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201380-00 RES-MTR-1X 08-01380 FULL CHARGES RESIDENTIAL 419 WASHINGTON STREET
POBOX2 THOMPSON FALLS MT 59873-0002

201400-00 RES-MTR-1X 08-01400 FULL CHARGES MOSHER, JOHN RESIDENTIAL
425 WASHINGTON STREET
POBOX2 THOMPSON FALLS MT 59873-0002

201410-00 RES-MTR-1X 08-01410 FULL CHARGES BRUNER, SMITH RESIDENTIAL
422 WASHINGTON STREET
PO BOX 1331 THOMPSON FALLS MT 59873-1331

201420-00 RES-MTR-1X 08-01420 tULL CHARGES FAIRBANK, STEVE & JILL RESIDENTIAL
502 PRESTON AVENU W
1561 BLUE SLIDE ROAD THOMPSON FALLS MT 59873

201430-00 RES-MTR-1X 08-01430 FULL CHARGES CARTER JEAN ADELE & RICHARDSON STANLEY
RESIDENTIAL 508 PRESTON AVENUE W
PO BOX 1533 THOMPSON FALLS MT 59873-1533

201440-00 RES-MTR-1X 08-01440 FULL CHARGES ST WILLIAMS CATHOLIC CHURCH
RESIDENTIAL 416 PRESTON STREET
PO BOX 186 THOMPSON FALLS MT 59873-0186

201450-00 RES-MTR-1X 08-01450 FULL CHARGES FAIRBANK, STEVE & JILL
RESIDENTIAL 107 SPRUCE STREET
1561 BLUE SLIDE ROAD THOMPSON FALLS MT 59873

201460-00 RES-MTR-1X 08-01460 FULL CHARGES EVELETH.KARL RESIDENTIAL
112 SPRUCE STREET
PO BOX 1481 THOMPSON FALLS MT 59873-1481

201470-00 RES-MTR-1X 08-01470 FULL CHARGES RIBEIRO, RAOUL RESIDENTIAL
115 SPRUCE STREET
115 SPRUCE ST THOMPSON FALLS MT 59873

201480-00 RES-MTR-1X 08-01480 FULL CHARGES POMRENKE, DONALD & MICHAEL RESIDENTIAL
116 SPRUCE STREET
116 SPRUCE ST THOMPSON FALLS MT 59873

201490-00 RES-MTR-1X 08-01490 FULL CHARGES RIBEIRO, RAOUL A & CHARLENE A RESIDENTIAL

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201520-00 RES-MTR-1X RESIDENTIAL 08-01520 FULL CHARGES
207 SPRUCE STREET
MOLZHON, BRIAN & MARIA 207 SPRUCE ST THOMPSON FALLS MT 59873

201530-00 RES-MTR-1X RESIDENTIAL 08-01530 FULL CHARGES
216 SPRUCE STREET
PARDEE, HENRY TY & KIM PO BOX 1994 THOMPSON FALLS MT 59873-1994

201540-00 RES-MTR-1X RESIDENTIAL 08-01540 FULL CHARGES
211 SPRUCE STREET
NEWMAN, DENNIS & MARIE 226 SPRUCE ST THOMPSON FALLS MT 59873

201543-00 RES-MTR-1X RESIDENTIAL 08-01543 FULL CHARGES
219 SPRUCE STREET
HUTZ, EUGENE F & SUSAN M PO BOX 1765 BIG FORK MT 59911-1765

201545-00 RES-MTR-1X RESIDENTIAL 08-01545 FULL CHARGES
225 SPRUCE STREET
HUTZ, EUGENE F & SUSAN M PO BOX 1765 BIG FORK MT 59911-1765

201550-00 RES-MTR-1X RESIDENTIAL 08-01550 FULL CHARGES
220 SPRUCE STREET
FARRINGTON, RAYMOND POBOX431 THOMPSON FALLS MT 59873-0431

201555-00 RES-MTR-1X RESIDENTIAL 08-01555 FULL CHARGES
226 SPRUCE STREET
NEWMAN, DENNIS & MARIE 226 SPRUCE ST THOMPSON FALLS MT 59873

201560-00 RES-MTR-1X RESIDENTIAL 08-01560 FULL CHARGES
303 SPRUCE STREET
LAKE, DONALD & CAROL 303 SPRUCE THOMPSON FALLS MT 59873

201570-00 RES-MTR-1X 07-01570 FULL CHARGES WARME REVOCABLE TRUST, CHRISTOPHER J
RESIDENTIAL 311 SPRUCE STREET APT. A
C/O MARSHA BOUEY 26000 REDBLUFF DR CALABASAS CA 91302

201574-00 RES-MTR-1X 08-01574 FULL CHARGES WARME REVOCABLE TRUST, CHRISTOPHER J RESIDENTIAL
311 SPRUCE STREET APT. B
C/O MARSHA BOUEY 26000 REDBLUFF DR CALABASAS CA 91302

201590-00 RES-MTR-1X RESIDENTIAL 08-01590 FULL CHARGES
323 SPRUCE STREET
HENSLEY, GARY L 323 SPRUCE ST THOMPSON FALLS MT 59873

201600-00 EDU-2 08-01600 FULL CHARGES
SCHOOL DISTRICT#2 RESIDENTIAL 315 COLUMBIMJ §6NNFAtf]i97i9?tiM3
206 HALEY AVE

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201605-00 SPC-VACATION RATE C 08-01605 FULL CHARGES SCHOOL DISTRICT #2 RESIDENTIAL 306
HALEY AVE W - BASKET BALL COURT
206 HALEY AVE W THOMPSON FALLS MT 59873

201610-00 RES-MTR-1X 08-01610 FULL CHARGES CLARK, ISAAC RESIDENTIAL
403 SPRUCE STREET
PO BOX 174 THOMPSON FALLS MT 59873-0174

201620-00 RES-MTR-1X 08-01620 FULL CHARGES FARLAN, GLENDA RESIDENTIAL
4123RDAVEWEST
PO BOX381 THOMPSON FALLS MT 59873-0381

201640-00 RES-MTR-1X RESIDENTIAL 08-0,1640 FULL CHARGES
410 SPRUCE STREET
OLSON, MARTHA PO BOX582 THOMPSON FALLS MT 59873-0582

201650-00 RES-MTR-1X RESIDENTIAL 08-01650 FULL CHARGES
411 SPRUCE STREET
ARRANTS, STAN & EVA PO BOX 1297 TROUT CREEK MT 59874-1297

201655-00 RES-MTR-1X 08-01655 FULL CHARGES ROBBINS, EVERETT RESIDENTIAL
415 SPRUCE STREET

201657-00 RES-MTR-1X RESIDENTIAL 08-01657 FULL CHARGES
417 SPRUCE STREET
ROBBINS, EVERETT PO BOX 1192 THOMPSON FALLS MT 59873-1192

201659-00 RES-MTR-1X RESIDENTIAL 08-01659 419 FULL CHARGES
ROBBINS, EVERETT PO BOX 1192 SPRUCE ¥ Kif SON FALLS MT 59873-1192

201660-00 RES-MTR-1X RESIDENTIAL 08-01660 FULL CHARGES
420 SPRUCE STREET
MINEMYER, J. PO BOX985 THOMPSON FALLS MT 59873-0985

201665-00 RES-MTR-1X RESIDENTIAL 08-01665 FULL CHARGES
428 SPRUCE STREET
BURTNETT, JAMES 428 SPRUCE THOMPSON FALLS MT 59873

201670-00 RES-MTR-1X RESIDENTIAL 08-01670 FULL CHARGES
427 SPRUCE STREET
BRAY, DON 427 SPRUCE THOMPSON FALLS MT 59873

201680-00 RES-MTR-1X RESIDENTIAL 08-01680 502 4TH AVENUE W FULL CHARGES
VAUGHN, VIRGINIA PO BOX 112 THOMPSON FALLS MT 59873-0112

201690-00 RES-MTR-1X RESIDENTIAL 08-01690 4124THAVEWE ST FULL CHARGES
MILLER DONNA 412 W 4TH AVE THOMPSON FALLS MT 59873

201710-00 RES-MTR-1X 08-01710 FULL CHARGES GURDEN, JIMMIE RESIDENTIAL
322PRESTON AVENUE W
PO BOX2364 THOMPSON FALLS MT 59873-2364

201720-00 RES-MTR-1X 08-01720 FULL CHARGES LEUFKENS FAMILY LLC RESIDENTIAL
109 COLUMBIA STREET N
PO BOX 1030 THOMPSON FALLS MT 59873-1030

201730-00 RES-MTR-1X 08-01730 FULL CHARGES ARRANTS, STAN & EVA RESIDENTIAL
110 COLUMBIA STREETN
PO BOX 1297 TROUT CREEK MT 59874-1297

201740-00 RES-MTR-1X 08-01740 FULL CHARGES BUCHANAN, SHERLEY & DEBORAH
RESIDENTIAL 116 COLUMBIA STREET N
PO BOX 1570 THOMPSON FALLS MT 59873-1570

201750-00 RES-MTR-1X 08-01750 FULL CHARGES BUCHANAN, SHERLEY & DEBORAH
RESIDENTIAL 3170GDEN AVENUE W
PO BOX1570 THOMPSON FALLS MT 59873-1570

201760-00 RES-MTR-1X 08-01760 FULL CHARGES LANZ, CAROL RESIDENTIAL
115 COLUMBIA STREET N
PO BOX953 THOMPSON FALLS MT 59873-0953

201780-00 RES-MTR-1X 08-01780 FULL CHARGES DOHERTY, JAMES & SHANNON RESIDENTIAL
214 COLUMBIA STREET N
997 BLUESLIDE RD THOMPSON FALLS MT 59873-0997

201790-00 RES-MTR-1X 08-01790 FULL CHARGES THOMAS, STEVE RESIDENTIAL
207 COLUMBIA STREET N
PO BOX943 THOMPSON FALLS MT 59873-0943

201800-00 RES-MTR-1X 08-01800 FULL CHARGES HUFF, ERNEST J & CHERYL A RESIDENTIAL
213 COLUMBIA STREET N

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201830-00 406 3RD AVE WEST	RES-MTR-1X	08-01830	FULL CHARGES	HALPOP, JOHN	RESIDENTIAL
PO BOX 1361	THOMPSON FALLS MT 59873-1361				
201840-00 404 COLUMBIA STREET N	RES-MTR-1X	08-01840	FULL CHARGES	JONES,NATAUSHA	RESIDENTIAL
TORTI, MARKUS	POBOX403	THOMPSON FALLS MT 59873-0403			
201850-00 406 COLUMBIA STREET N	RES-MTR-1X	08-01850	FULL CHARGES	COBB, GARY	RESIDENTIAL
PO BOX2303	THOMPSON FALLS MT 59873-2303				
201860-00 RESIDENTIAL	RES-MTR-1X 410 COLUMBIA STREET N	08-01860	FULL CHARGES	GIEGLING, JOSEPH	
PO BOX 1734	THOMPSON FALLS MT 59873-1734				
201870-00 418 COLUMBIA STREET N	RES-MTR-1X	08-01870	FULL CHARGES	QUIMBY, LEINA GRACE	RESIDENTIAL
PO BOX 1302	THOMPSON FALLS MT 59873-1302				
201880-00 428 COLUMBIA STREET N	RES-MTR-1X	08-01880	FULL CHARGES	AUSTIN, ROD	RESIDENTIAL
PO BOX 1013	THOMPSON FALLS MT 59873-1013				
201890-00 427 COLUMBIA STREET N	RES-MTR-1X	08-01890	FULL CHARGES	KOKER, DENNIS & LISA	RESIDENTIAL
PO BOX2507	THOMPSON FALLS MT 59873-2507				
201900-00 503 COLUMBIA STREET N	RES-MTR-1X	08-01900	FULL CHARGES	ROBINSON, NINA	RESIDENTIAL
511 N COLUMBIA	THOMPSON FALLS MT 59873				
201901-00 511 COLUMBIA STREET N	RES-MTR-1X	08-01901	FULL CHARGES	ROBINSON, NINA	RESIDENTIAL
511 N COLUMBIA	THOMPSON FALLS MT 59873				
201905-00 514 COLUMBIA STREET N	RES-MTR-1X	08-01905	FULL CHARGES	CHENOWETH, DARRELL & SHAWNA RAE	RESIDENTIAL
514 N COLUMBIA ST	THOMPSON FALLS MT 59873				
201910-00 506 COLUMBIA STREET N	RES-MTR-1X	08-01910	FULL CHARGES	GRIMM, DORIS	RESIDENTIAL
POBOX113	THOMPSON FALLS MT 59873-0113				
20192 00 RESIDENTIAL	SPC-VACATION RATE C 510 COLUMBIA STREET N	02-019200	FULL CHARGES	CHEN WETH, DARRELL & SHAWNA RAE	
514 N COLUMBIA ST	THOMPSON FALLS MT 59873				
201925-00 518 COLUMBIA STREET N	EDU-1.5	08-01925	FULL CHARGES	USDA UTILITY	RESIDENTIAL
C/O METTEL	POBOX7100	NEW YORK NY 10008			
201930-00 601 COLUMBIA STREETN	SPC-VACATION RATE C	08-01930	FULL CHARGES	USDA UTILITY	RESIDENTIAL
C/O METTEL	PO BOX7100	NEW YORK NY 10008			
201950-00 308 PRESTON AVENUE W	RES-MTR-1X	08-01950	FULL CHARGES	LYGHT, DAVID & DOROTHY	RESIDENTIAL
PO BOX296	THOMPSON FALLS MT 59873-0296				
201960-00 312 PRESTON AVENUE W	RES-MTR-1X	08-01960	FULL CHARGES	WELLS, DICK	RESIDENTIAL
PO BOX741	THOMPSON FALLS MT 59873-0741				
201970-00 210 PRESTON AVENUE W-DUPLEX	COM-MTR-1X	08-01970	FULL CHARGES	TRAIN PROPERTIES LLC	RESIDENTIAL
4521 HIGHWAY 200	THOMPSON FALLS MT 59873				
201980-00 300 PRESTON AVENUE W	RES-MTR-1X	08-01980	FULL CHARGES	PARKER, NOLAN	RESIDENTIAL
PO BOX 32	THOMPSON FALLS MT 59873-0032				
201990-00 108 CEDAR STREET	RES-MTR-1X	08-01990	FULL CHARGES	TRAIN PROPERTIES LLC	RESIDENTIAL
4521 HIGHWAY 200	THOMPSON FALLS MT 59873				
202000-00 115 CEDAR STREET	RES-MTR-1X	08-02000	FULL CHARGES	BUCHANAN, SHERLEY & DEBORAH	RESIDENTIAL
PO BOX 1570	THOMPSON FALLS MT 59873-1570				

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DONALDSON, BRUCE M & LAURA C N	RESIDENTIAL		415 COLUMBIA STREE		
202050-00	RES-MTR-1X	RESIDENTIAL	08-02050	216 CEDAR STREET	FULL CHARGES
PREVISP ARTHUR %TOM REVIS	25655 SW MTN ROAD			WEST LINN OR 97068	

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202060-00 RES-MTR-1X 08-02060 FULL CHARGES BOESPFLUG MICHAEL& HOLO MARYLYNN RESIDENTIAL 219 CEDAR STREET
1027 ABBIE LANE EUGENE OR 97401
202070-00 RES-MTR-1X 08-02070 FULL CHARGES WHITTENBURG, KEVIN& SUE RESIDENTIAL 211 HALEY AVENUE W
PO BOX 1992 THOMPSON FALLS MT 59873-1992
202080-00 EDU-3 08-02080 FULL CHARGES SCHOOL DISTRICT #2 -JR HIGH SCHOOL RESIDENTIAL 212 HALEY AVE W
206 HALEY AVE W THOMPSON FALLS MT 59873
202090-00 RES-MTR-1X 08-02090 FULL CHARGES ROGERS, BARBARA RESIDENTIAL
2123RDAVEWEST
21 BUFFALO BILL ROAD PLAINS MT 59859
202100-00 RES-MTR-1X 08-02100 FULL CHARGES BROWN, RAYMOND C RESIDENTIAL
405 CEDAR STREET
188 THOMPSON RIVER RD. THOMPSON FALLS MT 59873
202105-00 RES-MTR-1X 08-02105.0 FULL CHARGES WINE, LEROY & KAYLEEN RESIDENTIAL 411 CEDAR STREET
2106 MAIN STE THOMPSON FALLS MT 59873
202110-00 RES-MTR-1X 08-02110 FULL CHARGES ANDERSON, JAMES E. RESIDENTIAL 415CEDARSTREET
PO BOX 1711 THOMPSON FALLS MT 59873-1711
202120-00 RES-MTR-1X 08-02120 FULL CHARGES CREEKMORE, ALBERT& ORINDA RESIDENTIAL 419 CEDAR STREET
PO BOX 1955 THOMPSON FALLS MT 59873-1955
202130-00 RES-MTR-1X 08-02130 FULL CHARGES PARKER, NOLAN RESIDENTIAL 414 CEDAR STREET
PO BOX32 THOMPSON FALLS MT 59873-0032
202150-00 RES-MTR-1X 08-02150 FULL CHARGES FLEMMER, PAUL & RHONDA RESIDENTIAL 428 CEDAR STREET
PO BOX 1738 THOMPSON FALLS MT 59873-1738
202160-00 RES-MTR-1X 08-02160 FULL CHARGES SHULTZ, DANIEL G& DELLA M RESIDENTIAL 427 CEDAR STREET
POBOX2201 THOMPSON FALLS MT 59873-2201
202170-00 RES-MTR-1X 08-02170 FULL CHARGES SCHAEFER ENTERPRISES RESIDENTIAL 506 CEDAR STREET
4926 HIGHWAY 200 THOMPSON FALLS MT 59873
202180-00 RES-MTR-1X 08-02180 FULL CHARGES PULFER, CHAD RESIDENTIAL 503 CEDAR STREET
410AUGUSTADR MISSOULA MT 59801-1324
202220-00 RES-MTR-1X 08-02220 FULL CHARGES BORDEN, JAMES M. RESIDENTIAL 515 CEDAR STREET
PO BOX784 THOMPSON FALLS MT 59873-0784
202230-00 RES-MTR-1X 08-02230 FULL CHARGES ANDERSEN, DAN RESIDENTIAL 522 CEDAR STREET
PO BOX87 THOMPSON FALLS MT 59873-0087
202240-00 . RES-MTR-1X 08-02240 FULL CHARGES FOWLE MICHAEL RESIDENTIAL 202 PRESTON AVENUE W
% SANDERS COUNTY HOUSING LLC 1710 N 4TH ST#106 COLIER D'ALENE ID 83814
202250-00 RES-MTR-1X 08-02250 FULL CHARGES PARKER NOLAN& LINDA RESIDENTIAL 120 PRESTON AVENUE W
PO BOX32 THOMPSON FALLS MT 59873-0032
202260-00 RES-MTR-1X 08-02260 FULL CHARGES MILLER, DOUGLAS & CINDIE RESIDENTIAL
112 PRESTON AVENUE W
PO BOX2303 THOMPSON FALLS MT 59873-2303
202270-00 RES-MTR-1X 08-02270 FI!JL CHARGES SHUTTLE, STEVE RESIDENTIAL
108 PRESTON AVENUE
PO BOX364 THOMPSON FALLS MT 59873-0364
202280-00 RES-MTR-1X 08-02280 FULL CHARGES WOLLASTON, JEFF ESIDENTIAL
116 FERRY STREET N
PO BO 1592 THOMPSON FALLS MT 59873-1592
202290-00 RES-MTR-1X 08-02290 FULL CHARGES DOWELL, JAY & TERRI RESIDENTIAL 115 FERRY STREETN
PO BOX942 THOMPSON FALLS MT 59873-0942
202300-00 RES-MTR-1X 08-02300 FULL CHARGES MAUDRONE, KATHERINE F. RESIDENTIAL 205 FERRY STREET N
PO BOX 1776 THOMPSON FALLS MT 59873-1776

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202350-00 RES-MTR-1X 08-02350 FULL CHARGES TF HILL PROPERTY LLC
RESIDENTIAL 216 FERRY STREET N
C/O ABBY INGRAM 2 GEBHARDT LANE THOMPSON FALLS MT 59873
202360-00 RES-MTR-1X 08-02360 FULL CHARGES ROCHELEAU, LINDA
RESIDENTIAL 227 FERRY STREET N
PO BOX 1208 THOMPSON FALLS MT 59873-1208
202370-00 RES-MTR-1X 08-02370 FULL CHARGES FRANCK, COREY& ALYSHA
RESIDENTIAL 228 FERRY STREET N
PO BOX2542 THOMPSON FALLS MT 59873-2542
202380-00 RES-MTR-1X 08-02380 FULL CHARGES JONES, BRIDGET RESIDENTIAL
304 FERRY STREET N
304 FERRY STREET N THOMPSON FALLS MT 59873
202390-00 RES-MTR-1X 08-02390 FULL CHARGES ARRANTS, STANLEY & EVA RESIDENTIAL
312 FERRY STREET N
PO BOX 1297 TROUT CREEK MT 59874-1297
202410-00 RES-MTR-1X 08-02410 FULL CHARGES ALEXANDER, SETH & SANDRA
RESIDENTIAL 320 FERRY STREET N
320 FERRY STREET N THOMPSON FALLS MT 59873
202440-00 RES-MTR-1X 08-02440 FULL CHARGES CROWDER, JAMES R & SUSAN A
RESIDENTIAL 326 FERRY STREET N
326 FERRY ST THOMPSON FALLS MT 59873
202461-00 RES-MTR-1X 08-02461 FULL CHARGES OXFORD,ROBYN RESIDENTIAL
403 FERRY STREET N
403 FERRY ST THOMPSON FALLS MT 59873
202470-00 RES-MTR-1X 08-02470 FULL CHARGES OXFORD, ROBYN
RESIDENTIAL 407 FERRY STREET N
403 FERRY ST THOMPSON FALLS MT 59873
202475-00 RES-MTR-1X 08-02475 FULL CHARGES GILLILAND, JAMES RESIDENTIAL
408 FERRY STREET N
408 FERRY STRRET N THOMPSON FALLS MT 59873
202480-00 RES-MTR-1X 08-02480 FULL CHARGES OXFORD,ROBYN
RESIDENTIAL 409 FERRY STREET N
403 FERRY ST THOMPSON FALLS MT 59873
202490-00 RES-MTR-1X 08-02490 FULL CHARGES WEDEL, MARK RESIDENTIAL
414 FERRY STREETN
414 FERRY STREET THOMPSON FALLS MT 59873
1610 BLUESLIDE
MCGANN, KEVIN & TRACY RESIDENTIAL THOMPSON FALLS MT 59873-1261
PO BOX 1261
202530-00 RES-MTR-1X 08-02530 FULL CHARGES PARKER, NOLAN
RESIDENTIAL 426 FERRY STREET N
PO BOX 32 THOMPSON FALLS MT 59873-0032
202540-00 RES-MTR-1X 08-02540 FULL CHARGES GREENOUGH, LANA
RESIDENTIAL 1114THAVEW
PO BOX2014 THOMPSON FALLS MT 59873-2014
202550-00 RES-MTR-1X 08-02550 FULL CHARGES GREENWOOD, JACOB & RHIANNON
RESIDENTIAL 425 FERRY STREET N
PO BOX2221 THOMPSON FALLS MT 59873-2221
202580-00 RES-MTR-1X 08-02580 FULL CHARGES SOULE, VONA RESIDENTIAL
507 FERRY STREET N
POBOX202 THOMPSON FALLS MT 59873-0202
202590-00 RES-MTR- 1X 08-02590 FULL CHARGES WRIGHT, RONALD C. SR & RONI
RESIDENTIAL 518 FERRY Sf TuifsoN FALLS MT 59873-0966
202600-00 RES-MTR-1X 08-02600 FULL CHARGES GUNDERSON, DOUGLAS K & CONNIE
DEE RESIDENTIAL 1124THAVEWEST
PO BOX 1203 THOMPSON FALLS MT 59873-1203
302610-00 RES-MTR-1X 08-02610 FULL CHARGES PARKER, NOLAN
RESIDENTIAL 104 PRESTON AVENUE W
PO BOX 32 THOMPSON FALLS MT 59873-0032
302620-00 RES-MTR-1X 08-02620 FULL CHARGES CONTRERAS, EUGENE
RESIDENTIAL 106 GROVE STREET
PO BOX2285 THOMPSON FALLS MT 59873-2285
302630-00 RES-MTR-1X 08-02630 FULL CHARGES LOWRIE, MARY
107 GROVE STREET
PO BOX966

302660-00 RES-MTR-1X 08-02660 FULL CHARGES JOHNSON, HELEN M.C. RESIDENTIAL 118 GROVE STREET
PO BOX 1172 THOMPSON FALLS MT 59873-1172

302670-00 RES-MTR-1X 08-02670 FULL CHARGES TERRAZAS, MARC RESIDENTIAL 203 GROVE STREET
PO BOX503 THOMPSON FALLS MT 59873-0503

302680-00 RES-MTR-1X 08-02680 FULL CHARGES TORGRIMSON, DARRELL RESIDENTIAL 207 GROVE STREET
PO BOX401 THOMPSON FALLS MT 59873-0401

302690-00 RES-MTR-1X 08-02690 FULL CHARGES WHITE, JOHN RESIDENTIAL 206 GROVE STREET
PO BOX524 THOMPSON FALLS MT 59873-0524

302700-00 RES-MTR-1X 08-02700 FULL CHARGES WHITE, JOHN RESIDENTIAL 212 GROVE STREET
PO BOX524 THOMPSON FALLS MT 59873-0524

302710-00 RES-MTR-1X 08-02710 FULL CHARGES SHEETS, MARK L. RESIDENTIAL 215 GROVE STREET
PO BOX551 THOMPSON FALLS MT 59873-0551

302720-00 RES-MTR-1X 08-02720 FULL CHARGES WHITE,JOHN RESIDENTIAL 216 GROVE STREET
POBOX524 THOMPSON FALLS MT 59873-0524

302730-00 RES-MTR-1X 08-02730 FULL CHARGES GRANTHAM, BOYD RESIDENTIAL 219 GROVE STREET
PO BOX731 THOMPSON FALLS MT 59873-0731

302740-00 RES-MTR-1X 08-02740 FULL CHARGES NAGY, JOHN & EVELYN RESIDENTIAL 224 GROVE STREET
POBOX961 THOMPSON FALLS MT 59873-0961

302750-00 RES-MTR-1X 08-02750 FULL CHARGES MILLIGAN, LAWRENCE & BARBARA RESIDENTIAL 303 GROVE STREET
PO BOX 1985 THOMPSON FALLS MT 59873-1985

302760-00 RES-MTR-1X 08-02760 FULL CHARGES LOFTHUS, OBERT JR RESIDENTIAL 10/HALEY AVENUE E
PO BOX508 THOMPSON FALLS MT 59873-0508

302770-00 RES-MTR-1X 08-02770 FULL CHARGES BISHOP, TERESA RESIDENTIAL 309 GROVE STREET
PO BOX 1790 THOMPSON FALLS MT 59873-1790

302780-00 RES-MTR-1X 08-02780 FULL CHARGES BROWN, JASON D. & JENNA J.S, RESIDENTIAL 315 GROVE STREET
PO BOX 1812 THOMPSON FALLS MT 59873-1812

302800-00 RES-MTR-1X 08-02800 FULL CHARGES LOFTHUS, OBERT JR RESIDENTIAL 314 GROVE STREET
PO BOX 508 THOMPSON FALLS MT 59873-0508

302805-00 RES-MTR-1X 08-02805 FULL CHARGES SCOTT, MICHAEL RESIDENTIAL 322 GROVE STREET
PO BOX2171 THOMPSON FALLS MT 59873-2171

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302823-00 RES-MTR-1X RESIDENTIAL 08-02823 106 3RD AVENUEW FULL CHARGES
PATTERSON, MELVIN
PO BOX 1042 THOMPSON FALLS MT 59873-1042

302830-00 RES-MTR-1X 08-02830 FULL CHARGES MARSDEN, TERRE RESIDENTIAL 410 GROVE STREET
PO BOX 1142 THOMPSON FALLS MT 59873-1142

302840-00 RES-MTR-1X 08-02840 FULL CHARGES MAGOFFIN, RICHARD RESIDENTIAL 417 GROVE STREET
PO BOX 1381 THOMPSON FALLS MT 59873-1381

302850-00 RES-MTR-1X 08-02850 FULL CHARGES O'NEILL, WILLIAM & MARILYN RESIDENTIAL 418 GROVE STREET
PO BOX 1744 THOMPSON FALLS MT 59873-1744

302870-00 RES-MTR-1X 08-02870 FULL CHARGES WILLIAMS, H. THOMAS RESIDENTIAL 108 4TH AVE EAST
PO BOX 1289 THOMPSON FALLS MT 59873-1289

302880-00 RES-MTR-1X 08-02880 FULL CHARGES HAMMETT, CHARLES RESIDENTIAL 427 GROVE STREET
PO BOX 1891 THOMPSON FALLS MT 59873-1891

302890-00 RES-MTR-1X 08-02890 FULL CHARGES DEATON, WILLIAM RESIDENTIAL 504

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302915-00 RES-MTR-1X 08-02915 FULL CHARGES HALL, DAVID & TRISTA
RESIDENTIAL 510 GROVE STREET
PO BOX2107 THOMPSON FALLS MT 59873-2107
302930-00 SPC-VACATION RATE C 08-02930 FULL CHARGES CULLEN, SANDRA RESIDENTIAL
517 GROVE STREET
PO BOX853 THOMPSON FALLS MT 59873-0853
302940-00 RES-MTR-1X 08-02940 FULL CHARGES SHEAR, E, W, RESIDENTIAL 527
GROVE STREET
PO BOX162 THOMPSON FALLS MT 59873-0162
302950-00 RES-MTR-1X 08-02950 FULL CHARGES HAASE, DAVE
RESIDENTIAL 1115THAVENUEW.
PO BOX361 THOMPSON FALLS MT 59873-0361
302955-00 RES-MTR-1X 08-02955 FULL CHARGES HALL, MARY LYNN RESIDENTIAL 518
GROVE STREET
PO BOX 1745 THOMPSON FALLS MT 59873-1745
302960-00 RES-MTR-1X 08-02960 FULL CHARGES HALL, DAVID & TRISTA RESIDENTIAL
520 GROVE STREET
PO BOX2107 THOMPSON FALLS MT 59873-2107
302965-00 RES-MTR-1X 08-02965 FULL CHARGES FROST, BEULAH
RESIDENTIAL 530 GROVE STREET
PO BOX 1607 TROUT CREEK MT 59874
302970-00 RES-MTR-1X 08-02970 FULL CHARGES BYERS, JOHNNY
RESIDENTIAL 604 GROVE STREET
PO BOX963 THOMPSON FALLS MT 59873-0963
302980-00 RES-MTR-1X 08-02980 FULL CHARGES BRASS, LAURIE
RESIDENTIAL 601 GROVE STREET
PO BOX 1281 THOMPSON FALLS MT 59873-1281
302990-00 RES-MTR-1X 08-02990 FULL CHARGES TAYLOR, CLINTON
RESIDENTIAL 107 GREENWOOD STREET
PO BOX43 THOMPSON FALLS MT 59873-0043
303000-00 RES-MTR-1X 08-03000 FULL CHARGES MCCUAIG, JAMES M.& JOSIE
303020-00 RES-MTR-1X 08-03020 FULL CHARGES
MCCUAIG, JAMES M. & JOSIE RESIDENTIAL 116 GREENWOOD STREET· HOUSE
PO BOX 1598 TROUT CREEK MT 59874-1598
303030-00 RES-MTR-1X 08-03030 FULL CHARGES DEXTER, SHARON RESIDENTIAL
202 GREENWOOD STREET
PO BOX2196 THOMPSON FALLS MT 59873-2196
303035-00 RES-MTR-1X 08-03035 FULL CHARGES BRIGHT, CANDACE
RESIDENTIAL 214 GREENWOOD STREET
POBOX97 HERON MT 59844
30303t"00 RES-MTR-1X 08-03037 FULL CHARGES KNUT ON, RODNEY A& RISHELLE 0
RESIDENTIAL 216 GREENWOOD STREET SHOP
PO BOX294 THOMPSON FALLS MT 59873-0294
303040-00 RES-MTR-1X 08-03040 FULL CHARGES TAYLOR TERESA K.
RESIDENTIAL 201 GREENWOOD STREET
C/O TRISTAN TAYLOR
303041-00 RES-MTR-1X 08-03041 FULL CHARGES TAYLOR, STEVE
RESIDENTIAL 205 GREENWOOD STREET
PO BOX878 THOMPSON FALLS MT 59873-0878
303070-00 RES-MTR-1X 08-03070 FULL CHARGES THORPE, WANDA L.
RESIDENTIAL 208 HALEY AVENUE E
21 OMNIVIEW LANE THOMPSON FALLS MT 59873
303080-00 RES-MTR-1X 08-03080 FULL CHARGES CORK, TERRY & KIM
RESIDENTIAL 225 GREENWOOD STREET
1005 FOYS LAKE RD APT C KALISPELL MT 59901
303090-00 RES-MTR-1X 08-03090 FULL CHARGES LACY JERRY & NAGRONE CHARLOTTE
RESIDENTIAL 305 GREENWOOD STREET
PO BOX 1408 THOMPSON FALLS MT 59873-1408
303095-00 RES-MTR-1X 08-03095 FULL CHARGES MOSHER, JOHN
RESIDENTIAL 323 GREENWOOD STREET
POBOX2 THOMPSON FALLS MT 59873-0002
303100-00 RES-MTR-1X 08-03100 FULL CHARGES LOFTHUS, JOSHUA & GILLIAN
RESIDENTIAL 414 GREENWOOD STREET
PO BOX 1961 THOMPSON FALLS MT 59873-1961
RES-MTR-1X FULL CHARGES RESIDENTIAL

114 WOODLAND STREET CHARGES
504 GREENWOOD Sttt+

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303145-00 RES-MTR-1X 08-03145

GAMBREL, ROBERT D & CAROL A RESIDENTIAL

13910 N FRIELDSHIP LANE NINE MILE FALLS WA 99026

303150-00 RES-MTR-1X 08-03150 FULL CHARGES WILLIAMS, BLANCHE RESIDENTIAL 505

GREENWOOD STREET

PO BOX2376 THOMPSON FALLS MT 59873-2376

303160-00 RES-MTR-1X 08-03160 FULL CHARGES HAND, CHRIS RESIDENTIAL 511

GREENWOOD STREET

PO BOX 1864 THOMPSON FALLS MT 59873-1884

303170-00 SPC-VACATION RATE C 03-03170 FULL CHARGES BLOUIN, DENNIS RESIDENTIAL

520 GREENWOOD

POBOX442 LYLE WA 98635-0442

303180-00 RES-MTR-1X 08-03180.00 FULL CHARGES MCGAUGHEY, MICHELLE RESIDENTIAL

508 GREENWOOD STREET

PO BOX 1612 THOMPSON FALLS MT 59873-1612

303190-00 RES-MTR-1X 08-03190 FULL CHARGES KEITH CHERYL A AND THORNTON SHANNON L RESIDENTIAL

517 GREENWOOD STREET

% ORVILLE KEITH PO BOX96 THOMPSON FALLS MT 59873-0096

303200-00 RES-MTR-1X 08-03200 FULL CHARGES THOMAS, JAMES & TRACY RESIDENTIAL

524 GREENWOOD STREET

PO BOX2385 THOMPSON FALLS MT 59873-2385

303210-00 RES-MTR-1X 08-03210 FULL CHARGES RICHMOND, LISA RESIDENTIAL

208 5TH AVE EAST

POBOX504 THOMPSON FALLS MT 59873-0504

303220-00 RES-MTR-1X 08-03220 FULL CHARGES SHAFFORD, JED & KARRIE RESIDENTIAL 607

GREENWOOD STREET

PO BOX2471 THOMPSON FALLS MT 59873-2471

303230-00 RES-MTR-1X 08-03230 FULL CHARGES THOME, CLINT RESIDENTIAL

612 GREENWOOD STREET

317 N. RIVER ST HAILEY ID 83333

303240-00 RES-MTR-1X 08-03240 FULL CHARGES REICHERT, BETTY ANN RESIDENTIAL

105 WOODLAND STREET

PO BOX351 THOMPSON FALLS MT 59873-0351

303250-00 RES-MTR-1X 08-03250 FULL CHARGES GREAVES JAMES M. & CHADWICK LARKL. RESIDENTIAL 108

WOODLAND STREET

PO BOX 1867 THOMPSON FALLS MT 59873-1867

303270-00 RES-MTR-1X 08-03270

HILL, ROBB & ALICIA RESIDENTIAL

PO BOX312 THOMPSON FALLS MT 59873-0312

303280-00 RES-MTR-1X 08-03280 FULL CHARGES ROBIRTS, FRANK RESIDENTIAL 117

WOODLAND STREET

PO BOX2106 THOMPSON FALLS MT 59873-2106

303290-00 RES-MTR-1X 08-03290 FULL CHARGES WILLIAMS, THOMAS RESIDENTIAL

207 WOODLAND STREET

PO BOX891 THOMPSON FALLS MT 59873-0891

303300-00 RES-MTR-1X 08-03300 FULL CHARGES PARKER, NOLAN RESIDENTIAL 211

WOODLAND STREET

PO BOX32 THOMPSON FALLS MT 59873-0032

303305-00 RES-MTR-1X 08-03305 FULL CHARGES BARRUS, TRAVIS RESIDENTIAL 215

WOODLAND STREET

PO BOX 1866 THOMPSON FALLS MT 59873-1866

303310-00 RES-MTR-1X 08-03310 FULL CHARGES BOOTHE, JUDITH & EDDIE RESIDENTIAL 204

WOODLAND STREET

PO BOX2501 THOMPSON FALLS MT 59873-2501

303320-00 RES-MTR-1X 08-03320 FULL CHARGES HOLDEN, GENEVA RESIDENTIAL 208

WOODLAND STREET

PO BOX 1344 THOMPSON FALLS MT 59873-1344

303330-00 RES-MTR-1X 08-03330 FULL CHARGES KULAWINSKI, STEPHEN RESIDENTIAL

212 WOODLANg STREET

PO BOX2018 T OMPSON FALLS MT 59873-2018

303350-00 RES-MTR-1X 08-03350 FULL CHARGES FRANK, ROBERT & ANGELA RESIDENTIAL

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303395-00 RES-MTR-1X 08-03395 FULL CHARGES CLARK, STEVE
RESIDENTIAL 420 WOODLAND STREET
PO BOX223 THOMPSON FALLS MT 59873-0223
303400-00 RES-MTR-1X 08-03400 FULL CHARGES DENSON, CHARLES & KRISTI RESIDENTIAL
421 WOODLAND STREET
PO BOX 722 THOMPSON FALLS MT 59873-0722
303410-00 SPC-VACATION RATE C 08-03410 FULL CHARGES WITTERS, JEAN M
RESIDENTIAL 427 WOODLAND STREET
1801 GRANDVIEW LN KAUKAUNA WI 54130
303420-00 RES-MTR-1X 08-03420 FULL CHARGES ADAMS, ROBERT
RESIDENTIAL 428 WOODLAND STREET
PO BOX 1915 THOMPSON FALLS MT 59873-1915
303430-00 RES-MTR-1X 08-03430 FULL CHARGES FRANK, DOROTHY
RESIDENTIAL 506 WOODLAND STREET
PO BOX 1844 THOMPSON FALLS MT 59873-1844
303435-00 RES-MTR-1X 08-03435 FULL CHARGES HOFMEISTER, ROBERT RESIDENTIAL
217 4TH AVE EAST
3093 WOODS DRIVE LAS VEGAS NV 89108
303460-00 RES-MTR-1X 08-03460 FULL CHARGES LOEWEN, LARAMIE RE
IDENTIAL 507 112 WOODLAND STREET
PO BOX 1 24 THOMPSON FALLS MT 59873-1224
303470-00 RES-MTR-1X 08-03470 FULL CHARGES HEISE, RONDA RESIDENTIAL
524 WOODLAND STREET
PO BOX 158 THOMPSON FALLS MT 59873-0158
303480-00 RES-MTR-1X 08-03480 FULL CHARGES DOTY, BRYCE RESIDENTIAL
523 WOODLAND STREET
PO BOX783 THOMPSON FALLS MT 59873-0783
303490-00 RES-MTR-1X 08-03490,00 FULL CHARGES HART, MITZI LEE RESIDENTIAL
308 5TH AVE EAST
PO BOX 1922 THOMPSON FALLS MT 59873-1922
303495-00 RES-MTR-1X 08-03495 FULL CHARGES CZERWINSKI DOUGLAS J & ROPER SARA A
RESIDENTIAL 305 5TH AVE EAST
PO BOX 1555 THOMPSON FALLS MT 59873-1555
303500-00 RES-MTR-1X 08-03500 FULL CHARGES STIMPFLING, ELISE M RESIDENTIAL
611 WOODLAND STREET
PO BOX 1974 THOMPSON FALLS MT 59873-1974
303510-00 RES-MTR-1X 08-03510 FULL CHARGES JOHNSON MARK & KIMBALL CHRISTY RESIDENTIAL
617 WOODLAND STREET
55332 HWY 121 CROFTON NE 68730
303520-00 RES-MTR-1X 08-03520 FULL CHARGES CAMPBELL, GARY RESIDENTIAL
622 WOODLAND STR§ET
4521 MT HWY 200
303550-00 RES-MTR-1X 08-03550 110CLAYSTREE T FULL CHARGES
VOLKMAN, TERRY RESIDENTIAL
PO BOX2321 THOMPSON FALLS MT 59873-2321
303560-00 RES-MTR-1X 08-03560 FULL CHARGES SCHAEFER ENTERPRISES RESIDENTIAL
204 CLAY STREET
4926 HWY 200 THOMPSON FALLS MT 59873
303580-00 RES-MTR-1X 08-03580 FULL CHARGES HAUGHTON, JIM RESIDENTIAL 21 CLAY
sTiwi1!MPSON FALLS MT 59873-0306
303590-00 RES-MTR-1X 03-03590 FULL CHARGES COMMER KENNETH RESIDENTIAL
201 CLAY STREET
PO BOX306
o
303600-00 RES-MTR-1X 08-03600 205 CLAY STREET FULL CHARGES
BUCKLES, MARTIN & LINDA RESIDENTIAL
PO BOX 1833 THOMPSON FALLS MT 59873-1833
303610-00 RES-MTR-1X 08-03610 FULL CHARGES SMITH, CLAYTON
RESIDENTIAL 211 CLAY STREET
PO BOX85 THOMPSON FALLS MT 59873-0085
303620-00 RES-MTR-1X 08-03620 FULL CHARGES WILBURN, CLYDE RESIDENTIAL
218 CLAY STREET
PO BOX 1832 THOMPSON FALLS MT 59873-1832
303630-00 RES-MTR-1X 08-03630 FULL CHARGES GUNN, GERALD RESIDENTIAL
221 CLAY STREET
102 S. SCOTT ST. POST FALLS ID 83854
303635-00 RES-MTR-1X 08-03635 FULL CHARGES CHUBB, BILLIE RESIDENTIAL
219 CLAY STREET

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303650-00 RES-MTR-1X 08-03650 FULL CHARGES SWOPE, ROY & ALICE & FLOYD RESIDENTIAL
228 CLAY STREET

P() BOX 1492 THOMPSON FALLS MT 59873-1492
303660-00 RES-MTR-1X 08-03660 FULL CHARGES DODGE, RONALD L. RESIDENTIAL
225 CLAY STREET

PO BOX393 THOMPSON FALLS MT 59873-0393
303670-00 RES-MTR-1X 08-03670 FULL CHARGES BUTLER, JOHN & DONNA
RESIDENTIAL 303 CLAY STREET

16 JOHN PETERSEN RD OMAK WA 98841
303680-00 RES-MTR-1X 08-03680 FULL CHARGES GOETZ, PAUL F. & VIOLA M. RESIDENTIAL
306 CLAY STREET

PO BOX 1935 THOMPSON FALLS MT 59873-1935
303690-00 RES-MTR-1X 08-03690 FULL CHARGES CARTER, LILLIAN RESIDENTIAL
314 CLAY STREET

PO BOX 1103 THOMPSON FALLS MT 59873-1103
303700-00 RES-MTR-1X 08-03700 FULL CHARGES MCGUIGAN, ALBERTL
RESIDENTIAL 324 CLAY STREET

POBOX51 THOMPSON FALLS MT 59873-0051
303710-00 RES-MTR-1X 08-03710 FULL CHARGES HUNTLEY, HARLEY H.
RESIDENTIAL 3113RD AVE EAST

PO BOX 1434 THOMPSON FALLS MT 59873-1434
303715-00 RES-MTR-1X 08-03715 FULL CHARGES LANIER, LINDA L RESIDENTIAL
405 3RDAVE E

PO BOX2192 THOMPSON FALLS MT 59873-2192
303718-00 RES-MTR-1X 08-03718 FULL CHARGES KNERR, JOHN & BRIDGET RESIDENTIAL
412 CLAY STREET

PO BOX 1143 THOMPSON FALLS MT 59873-1143
303720-00 RES-MTR-1X 08-03720 FULL CHARGES FRANZWA, DARLENE E. RESIDENTIAL
303735-00 RES-MTR-1X RESIDENTIAL 08-03735 421 CLAY STREET FULL CHARGES
BAYLOR, CAROL PO BOX281 THOMPSON FALLS MT 59873-0281

303740-00 RES-MTR-1X 08-03740 FULL CHARGES SNELL, STEVEN
RESIDENTIAL 427 CLAY STREET

PO BOX 1341 THOMPSON FALLS MT 59873-1341
303750-00 RES-MTR-1X 08-03750 FULL CHARGES MCEWEN, ARTHUR RESIDENTIAL
428 CLAY STREET

PO BOX 1441 THOMPSON FALLS MT 59873-1441
303770-00 RES-MTR-1X RESIDENTIAL 08-03770 315 4TH AVE EAST FULL CHARGES
CHRISTIAN, MARJORIE PO BOX 1071 THOMPSON FALLS MT 59873-1071

303780-00 RES-MTR-1X 08-03780 FULL CHARGES JUNGE, GUNNER
RESIDENTIAL 407 4TH AVE EAST

303800-00 RES-MTR-1X RESIDENTIAL 08-03800 515 CLAY STREET FULL CHARGES
HEDAHL, WESLEY A. PO BOX 1085 THOMPSON FALLS MT 59873-1085

303810-00 RES-MTR-1X 08-03810 FULL CHARGES WIECKOWSKI, SHERRY RESIDENTIAL
520 CLAY STREET

PO BOX 1595 THOMPSON FALLS MT 59873-1595
303820-00 RES-MTR-1X 08-03820 FULL CHARGES BUTLER, CHARLES V & DONNA M R-APARTMENT
521 CLAY STREET

POBOX2314 THOMPSON FALLS MT 59873-2314
303830-00 RES-MTR-1X 08-03830 FULL CHARGES HAMEL, KELLY RESIDENTIAL
523 CLAY STREET

LOWE,ANGIE PO BOX452 THOMPSON FALLS MT 59873-0452
303840-00 RES-MTR-1X 08-03840 FULL CHARGES BARAJAS, JESU C RESIDENTIAL
528 CLAY STREET

PO BOX 1431 THOMPSON FALLS MT 59873-1431
303860-00 RES-MTR-1X 08-03860 FULL CHARGES THOMPSON, GARY & JAN RESIDENTIAL
610 CLAY STREET

PO BOX 16.98 THOMPSON FALLS MT 59873-1698

303890-00 RES-MTR-1X 08-03890 FULL CHARGES HART, MARSHA LYNN RESIDENTIAL 614
GLAY STREET
PO BOX 1521 THOMPSON FALLS MT 59873-1521
303900-00 RES-MTR-1X 08-03900 FULL CHARGES VIG KENNETH & PHYLLIS
RESIDENTIAL 622 GLAY STREET
% P GGY BATES 4362 ROAD X SE WARDEN WA 98857
303910-00 RES-MTR-1X 08-03910 FULL CHARGES HERREID, TODD&ANITA RESIDENTIAL 625
GLAY STREET
PO BOX2497 THOMPSON FALLS MT 59873-2497
303921-00 RES-MTR-1X 08-03921 FULL CHARGES CONWAY, RICHARD RESIDENTIAL
626 GLAY STREET
PO BOX1152 THOMPSON FALLS MT 59873-1152
303930-00 RES-MTR-1X 08-03930 FULL CHARGES HAMEL, RON RESIDENTIAL 202
CHURCH STREET
PO BOX751 THOMPSON FALLS MT 59873-0751
303940-00 RES-MTR-1X 08-03940 FULL CHARGES DYKSTRA, DAVID
RESIDENTIAL 201 CHURCH STREET
PO BOX 173 THOMPSON FALLS MT 59873-0173
303950-00 RES-MTR-1X 08-03950 FULL CHARGES PARDEE, CHAD & LEANNA
RESIDENTIAL 208 CHURCH STREET
PO BOX 1755 THOMPSON FALLS MT 59873-1755
303960-00 RES-MTR-1X 08-03960 FULL CHARGES SAINT, STEVEN G. & BARBARA L.
RESIDENTIAL 214 CHURCH STREET
8 RAGOON LANE THOMPSON FALLS MT 59873
303970-00 RES-MTR-1X 08-03970 FULL CHARGES LILLY, MICHAEL
RESIDENTIAL 207 CHURCH STREET
PO BOX2036 THOMPSON FALLS MT 59873-2036
303990-00 RES-MTR-1X 08-03990 FULL CHARGES PENTECOSTAL CHURCH OF GOD
RESIDENTIAL 414 HALEY AVENUE E
PO BOX 1094 THOMPSON FALLS MT 59873-1094
304000-00 RES-MTR-1X 08-04000 FULL CHARGES VOLD, JOY NICOLE RESIDENTIAL
307 CHURCH STREET
PO BOX 1864 THOMPSON FALLS MT 59873-1864
304010-00 RES-MTR-1X 08-04010 FULL CHARGES CHRISTIAN CHURCH
RESIDENTIAL 306 CHURCH STREET
PO BOX33 THOMPSON FALLS MT 59873-0033
304020-00 RES-MTR-1X 08-04020 FULL CHARGES KEEFE, RHODA
RESIDENTIAL 313 CHURCH STREET
PO BOX 1681 THOMPSON FALLS MT 59873-1681
304030-00 SPG-VAGATION RATE C 08-04030 FULL CHARGES YODER, JOEL & ERMA
RESIDENTIAL 318 CHURCH STREET
30 BARRY LANE NOXON MT 59853
304040-00 RES-MTR-1X 08-04040 FULL CHARGES HAMILTON, JUNE
RESIDENTIAL 319 CHURCH STREET
PO BOX832 THOMPSON FALLS MT 59873-0832
304050-00 RES-MTR-1X 08-04050 FULL CHARGES PARDEE, CHAD & LEANNA
RESIDENTIAL 330 CHURCH STREET
PO BOX 1755 THOMPSON FALLS MT 59873-1755
304060-00 RES-MTR-1X 08-04060 FULL CHARGES EPPERSON,ZAGHARY
RESIDENTIAL 403 CHURCH STREET
PO BOX2274 THOMPSON FALLS MT 59873-2274
304080-00 RES-MTR-1X 08-04080 FULL CHARGES SNIDER, JOHN & ROSA
RESIDENTIAL 408 CHURCH STREET
6810 KITTITAS HWY ELLENSBURG WA 98926-6810
304090-00 RES-MTR-1X 08-04090 FULL CHARGES STONE EILEEN
RESIDENTIAL 415 CHURCH STREET
G/0 DE'ANN STONE-HAMMOND 12 WEST ROSEBUD RD FISHTAIL MT 59028
304111-00 RES-MTR-1X 08-04111 FULL CHARGES WILSON, JOHN & MELISSA
RESIDENTIAL 426 CHURCH STREET
PO BOX 1997 THOMPSON FALLS MT 59873-1997
304115-00 RES-MTR-1X 08-04115 FULL CHARGES LACY, GLENN
RESIDENTIAL 5114TH AVE EAST
PO BOX 103 THOMPSON FALLS MT 59873-0103
304120-00 RES-MTR-1X 08-04120 FULL CHARGES BURRELL, DON
RESIDENTIAL 504 CHURCH STREET
PO BOX455 THOMPSON FALLS MT 59873-0455

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304170-00 RES-MTR-1X 08-04170 FULL CHARGES FRANCK, BRANDEN & ERICA RESIDENTIAL 507
5TH AVE EAST
PO BOX674
THOMPSON FALLS MT 59873-0674

304180-00 RES-MTR-1X 08-04180 FULL CHARGES DELONG, PAUL & DONNA RESIDENTIAL 603
CHURCH STREET
PO BOX 1238
THOMPSON FALLS MT 59873-1238

304190-00 RES-MTR-1X 08-04190 FULL CHARGES SPARKS, DAVID G. RESIDENTIAL 610
CHURCH STREET
PO BOX491
THOMPSON FALLS MT 59873-0491

304195-00 RES-MTR-1X 08-04195 FULL CHARGES SHARP, GREG RESIDENTIAL 609
CHURCH STREET
PO BOX2028
THOMPSON FALLS MT 59873-2028

304200-00 RES-MTR-1X 08-04200 FULL CHARGES KELLY, TIMOTHYJ RESIDENTIAL 617
CHURCH STREET
PO BOX 1797
THOMPSON FALLS MT 59873-1797

304210-00 RES-MTR-1X 08-04210 FULL CHARGES BENNETT DAVE-SALEESH RESIDENTIAL 510
BIGHORN DRIVE
PO BOX 1027
THOMPSON FALLS MT 59873-1027

304220-00 RES-MTR-1X 08-04220 FULL CHARGES BENNETT DAVID· MOUNTAIN HOUSE RESIDENTIAL 507
BIGHORN DRIVE
PO BOX 1027
THOMPSON FALLS MT 59873-1027

304220-M1 NONE 08-0422001 FULL CHARGES BENNETT DAVE-MOUNTAIN HOUSE RESIDENTIAL 507
BIGHORN DRIVE
PO BOX 1027
THOMPSON FALLS MT 59873-1027

304220-M2 NONE 08-0422002 FULL CHARGES BENNETT DAVE-MOUNTAIN HOUSE RESIDENTIAL 507
BIGHORN DRIVE
PO BOX 1027
THOMPSON FALLS MT 59873-1027

304225-00 RES-MTR-1X 08-04225 FULL CHARGES FARRINGTON, HAROLD RESIDENTIAL 525
BIGHORN DRIVE
PO BOX8
THOMPSON FALLS MT 59873-0008

304230-00 RES-MTR-1X 08-04230 FULL CHARGES WADSWORTH, LARRY RESIDENTIAL
530 BIGHORN DRIVE
PO BOX253
THOMPSON FALLS MT 59873-0253

304240-00 RES-MTR-1X 08-04240 FULL CHARGES PARKS, DAN RESIDENTIAL 538 BIGHORN
DRIVE
PO BOX2525
THOMPSON FALLS MT 59873-2525

304246-00 RES-MTR-1X 08-04246 FULL CHARGES ROBINSON, DUSTIN & CHRISTINE RESIDENTIAL 549
BIGHORN DRIVE
PO BOX 1093
THOMPSON FALLS MT 59873-1093

304250-00 RES-MTR-1X 08-04250 FULL CHARGES DERENBURGER LONNA & ROBERTS RANDY RESIDENTIAL 546
BIGHORN DRIVE
PO BOX 1134
THOMPSON FALLS MT 59873-1134

304253-00 RES-MTR-1X 08-04253 FULL CHARGES DARBY JR, ORVILLE L RESIDENTIAL 102
KOO KOO SINT COURT
PO BOX334
THOMPSON FALLS MT 59873-0334

304257-00 RES-MTR-1X 08-04257 FULL CHARGES MCEWEN, ARTHUR RESIDENTIAL 205
KANIKSU CT
PO BOX 1441
THOMPSON FALLS MT 59873-1441

304260-00 RES-MTR-1X 08-04260 FULL CHARGES HOEKEMA, STAN & EMERYL RESIDENTIAL
104 KOOKOO SINT COURT
PO BOX445
THOMPSON FALLS MT 59873-0445

304261-00 RES-MTR-1X 08-04261 FULL CHARGES CORK, COURTNEY B RESIDENTIAL
105 KANIKSU CT
POBOX283
THOMPSON FALLS MT 59873-0283

304262-00 RES-MTR-1X 08-04262 FULL CHARGES HAWKINS, GLENN & DONNA RESIDENTIAL
605 BIGHORN DRIVE
JENNA HAWKINS PO BOX2540
THOMPSON FALLS MT 59873-2540

304264-00 RES-MTR-1X 08-04264 FULL CHARGES TURK, CAROL RESIDENTIAL 101
KOOKOO SINT COURT
PO BOX 1932
THOMPSON FALLS MT 59873-1932

304266-00 RES-MTR-1X 08-04266 FULL CHARGES MEYERS, JEREMY & ALICIA RESIDENTIAL
108 KANIKSU CJ
PO BOX2023
T OMPSON FALLS MT 59873-2023

304267-00 RES-MTR-1X 08-04267 FULL CHARGES VAUGHT, KEVIN RESIDENTIAL 106
KANIKSU CT

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102 KANIKSU CT FULL CHARGES

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313110-00 RES-MTR-1X 08-13110 FULL CHARGES
WILSON, GLENN RESIDENTIAL 611GRIZZLY Il' PSON FALLS MT 59873-1273
313130-00 RES-MTR-1X 08-13130 FULL CHARGES MILNER, LARRY & THERESA
RESIDENTIAL 600 GRIZZLY DRIVE
PO BOX243 THOMPSON FALLS MT 59873-0243
313140-00 RES-MTR-1X 08-13140 FULL CHARGES TALLANTDAVID L & DRESSEL LAURA RESIDENTIAL
555 GRIZZLY DRIVE
POBOX781 THOMPSON FALLS MT 59873-0781
313150-00 RES-MTR-1X 08-13150 FULL CHARGES HINCK, TROY & ALICE
RESIDENTIAL 551 GRIZZLY DRIVE
P.O. BOX 1501 THOMPSON FALLS MT 59873-1501
313160-00 RES-MTR-1X 08-13160 FULL CHARGES GREENWELL, GREGORY& APRIL
RESIDENTIAL 556 GRIZZLY DRIVE
PO BOX506 THOMPSON FALLS MT 59873-0506
313170-00 RES-MTR-1X 08-13170 FULL CHARGES BRUSE, PATRICKM
RESIDENTIAL 543 GRIZZLY DRIVE
PO BOX8ZZ THOMPSON FALLS MT 59873-0822
313171-00 RES-MTR-1X 08-13171 FULL CHARGES HAMILTON, JONATHAN G.
RESIDENTIAL 542 GRIZZLEY DRIVE
POBOX542 THOMPSON FALLS MT 59873-0542
313210-00 RES-MTR-1X 08-13210 FULL CHARGES MEAGHER, GARY SR & GLORIA
RESIDENTIAL 537 GRIZZLY DRIVE
PO BOX 1251 THOMPSON FALLS MT 59873-1251
313215-00 RES-MTR-1X 08-13215 FULL CHARGES WEBSTER KELLY
RESIDENTIAL 525 GRIZZLY DRIVE
PO BOX2432 THOMPSON FALLS MT 59873-2432
313220-00 RES-MTR-1X 08-13220 FULL CHARGES BOON, BLAKE E
RESIDENTIAL 511 GRIZZLY DRIVE
POBOX631 THOMPSON FALLS MT 59873-0631
313400-00 RES-MTR-1X 08-13400 FULL CHARGES CURRY, DONNA J.
RESIDENTIAL 504 GRIZZLY DRIVE
PO BOX2553 THOMPSON FALLS MT 59873-2553
313420-00 RES-MTR-1X 08-13420 FULL CHARGES HADDIX, JEFFREY L & PATRICIA G
RESIDENTIAL 520 GRIZZLEY DRIVE
PO BOX2076 THOMPSON FALLS MT 59873-2076
404270-00 RES-MTR-1X 08-04270 FULL CHARGES DAHLKE, GARY RESIDENTIAL
5115TH AVE EAST
PO BOX 1210 THOMPSON FALLS MT 59873-1210
404280-00 RES-MTR-1X 08-042801 FULL CHARGES BARTLETT, ROLANDE & WHITNEY N
RESIDENTIAL 533 MAPLE STREET
POBOX2105 THOMPSON FALLS MT 59873-2105
404290-00 RES-MTR-1X 08-042901 FULL CHARGES LEIVESTAD, RUSSLYN A
RESIDENTIAL 534 MAPLE STREET
PO BOX
40j310-00 RES-MTR-1X RESIDENTIAL 08-043101 514 5TH AVE EAST FULL CHARGES
BR GHAM, DEBRA
PO BOX 1016 THOMPSON FALLS MT 59873-1016
404320-00 RES-MTR-1X 08-04320 FULL CHARGES MOREHOUSE, GARY
RESIDENTIAL 520 MAPLE STREET
PO BOX 1214 THOMPSON FALLS MT 59873-1214
404330-00 RES-MTR-1X 08-04330 FULL CHARGES LINDSAY, MATTHEW &ARLENE
RESIDENTIAL 515 MAPLE STREET
PO BOX2468 THOMPSON FALLS MT 59873-2468
404440-00 RES-MTR-1X 08-04440 FULL CHARGES RYDER, MICHAEL& JULEAH
RESIDENTIAL 215 ADAMS STREET
POBOX2012 THOMPSON FALLS MT 59873-2012
404450-00 NONE 08-04450 FULL CHARGES VULLES, MICHAEL B
RESIDENTIAL 216 ADAMS STREET
PO BOX74 THOMPSON FALLS MT 59873-0074
404460-00 RES-MTR-1X 08-04460 FULL CHARGES STOVER, JEREMY & SARAH
RESIDENTIAL 221 ADAMS STREET
PO BOX 1073 THOMPSON FALLS MT 59873-1073
404470-00 RES-MTR-1X 08-04470 FULL CHARGES ARRANTS STAN & EVA
RESIDENTIAL 608 HALEY AVENUE E
PO BOX 1297 TROUT CREEK MT 59874-1297
404480-00 RES-MTR-1X 08-04480 FULL CHARGES THORNHILL, ROBERT & BRENDA RESIDENTIAL

PO BOX RESIDENTIAL

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404500-00	RES-MTR-1X	08-04500	FULL CHARGES SHARP, RONALD & BONNIE		
607 HALEY AVENUE E THOMPSON FALLS MT 59873-0092					
404505-00	RES-MTR- 1X	08-04505	FULL CHARGES SHARP RONALD & BONNIE	RESIDENTIAL	
308 ADAMS STREET PO BOX92	THOMPSON FALLS MT 59873-0092				
404510-00	RES-MTR-1X	08-04510	FULL CHARGES HARRIS, TOM	RESIDENTIAL	317
ADAMS STREET PO BOX 1741	THOMPSON FALLS MT 59873-1741				
404520-00	RES-MTR-1X	08-04520	FULL CHARGES TAYLOR, JANE	RESIDENTIAL	329
ADAMS STREET POBOX211	THOMPSON FALLS MT 59873-0211				
404530-00	RES-MTR-1X	08-04530	FULL CHARGES CLARK, ROBERT & RICKI	RESIDENTIAL	409
ADAMS STREET 1101 ALAMEDA DR	JACKSONVILLE TX 75766				
404540-00	RES-MTR-1X	08-04540	FULL CHARGES ALDERETE, ANGELO & SABRE	RESIDENTIAL	
708 HALEY AVENUE E PO BOX 1464	THOMPSON FALLS MT 59873-1464				
404550-00	RES-MTR-1X	08-04550	FULL CHARGES PETRIE, RON & ELIZABETH	RESIDENTIAL	
102 GOLF STREET 21 STARLOOKER LANE	THOMPSON FALLS MT 59873				
404560-00	RES-MTR-1X	08-04560	FULL CHARGES FEWKES, DOUGLAS & SUEANNE	RESIDENTIAL	
106 GOLF STREET PO BOX 1305	THOMPSON FALLS MT 59873-1305				
404570-00	RES-MTR-1X	08-04570	FULL CHARGES SHARP, RONALD	RESIDENTIAL	109
GOLF STREET PO BOX92	THOMPSON FALLS MT 59873-0092				
404580-00	RES-MTR-1X	08-04580	FULL CHARGES WILLIAMS, ROBERT E.	RESIDENTIAL	108
GOLF STREET PO BOX273	THOMPSON FALLS MT 59873-0273				
404590-00	EDU-2	08-04590	FULL CHARGES THE CHURCH OF JESUS CHRIST OF LATTER-DAY	RESIDENTIAL	
210 GOLF STRzP THOMPSON FALLS 5028000	PO BOX 182764	C LUMBUS OH 43218-2764			
404600-00	RES-MTR-1X	08-04600	FULL CHARGES DZIERGAS, EDWARD & MELINDA	RESIDENTIAL	
306 GOLF STREET PO BOX661	THOMPSON FALLS MT 59873-0661				
404605-00	RES-MTR-1X	08-04605	FULL CHARGES BOUKAL, RUDOLF GEORG	RESIDENTIAL	
307 GOLF STREET PO BOX 1937	THOMPSON FALLS MT 59873-1937				
404610-00	RES-MTR-1X	08-04610	FULL CHARGES KELLEY, ROBERT W.	RESIDENTIAL	310 GOLF
STREET PO BOX363	THOMPSON FALLS MT 59873-0363				
404620-00	RES-MTR-1X	08-04620	FULL CHARGES PAINTER, WINIFRED M	RESIDENTIAL	211 EDDY
STREET PO BOX54	THOMPSON FALLS MT 59873-0054				
404640-00	EDU-3	08-04640	FULL CHARGES SCHOOL DISTRICT #2 - HIGH SCHOOL	RESIDENTIAL	601 GOLF
STREET 206 HALEY AVE W	THOMPSON FALLS MT 59873				
404645-00	RES-MTR-1X	08-04645	FULL CHARGES BOWDINO LAND LLC	RESIDENTIAL	1199
BEARPAWTRAIL % NADINE NELSON, PO BOX 1633	THOMPSON FALLS MT 59873-1633				
404650-00	RES-MTR-1X	08-04650	FULL CHARGES PHILLIPS, JEFFREY & DEBORAH	RESIDENTIAL	
101 HILL STREET PO BOX 1260	THOMPSON FALLS MT 59873-1260				
404658-00	RES-MTR-1X	08-04658	FULL CHARGES CLARK STEVE	RESIDENTIAL	102 HILL
STREET PO BOX223	THOMPSON FALLS MT 59873-0223				
404660-00	RES-MTR-1X	08-04660	FULL CHARGES FIELDS, JIM & DEBRA	RESIDENTIAL	107 HILL
STREET PO BOX 1201	THOMPSON FALLS MT 59873-1201				

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404740-00 RES-MTR-1X 08-04740 FULL CHARGES JOHNSTON, SANFORD L. & LILA A. RESIDENTIAL
115 ELK STREET
PO BOX 1202 THOMPSON FALLS MT 59873-1202
404750-00 RES-MTR-1X 08-04750 FULL CHARGES KAZMIERCZAK, RONALD V. & SANDRA L. RESIDENTIAL
116 ELK STREET
PO BOX1000 THOMPSON FALLS MT 59873-1000
404760-00 RES-MTR-1X 08-04760 FULL CHARGES WAKEFIELD, LARRY & LINDA RESIDENTIAL
118 ELK STREET
PO BOX 1357 THOMPSON FALLS MT 59873-1357
404770-00 RES-MTR-1X 08-04770 FULL CHARGES OWENS, SHAUNA J RESIDENTIAL 119
ELK STREET
PO BOX 1414 THOMPSON FALLS MT 59873-1414
404780-00 RES-MTR-1X 08-04780 FULL CHARGES WOODEN, ANN M
RESIDENTIAL 123 ELK STREET
PO BOX 1686 THOMPSON FALLS MT 59873-1686
404785-00 COM-MTR-1X 08-04785 FULL CHARGES SPAULDING, ROBERT K RESIDENTIAL
202204 BOULDER AVENUE
PO BOX 1326 TROUT CREEK MT 59874-1326
404786-03 COM-MTR-1X 08-04786 FULL CHARGES IRGENS, JAMES
RESIDENTIAL 206 208 BOU ERAVENUE
PO BOX 194 OXON MT 59853-0194
404790-00 RES-MTR-1X 08-04790 FULL CHARGES DVOROZNAK, DONALD S.
RESIDENTIAL 122 ELK STREET
PO BOX 1750 THOMPSON FALLS MT 59873-1750
404800-00, RES-MTR-1X 08-04800 FULL CHARGES TRAIN, ANTHONY
RESIDENTIAL 212 BOULDER AVENUE
4521 MONTANA HIGHWAY 200 THOMPSON FALLS MT 59873
404810-00 SPC-VACATION RATE C 08-04810 FULL CHARGES JOHNSON ROBERT

t

0 RES-MTR-1X 08-04850.00 FULL CHARGES RESIDENTIAL 225
Jfo t I , DANIEL &
BOULDER AVENUE
404855-00 RES-MTR-1X 08-04855 FULL CHARGES HARPER, RITA
RESIDENTIAL 229 BOULDER AVENUE
PO BOX2593 THOMPSON FALLS MT 59873-2593
404857-00 RES-MTR-1X 07-04857 FULL CHARGES ROBBINS FAMILY TRUST
RESIDENTIAL 848 HALEY AVENUE E
C/0 DAVE & RUTH ROBBINS 6740 SUNSET CIRCLE RIVERSIDE CA 92505-6740
404860-00 RES-MTR-1X 08-04860 FULL CHARGES LANTZ, LESLIE D & JOANN
RESIDENTIAL 908 HALEY AVENUE E
POBOX2017 THOMPSON FALLS MT 59873-2017
404870-00 RES-MTR-1X 08-04870 FULL CHARGES LOYA, ATANACIO
RESIDENTIAL 916 HALEY AVENUE E
POBOX552 THOMPSON FALLS MT 59873-0552
404880-00 RES-MTR-1X 08-04880 FULL CHARGES WHITE, LARRY
RESIDENTIAL 922 HALEY AVENUE E
PO BOX 1821 THOMPSON FALLS MT 59873-1821
404882-00 RES-MTR-1X 08-04882.00 FULL CHARGES LYONS, RICHARD & KYLA
RESIDENTIAL 926 HALEY AVE E
PO BOX681 THOMPSON FALLS MT 59873-0681
404883-00 RES-MTR-1X 08-04883 FULL CHARGES GRIFFITHS, HUGH & SUSAN REiIDENTIAL
905 HALEY AVENUE E
POBOX8 3 THOMPSON FALLS MT 59873-0863
404885-00 RES-MTR-1X 08-04885 FULL CHARGES MAJERUS, GERARD & YVETTE
RESIDENTIAL 925 HALEY AVENUE E
PO BOX2042 THOMPSON FALLS MT 59873-2042
404890-00 RES-MTR- 1X 08-04890 FULL CHARGES CHEESMAN HENRY
RESIDENTIAL 104 EDDY STREET
BENZEL JOAN & PO BOX 1373 THOMPSON FALLS MT 59873-1373
404900-00 RES-MTR-1X 07-04900 FULL CHARGES LEUFKENS, BUDDY J & JUDY A
RESIDENTIAL 105 EDDY STREET
PO BOX 1030 THOMPSON FALLS MT 59873-1030
404904-00 RES-MTR-1X 08-04904 FULL CHARGES SCHOOL DISTRICT #2 - HIGH SCHOOL - NEW

PO BO 6 IERCIAL
504910-00 COM-MTR-1X 08-04910 FULL CHARGES BLACKFOOT TELEPHONE COOPERATIVE
1805 MAIN STREET W
ATTN.: ACCOUNTS PAYABLE MISSOULA MT 59808
504920-00 RES-MTR-1X 08-04920 FULL CHARGES MUSTER, JOHN & SANDRA - SHOP RESIDENTIAL
1705 MAIN STREET W
PO BOX696 THOMPSON FALLS MT 59873-0696
504930-00 SPC-VACATION RATE C 01-04930 FULL CHARGES MUSTER, JOHN & SANDRA RESIDENTIAL
1715 MAIN STREETW
PO BOX696 THOMPSON FALLS MT 59873-0696
504940-00 COM-MTR-1X 08-04940 FULL CHARGES MUSTER'S SHOP COMMERCIAL 1709
MAIN STREET W
MUSTER JOHN PO BOX696 THOMPSON FALLS MT 59873-0696
504954-00 RES-MTR-1X 08-04954 FULL CHARGES THOMPSON FALLS AMBULANCE RESIDENTIAL
1520 MAIN STREET W
PO BOX 1055 THOMPSON FALLS MT 59873-1055
504955-00 EDU-1.5 08-04955 FULL CHARGES US POSTAL SERVICE
COMMERCIAL 1611 MAIN STREETW
1611 MAIN STREET THOMPSON FALLS MT 59873
504965-00 EDU-1.5 08-04965 FULL CHARGES THOMPSON FALLS MEDICAL CLINIC
COMMERCIAL 120 POND STREET S
PO BOX768 PLAINS MT 59859-0768
504975-00 EDU-1.5 08-04975 FULL CHARGES WHITEFISH CREDIT UNION
RESIDENTIAL 107 POND STREETS- CU
POBOX758 THOMPSON FALLS MT 59873-0758
504990-00 EDU-1 08-04990 FULL CHARGES TOWN PUMP INC.
COMMERCIAL 1301 MAIN STREET W
PO BOX6000 BUTTE MT 59702-6000
505000-00 COM-MTR-1X 08-05000 FULL CHARGES THOMPSON FALLS FAMILY
PHARMACY COMMERCIAL 1221 MAIN STREET W
PO BOX 1059 THOMPSON FALLS MT 59873
505015-00 COM-MTR-1X 08-05015 FULL CHARGES HARMON, TRENTON& SARAH
COMMERCIAL 1219 MAIN STREET W
PO BOX 1536 THOMPSON FALLS MT 59873-1536
505020-00 COM-MTR-1X 08-05020 FULL CHARGES FIRST AMERICAN TITLE CO.
COMMERCIAL 1211 MAIN STREETW
PO BOX580 BLACKFOOT ID 83221
505030-00 COM-MTR- 1X 08-05030 FULL CHARGES THOMPSON FALLS FEED & FUEL LLP
COMMERCIAL 1201 MAIN STREET W
JOHN & BARB MOSHER PO BOX26 THOMPSON FALLS MT 59873-0026
505040-00 EDU-2 08-05040 FULL CHARGES SANDERS CO CLERK& RECORDER
COMMERCIAL 1111 MAIN STREETW
PO BOX519 THOMPSON FALLS MT 59873-0519
505050-00 COM-MTR-1X 08-05050 FULL CHARGES JOHNSON RODNEY K.
COMMERCIAL 1037 MAIN STREET W
% CLARK FORK TITLE, INC. POBOX9 THOMPSON FALLS MT 59873-0009
505060-00 COM-MTR-1X 08-05060 FULL CHARGES REX'S THEATER
COMMERCIAL 1033 MAIN STREETW
DOUG'S TOWING AND AUTO INC. PO BOX 1403 THOMPSON FALLS MT 59873-1403
505070-00 EDU-1 08-05070 FULL CHARGES CLARK FORK TITLE INC.
COMMERCIAL 1029 MAIN STREET W
POBOX9 THOMPSON FALLS MT 59873-0009
505080-00 COM-MTR-1X 08-05080 FULL CHARGES BLACKFOOT TELEPHONE COOPERATIVE
COMMERCIAL 1025 MAIN STREET W
ATTN.: ACCOUNTS PAYABLE PO BOX 16600 MISSOULA MT 59808
505090-00 COM-MTR-1X 08-05090 FULL CHARGES EGGENSPERGER, TOM
COMMERCIAL 1017 MAIN STREET W
PO BOX221 THOMPSON FALLS MT 59873-0221
505101-00 COM-MTR-1X 08-05101 FULL CHARGES PROSPECT PROPERTIES
COMMERCIAL 1013 MAIN STREET W
PO BOX 1805 THOMPSON FALLS MT 59873-1805
505110-00 SPC-VACATION RATE C 08-05110 FULL CHARGES FIRST SECURITY BANK
RESIDENTIAL 1003 MAIN STREET W
PO BOX3500 THOMPSON FALLS MT 59873-3500
505120-00 RES-MTR-1X 08-05120 FULL CHARGES MONTANA MOORE HOLDINGS LLC

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505180-00 COM-MTR-1X 08-05180 FULL CHARGES DOUG'S TRUE VALUE/HEALTH COMMERCIAL
901 MAIN STREET W - DOUG'S TRUE VALUE
PO BOX 1028 THOMPSON FALLS MT 59873-1028
505190-00 COM-MTR-1X 08-05190 FULL CHARGES MOSHER, JOHN W & BARBARA L COMMERCIAL
811 MAIN STREETW-FALLS FLORAL
POBOX2 THOMPSON FALLS MT 59873-0002
505200-00 COM-MTR-1X 08-05200 FULL CHARGES MOSHER, JOHN W & BARBARA L
COMMERCIAL 809 MAIN STREET W
POBOX2 THOMPSON FALLS MT 59873-0002
505210-00 COM-MTR-1X 08-05210 FULL CHARGES FARMER, EDGAR & ANDREA RESIDENTIAL
807 MAIN STREET W
POBOX82 PLAINS MT 59859-0082
505220-00 RES-MTR-1X 08-05220 FULL CHARGES KARLIN, JAMES COMMERCIAL
801 MAIN STREET W
POBOX672 THOMPSON FALLS MT 59873-0672
505230-00 COM-MTR-1X 08-05230 FULL CHARGES LAI, JERRY COMMERCIAL
709 MAIN STREET W
PO BOX 1646 THOMPSON FALLS MT 59873-164
505240-00 RES-MTR-1X 08-05240 FULL CHARGES FIRST BAPTIST CHURCH
RESIDENTIAL 705 MAIN STREET W
PO BOX894 THOMPSON FALLS MT 59873-0894
505265-00 COM-MTR-1X 08-05265 FULL CHARGES WAKEFIELD, TODD & RONDA
COMMERCIAL 105 BROAD STREETS
PO BOX2296 THOMPSON FALLS MT 59873-2296
505270-00 COM-MTR-1X 08-05270 FULL CHARGES LITTLE BITTERROOT SERVICES INC. COMMERCIAL
607 MAIN STR\j'AT W
PO BOX 189 P INS MT 59859-0189
505275-00 RES-MTR-1X 08-05275 FULL CHARGES THOMPSON, GINGER
RESIDENTIAL 110 HILL STREETS
709 GILMORE ST WAYCROSSGA31501
505278-00 EDU-1.5 08-05278 FULL CHARGES LEUFKENS FAMILY LLC
RESIDENTIAL 111 BROAD STREET S
PO BOX 1030 THOMPSON FALLS MT 59873-1030
505280-00 COM-MTR-1X 08°05200 FULL CHARGES EGGENSPERGER, TOM & BINA
COMMERCIAL 603 MAIN STREET W
PO BOX221 THOMPSON FALLS MT 59873-0219
505290-00 COM-MTR-1X 08-05290 FULL CHARGES EGGENSPERGER, TOM& BINA
COMMERCIAL 601 MAIN STREET W
PO BOX221 THOMPSON FALLS MT 59873-0219
505300-00 RES-MTR-1X 08-05300 FULL CHARGES SPECIALIZED ASSET MANAGEMENT LLC
RESIDENTIAL 105 HILL STREETS
8742 LUCENT BLVD STE 600 HIGHLANDS RANCH CO 80129-8742
505310-00 RES-MTR-1X 08-05310 FULL CHARGES LEUFKENS FAMILY LLC
RESIDENTIAL 109 HILL STREETS
PO BOX1030 THOMPSON FALLS MT 59873-1030
505320-00 COM-MTR-1X 08-05320 FULL CHARGES CEM ELECTRIC
COMMERCIAL 511 MAIN STREET W
PO BOX697 THOMPSON FALLS MT 59873-0697
505321-00 RES-MTR-1X 08-05321 FULL CHARGES GEM ELECTRIC
RESIDENTIAL 103 HILL ST
PO BOX697 THOMPSON FALLS MT 59873-0697
505330-00 RES-MTR-1X 08-05330 FULL CHARGES STOLZ, COURTNEY
COMMERCIAL 505 MAIN STREET W
POBOX494 THOMPSON FALLS MT 59873-0494
505331-00 COM-MTR-1X 08-05331 FULL CHARGES STOLZ, COURTNEY
RESIDENTIAL 507 MAIN STREET W
PO BOX494 THOMPSON FALLS MT 59873-0494
505340-00 COM-MTR-1X 08-05340 FULL CHARGES LONE STAR LODGE
COMMERCIAL 501 MAIN STREET W
PO BOX 141 THOMPSON FALLS MT 59873-0141
505350-00 RES-MTR-1X 08-05350 FULL CHARGES PARKER, NOLAN
RESIDENTIAL 108 FERRY STREET S
PO BOX 32 THOMPSON FALLS MT 59873-0032
505360-00 RES-MTR-1X 08-05360 FULL CHARGES GARRISON, GLENN & SUZANNE
RESIDENTIAL 409 MAIN STREET W
4439 HWY200 THOMPSON FALLS MT 59873

505410-00 COM-MTR-1X 08-05410 FULL CHARGES PARKS, DAN & CARLA
COMMERCIAL 303 MAIN STREET W
PO BOX2525 THOMPSON FALLS MT 59873-2525
505420-00 COM-MTR-1X 08-05420 FULL CHARGES ALTMAN, JOSEPH & KATHRYN
COMMERCIAL 301 MAIN STREET W
PO BOX782 THOMPSON FALLS MT 59873-0782
505422-00 RES-MTR-1X 08-05422 FULL CHARGES HAGEDORN LAND SURVEYING INC
RESIDENTIAL 108 PEARL STREETS
RICK HAGEDORN PO BOX324 THOMPSON FALLS MT 59873-0324
08-05425 FULL CHARGES
RESIDENTIAL 109 PEARL STREETS
POBOX661 THOMPSON FALLS MT 59873-0661
08-05427 FULL CHARGES
RESIDENTIAL 111 PEARL STREETS
PO BOX 1636 THOMPSON FALLS MT 59873-1636
08-05430 FULL CHARGES
COMMERCIAL 229 MAIN STREET W - LITTLE BEAR
PO BOX 481 THOMPSON FALLS MT 59873-0481
08-05440 FULL CHARGES
COMMERCIAL 224 MAIN STREET W
3050 STOCKYARD RD MISSOULA MT 59808
08-05441 FULL CHARGES
CAMPBELL, MARK W & KATRINA W RESIDENTIAL 219 MAIN STREET W
PO BOX 1393 PLAINS MT 59859-1393
505442-00 SPC-VACATION RATE C 01-05442 FULL CHARGES CAMPBELL, MARK & KATRINA RESIDENTIAL
215 MAIN STREET W
PO BOX 1393 PLAINS MT 59859-1393
505444-00 SPC-VACATION RATE C 01-05444 FULL CHARGES CAMPBELL, MARK & KATRINA
RESIDENTIAL 201 MAIN STREET W
PO BOX 1393 PLAINS MT 59859-1393
505460-00 COM-MTR-1X 08-05460 FULL CHARGES BENNETT DAVID - OFFICE COMMERCIAL
223 MAIN STREET W
PO BOX 1027 THOMPSON FALLS MT 59873-1027
505480-00 EDU-1.5 08-05480 FULL CHARGES NORTHWESTERN ENERGY
COMMERCIAL 1625 MAIDEN LANE
ATTN: AP-MICH OSTERTAG 40 E BROADWAY BUTTE MT 59701
505481-00 COM-MTR-1X 08-05481 FULL CHARGES NORTHWESTERN ENERGY
COMMERCIAL 1517 MAIDEN LANE
ATTN: AP-MICH OSTERTAG 11 E. PARK ST BUTTE MT 59701
505482-00 RES-MTR-1X 08-05482 FULL CHARGES BURKY, BRIAN & COURTNEY
RESIDENTIAL 1611 MAIDEN LANE
PO BOX463 WORLAND WY 82401-0463
505490-00 RES-MTR-1X 08-05490 FULL CHARGES DEMMONS, HENRYT.
RESIDENTIAL 1622 MAIDEN LANE
PO BOX2072 THOMPSON FALLS MT 59873-2072
505500-00 EDU-1.5 08-05500 FULL CHARGES LIONS MANOR BUS & PROPERTY COMMERCIAL
1600 MAIDEN LANE
C/O MONFRIC REALTY, ING 1165 BOOKCLIFF AVE GRAND JUNCTION GO 81501
505510-00 RES-MTR-1X 08-05510 FULL CHARGES BKP PROPERTIES
RESIDENTIAL 1520 MAIDEN LANE
15 WILKES CREEK RD THOMPSON FALLS MT 59873
505520-00 RES-MTR-1X 08-05520 FULL CHARGES GIFFIN, NICHOLAS E. RESIDENTIAL
115 POND STREET S
PO BOX 1 THOMPSON FALLS MT 59873-0001
505550-00 RES-MTR-1X 08-05550 FULL CHARGES LOVELL, RANDY L.
RESIDENTIAL 1507 MAIDEN LANE
PO BOX969 THOMPSON FALLS MT 59873-0969
505560-00 RES-MTR-1X 08-05560 FULL CHARGES FREEMAN, WILLIAM C & CHERYL
RESIDENTIAL 1506 MAIDEN LANE
PO BOX2138 THOMPSON FALLS MT 59873-2138
505580-00 RES-MTR-1X 08-05580 FULL CHARGES PARKER, FRANK
RESIDENTIAL 15121/2 MAIDEN LANE
PO BOX 1645 THOMPSON FALLS MT 59873-1645
505590-00 RES-MTR-1X 08-05590-00 FULL CHARGES FIEL, LARRY AND JANET
RESIDENTIAL 1417 MAIDEN LANE
PO BOX 1507 THOMPSON FALLS MT 59873-1507
505600-00 RES-MTR-1X 08-05600 FULL CHARGES HAGEDORN, RICKY & ROBIN
RESIDENTIAL 204 LINCOLN STREETS
PO BOX244 THOMPSON FALLS MT 59873-0244

Customer Name User ti1 e Service Address
Additional Name Customer i ling Address Customer City, State and Zip

505425-00 RES-MTR-1X INDA
DZIERGAS, EDWARD

505427-00 RES-MTR-1X
HUTCHINGS, CODY

505430-00 COM-MTR-1X
CHEETHAM,

505440-00 COM-MT/<e 1X
ENERGY PARTNERS

505441-00 COM-MTR-1X

Customer Name | User TyMe | Service Address
Additional Name | Customer Bi ling Address | Customer City, State and Zip

505670-00 RES-MTR-1X 08-05670 FULL CHARGES BRICKZIN, BOB
RESIDENTIAL 1309 MAIDEN LANE
PO BOX 1436 THOMPSON FALLS MT 59873-1436

505690-M1 COM-MTR-1X 08-0569001 FULL CHARGES H2 HOSPITALITY INC OBA FALLS MOTEL
RESIDENTIAL 112 GALLATIN STREET S
PO BOX458 SUPERIOR MT 59872-0458

505690-M2 COM-MTR-1X 08-0569002.M2 FULL CHARGES H2 HOSPITALITY INC RESIDENTIAL
112 GALLATIN STREETS
OBA FALLS MOTEL PO BOX458 SUPERIOR MT 59872-0458

505690-M3 COM-MTR-1X 08-0569003 FULL CHARGES H2 HOSPITALITY INC
RESIDENTIAL 112 GALLATIN STREETS
OBA FALLS MOTEL PO BOX458 SUPERIOR MT 59872-0458

505700-00 RES-MTR-1X 08-05700 FULL CHARGES HOWE, BETTY J RESIDENTIAL 200
GALLATIN STREETS
PO BOX 164 THOMPSON FALLS MT 59873-0164

505710-00 RES-MTR-1X 08-05710 FULL CHARGES CANCIGILA, CHARLES RESIDENTIAL
206 GALLATIN STREETS
POBOX4 THOMPSON FALLS MT 59873-0004

505720-00 RES-MTR-1X 08-05720 FULL CHARGES MUSTER, JOHN
RESIDENTIAL 215 GALLATIN STREETS
PO BOX696 THOMPSON FALLS MT 59873-0696

505730-00 RES-MTR-1X 08-05730 FULL CHARGES MUSTER, JOHN & SANDRA - SHOP RESIDENTIAL
2131/2 GALLATIN STREETS
PO BOX696 THOMPSON FALLS MT 59873-0696

505740-00 RES-MTR-1X 08-05740 FULL CHARGES OSWALD STEVE & NOVAK LINDA RESIDENTIAL
203 GALLATIN STREET S
PO BOX482 THOMPSON FALLS MT 59873-0482

505745-00 COM-MTR-1X 08-05745 FULL CHARGES VALLEY BANK
COMMERCIAL 1222 MAIDEN LANE
PO BOX664 ST IGANTIUS MT 59865

505750-00 RES·MTR-1X 08-05750 FULL CHARGES MUSTER, JOHN
RESIDENTIAL 1215 MAIDEN LANE
PO BOX696 THOMPSON FALLS MT 59873-0696

505770-00 RES-MTR-1X 08-05770 FULL CHARGES TRAIN PROPERTIES LLC
RESIDENTIAL 1211 MAIDEN LANE
4521 HIGHWAY 200 THOMPSON FALLS MT 59873

505780-00 RES-MTR-1X 08-05780 FULL CHARGES OTTEN, DOUGLAS C
RESIDENTIAL 1203 MAIDEN LANE
PO BOX 1343 THOMPSON FALLS MT 59873-1343

505790-00 RES-MTR-1X 08-05790 FULL CHARGES STYGER, CAROL
RESIDENTIAL 1204 MAIDEN LANE
PO BOX471 THOMPSON FALLS MT 59873-0471

505800-00 RES-MTR-1X 08-05800 FULL CHARGES KERSTEN, LYNNE
RESIDENTIAL 206 MADISON STREET S
PO BOX2066 THOMPSON FALLS MT 59873-2066

505811-00 RES-MTR-1X 08-05811 FULL CHARGES MY INVESTMENTS (YURCZYK/ MUSTER)
RESIDENTIAL 210 MADISON STREETS
PO BOX932 THOMPSON FALLS MT 59873-0932

505820-00 RES-MTR-1X 08-05820 FULL CHARGES YURCZYK, FRANCIS
RESIDENTIAL 207 MADISON STREETS
PO BOX932 THOMPSON FALLS MT 59873-0932

505830-00 COM-MTR-1X 08-05830 FULL CHARGES MORRIN, DIANE
COMMERCIAL 1119 MAIDEN LANE
PO BOX 1609 THOMPSON FALLS MT 59873-1609

505850-00 COM-MTR-1X 08-05850 FULL CHARGES JENKS ENTERPRISES INC
COMMERCIAL 108 MADISON STREETS
% GOEN, TIMOTHY PO BOX2317 THOMPSON FALLS MT 59873-2317

505860-00 EDU-1 08-05860 FULL CHARGES SANDERS COUNTY JAIL COMMERCIAL
1115 MAIN STRiiTw
PO BOX519 TH MPSON FALLS MT 59873-0519

505870-00 RES-MTR-1X 08-05870 FULL CHARGES LEUFKENS FAMILY LLC
RESIDENTIAL 1111 MAIDEN LANE
PO BOX 1030 THOMPSON FALLS MT 59873-1030

505880-00 RES-MTR-1X 08-05880 FULL CHARGES ELLIOTT GEORGE & LINDA

Account	Rate Code	Route - Meter	Billing Code	Customer Name	Service Address	Additional Name	Customer Mailing Address	Customer City, State and Zip
505920-00	RES-MTR-1X	08-05920	FULL CHARGES	KELLER, KIMBERLY	RESIDENTIAL	107112 JEFFERSON STREETS	PO BOX 1181	THOMPSON FALLS MT 59873-1181
505930-00	RES-MTR-1X	08-05930	FULL CHARGES	PODRAT, GARY A.	RESIDENTIAL	1020 MAIDEN LANE	1849 DECKER SCHOOL LANE	MALIBU CA 90265
505940-00	RES-MTR-1X	08-05940	FULL CHARGES	INGRAM, ABBY	RESIDENTIAL	1015 MAIDEN LANE	2 GEBHARDTLN	THOMPSON FALLS MT 59873
505950-00	RES-MTR-1X	08-05950	FULL CHARGES	SAKASKE,STEPHEN	RESIDENTIAL	1016 MAIDEN LANE	PO BOX 10544	KALISPELL MT 59904-0544
505960-00	RES-MTR-1X	08-05960	FULL CHARGES	ELLIOTT, LYNETTE K	RESIDENTIAL	1014 MAIDEN LANE	PO BOX 1901	THOMPSON FALLS MT 59873-1901
505970-00	RES-MTR-1X	08-05970	FULL CHARGES	LEUFKENS FAMILY LLC	RESIDENTIAL	1003 MAIDEN LANE	PO BOX 1030	THOMPSON FALLS MT 59873-1030
506000-00	EDU-1.5	08-06000	FULL CHARGES	FIRST SECURITY BANK	COMMERCIAL	107 FULTON STREETS		
§ 8tt:⁰ 1CHARD & MAVIS PO BO E(ENTIAL	RES-MTR-1X	RESIDENTIAL	08-06052	107 MILL STREETS	FULL CHARGES		PO BOX695	THOMPSON FALLS MT 59873-0695
506053-io	RES-MTR-1X	08-06053	FULL CHARGES	DINKEL PIEL, LLOYD	RESIDENTIAL	109 MILL STREETS	36 GRAHAMLN	TROUT CREEK MT 59874
506055-00	COM-MTR-1X	08-06055	FULL CHARGES	GAYTON, PAUL & JESSICA	RESIDENTIAL	108 BROAD STREETS	PO BOX 1753	THOMPSON FALLS MT 59873-1753
506060-00	RES-MTR-1X	08-06060	FULL CHARGES	MCCUAIG, JAMES M. & JOSIE	RESIDENTIAL	109 COLUMBIA STREETS	PO BOX 1598	TROUT CREEK MT 59874-1598
506070-00	RES-MTR-1X	08-06070	FULL CliARGES	TERRY, MICHAEL A.	RESIDENTIAL	110 COLUMBIA STREETS	POBOX2446	THOMPSON FALLS MT 59873-2446
506075-00	RES-MTR-1X	08-06075	FULL CHARGES	SCOVILLE, ROSE ANN	RESIDENTIAL	114 COLUMBIA STREET S	POBOX313	THOMPSON FALLS MT 59873-0313
506080-00	RES-MTR-1X	08-06080	FULL CHARGES	SHEAR, MICHAEL	RESIDENTIAL	712 MAIDEN LANE	PO BOX653	THOMPSON FALLS MT 59873-0653
506100-00	RES-MTR-1X	08-06100	FULL CHARGES	SHEAR, MICHAEL	RESIDENTIAL	704 MAIDEN LANE	PO BOX653	THOMPSON FALLS MT 59873-0653
506110-00	COM-MTR-1X	08-06110	FULL CHARGES	LEUFKENS FAMILY LLC	RESIDENTIAL	115 BROAD STREETS	PO BOX 1030	THOMPSON FALLS MT 59873-1030
506120-00	RES-MTR-1X	08-06120	FULL CHARGES	LORD, JEANETTE	RESIDENTIAL	109 BROAD STREETS	1 LIVER GULCH LANE	THOMPSON FALLS MT 59873
506150-00	SPC-SCHILLING	08-06150	FULL CHARGES	SCHILLING, DAVID & CATHY			1006 CHURCH STREET	THOMPSON FALLS MT 59873-0124
600270-00	RES-MTR-1X	07-00270	FULL CHARGES	SHEPHERD OF THE VALLEY LUTHERAN CHURCH	RESIDENTIAL	1192 MOUNT SILCOX DRIVE	PO BOX2508	THOMPSON FALLS MT 59873-2508
600602-00	RES-MTR-1X	08-00602	FULL CHARGES	COLEMAN, AVERY & ROXANNE	RESIDENTIAL	602 ASPEN COURT	PO BOX 1798	THOMPSON FALLS MT 59873-1798
600604-00	RES-MTR-1X	08-00604	FULL CHARGES	WALWER, GREGG	RESIDENTIAL PO	608		

Account	Rate Code	Route - Meter	Billing Code	Customer Name	User Ifi«e	Service Address	Additional Name	Customer Mailing Address	Customer City, State and Zip
600712-00	RES-MTR-1X	08-00712	FULL CHARGES	FISHER, KRISTEN M & BRANDON B	RESIDENTIAL	712 S OUTHWOOD COURT	PO BOX 1944	THOMPSON FALLS MT 59873-1944	
600715-00	RES-MTR-1X	08-00715	FULL CHARGES	DRAPER,LISA	RESIDENTIAL	715 SOUTHWOO	PO BOX 1101	THOMPSON FALLS MT 59873-1101	

600716-00 RES-MTR-1X RESIDENTIAL 08-00716 716 SOUTHWOO FULL CHARGES COURT
MORGAN, SHAWN & JODI
PO BOX2252 THOMPSON FALLS MT 59873-2252
RESIDENTIAL 720
600720-00 RES-MTR-1X 07-00720 SOUTHW OOD FULL CHARGES COURT
MURPHY, JAMES & EUGENIA
PO BOX 1184 THOMPSON FALLS MT 59873-1184
600721-00 RES-MTR-1X RESIDENTIAL 08-00721 721 SOUTHWOO FULL CHARGES COURT
FAIRBANK, RACHEL ANN
PO BOX 1601 THOMPSON FALLS MT 59873-1601
600723-00 RES-MTR-1X RESIDENTIAL 08-00723 723 SOUTHWOO FULL CHARGES COURT
RASMUSSEN, JORDAN
PO BOX 1124 THOMPSON FALLS MT 59873-1124
601107-00 RES-MTR-1X RESIDENTIAL 08-01107 FULL CHARGES 1107 MOUNT SILCOX DRIVE
JEHOVAH'S WITNESSES
PO BOX 1273 THOMPSON FALLS MT 59873-1273
601191-00 EDU-1 ENTIAL 08-01191 FULL CHARGES 1191 MOUNT SILCOX
THOMPSON FALLS SENIOR CITIZENS CENTER RESID DRIVE
PO BOX444 THOMPSON FALLS MT 59873-0444
601199-00 RES-MTR-1X RESIDENTIAL 08-01199 FULL CHARGES 1199 MOUNT SILCOX DRIVE
WILHITE, DAVID
PO BOX 1965 THOMPSON FALLS MT 59873-1965
601209-00 RES-MTR-1X ENTIAL 08-01209 FULL CHARGES 1209 MOUNT SILCOX
LEISCHNER, BLAINE L & CHRISTINE RESID DRIVE
PO BOX 1817 THOMPSON FALLS MT 59873-1817
601219-00 RES-MTR-1X RESIDENTIAL 08-01219 FULL CHARGES 1219 MOUNT SILCOX DRIVE
HOFF, RAYMOND
PO BOX 182 THOMPSON FALLS MT 59873-0182
601220-00 RES-MTR-1X ENTIAL 07-01220 704 SOUTHWOOD FULL CHARGES
DONALDSON JOSEPH & LOWRY ANN RESID COURT
PO BOX 1956 THOMPSON FALLS MT 59873-1956
601229-00 RES-MTR-1X 08-01229 FULL CHARGES
FRANCK, NICHOLAS RESIDENTIAL 1229 MOUNT SILCOX DRIVE
PO
BOX 1231 THOMPSON FALLS MT 59873-1231
601800-00 RES-MTR-1X 07-01800 FULL CHARGES HANDFORD, DANIELE & BETTY JO
RESIDENTIAL 1800 PINE TREE HOLLOW
PO BOX682 THOMPSON FALLS MT 59873-0682
601801-00 EDU-1 08-01801 FULL CHARGES PINE TREE HOLLOW HOMEOWNERS ASSN RESIDENTIAL
1801 PINE TREE HOLLOW - GREENS
PO BOX 1522 THOMPSON FALLS MT 59873-1522
RES-MTR-1X 08-01802 FULL CHARGES RESIDENTIAL 1802 PINE TREE HOLLOW
PO BOX 1802 THOMPSON FALLS MT 59873-1802
RES-MTR-1X 08-1804 FULL CHARGES RESIDENTIAL 1804 PINE TREE HOLLOW
PO BOX293 THOMPSON FALLS MT 59873-0293
RES-MTR-1X 08-01806 FULL CHARGES RESIDENTIAL 1806 PINE TREE HOLLOW
POBOX546 THOMPSON FALLS MT 59873-0546
RES-MTR-1X 08-01808 FULL CHARGES RESIDENTIAL 1808 PINE TREE HOLLOW
PO BOX2226 THOMPSON FALLS MT 59873-2226
RES-MTR-1X 07-01810 FULL CHARGES RESIDENTIAL 1810 PINE TREE HOLLOW
PO BOX 1714 THOMPSON FALLS MT 59873-1714
RES-MTR-1X 08-01812 FULL CHARGES RESIDENTIAL 1812 PINE TREE HOLLOW
PO BOX234 THOMPSON FALLS MT 59873-0234
601814-00 RES-MTR-1X 08-01814 FULL CHARGES ARNOLD, RODNEY E & EDRALINE M
RESIDENTIAL 1814 PINE TREE HOLLOW
POBOX73 THOMPSON FALLS MT 59873-0073
RES-MTR-1X 08-01816 FULL CHARGES RESIDENTIAL 1816 PINE TREE HOLLOW
PO BOX863 THOMPSON FALLS MT 59873-0863
RES-MTR-1X 08-01818 FULL CHARGES RESIDENTIAL 1818 PINE TREE HOLLOW
PO BOX536 THOMPSON FALLS MT 59873-0536
RES-MTR-1X 07-01900 FULL CHARGES RESIDENTIAL 1900 PINE TREE HOLLOW
POBOX2125 THOMPSON FALLS MT 59873-2125
601902-00 RES-MTR-1X 08-01902 FULL CHARGES
THURMAN, WILLIS C & PENNY L RESIDENTIAL 1902 PINE TREE HOLLOW
275
601816-
GRIFFITHS, HUGH &
601810-
ANDERSON, NEAL &
601806-
CHENEY, VIRGINIA
601818-
CARMAN, NEIL &
ST GEORGE UT

601808-
LINZMAIER,
601804-
EPPERSON,
601812-
MARICH,
601900-
DAVIS,
601802-
BROWN, NANCY

Account / Service Address	Rate Code	Route - Meter	Billing Code	Customer Name	User lifme
Additional Name		Customer ,ling Address	Customer City, State and Zip		
601904-00 RESIDENTIAL	RES-MTR-1X 1904 PINE TREE HOLLOW	08-01904	FULL CHARGES	GLADE, SHIRLEY	
PO BOX 1998 601906-00 1906 PINE TREE HOLLO	RES-MTR-1X	THOMPSON FALLS MT 59873-1998 08-01906	FiiJirL CHARGES	FALK, DAVID & INA	RESIDENTIAL
PO BOX571 601908-00 1908 PINE TREE HOLLOW	RES-MTR-1X	THOMPSON FALLS MT 59873-0571 08-01908	FULL CHARGES	BLOOM, ROSEMARIE	RESIDENTIAL
iw g ,OBERNARD & KAY	RESIDENTIAL	1910 PINE TREE HOLLOW			
700012-00 2414	RES-MTR-1X	PO BOX534 THOMPSON FALLS MT 59873-0534 08-00012	FULL CHARGES	NEBEKER, CLINT & TRACI	RESIDENTIAL
CAPSTO iJ"R? J§kEEK NV 89815 700040-00 2413 CAPSTONE COURT	RES-MTR-1X	08-00040.1	FULL CHARGES	SCHUBERT, RUSSELL	RESIDENTIAL
PO BOX 1541 700041-00 2419 CAPSTONE COURT	RES-MTR-1X	THOMPSON FALLS MT 59873-1541 08-00041	FULL CHARGES	ARNDT, ROBERT & KARLA	RESIDENTIAL
PO BOX2162 704 SRPING CREEK	RES-MTR-1X	THOMPSON FALLS MT 59873-2162 08-00050.1	FULL CHARGES	[illegible]	[illegible]
700053-00	RES-MTR-1X	08-00053 o		FULL CHARGES	
FRANCHMON, HANS 700054-00 2611 CORNERSTONE ROAD	RES-MTR-1X	RESIDENTIAL 262 CORNE iW \i AfALLSMT 59873-2031 08-00054	FULL CHARGES	CARMOUCHE, RAINA	RESIDENTIAL
PO BOX 1700 700060-00 2715 CORNERSTONE ROAD	RES-MTR-1X	THOMPSON FALLS MT 59873-1700 07-00060	FULL CHARGES	FIELDS, SHERMAN & NANCY	RESIDENTIAL
PO BOX2043 700061-00 2719 CORNERSTONE ROAD	RES-MTR-1X	THOMPSON FALLS MT 59873-2043 08-00061	FULL CHARGES	TAYLOR,GAYLE	RESIDENTIAL
PO BOX 152 PO 700080-00 RIMROCK LODGE LAWRENCE, JOHN	EDU-3 PO BOX 1450	THOMPSON FALLS MT 59873-0152 COMMERCIAL	07-00080 4946 2 HWY. 0	FULL CHARGES HOMPSONFALLS MT 59873-1450	

Total Records: 711

Account	Customer Name	Additional Name	Rate Code	User Type	Customer Billing Address	Route - Meter	Customer City, State and Zip	Service Address	Billing Code
000420-00	BLAKNEY, JASON & HAYLEY		RES-MTR- 1X	RESIDENTIAL	PO BOX 451	07-00420	THOMPSON FALLS MT 59873-0451	705 SOUTHWOOD COURT	FULL CHARGES
000422-00	PETTY, THURMAN & MARTHA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1064	07-00422	THOMPSON FALLS MT 59873-1064	406 GREENWOOD STREET	FULL CHARGES
000423-00	SCHILLING, DUSTIN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1748	08-00423	THOMPSON FALLS MT 59873-1748	820 CHURCH ST	FULL CHARGES
000424-00	WILLIAMS, H. THOMAS		RES-MTR- 1X	RESIDENTIAL	PO BOX 1289	08-00424	THOMPSON FALLS MT 59873-1289	711 GRIZZLY DR	FULL CHARGES
000425-00	BRYAN E. LACY AND JANET L. LACY LIVING TRUST		RES-MTR- 1X	RESIDENTIAL	PO BOX 476	08-00425	THOMPSON FALLS MT 59873-0476	604 ASPEN COURT	FULL CHARGES
000428-00	TRAVER, DEBBIE & TERRY		RES-MTR- 1X	RESIDENTIAL	PO BOX 612	07-00428	THOMPSON FALLS MT 59873-0612	701 SOUTHWOOD COURT	FULL CHARGES
000429-00	PERKINS, BROCK		RES-MTR- 1X	RESIDENTIAL	PO BOX 392	07-00429	THOMPSON FALLS MT 59873-0392	304 WOODLAND ST	FULL CHARGES
000430-00	LEUFKENS FAMILY LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	07-00430	THOMPSON FALLS MT 59873-1030	1102 MOUNT SILCOX DR	FULL CHARGES
000431-00	LEUFKENS FAMILY LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	07-00431	THOMPSON FALLS MT 59873-1030	1104 MOUNT SILCOX DR	FULL CHARGES
000432-00	MOORE, ELIZABETH		RES-MTR- 1X	RESIDENTIAL	1227 BLUE SLIDE ROAD	07-00432	THOMPSON FALLS MT 59873	996 MOUNT SILCOX DRIVE	FULL CHARGES
000433-00	MOORE, ELIZABETH		RES-MTR- 1X	RESIDENTIAL	1227 BLUE SLIDE ROAD	07-00433	THOMPSON FALLS MT 59873	998 MOUNT SILCOX DRIVE	FULL CHARGES
000434-00	PIRKER, RON & GWEN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1258	08-00434	THOMPSON FALLS MT 59873-1258	552 GRIZZLY DR	FULL CHARGES
100005-00	THOMPSON FALLS ASSEMBLY OF GOD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1029	08-00005	THOMPSON FALLS MT 59873-1029	1124 PRESTON AVENUE W	FULL CHARGES
100010-00	ASSEMBLY OF GOD CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1029	08-00010	THOMPSON FALLS MT 59873-1029	1120 PRESTON AVENUE W	FULL CHARGES
100015-00	ASSEMBLY OF GOD CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1029	08-00015	THOMPSON FALLS MT 59873-1029	1122 PRESTON AVENUE W	FULL CHARGES
100020-00	SKINNER, MARK & SANDRA		RES-MTR- 1X	RESIDENTIAL	1106 PRESTON AVE W	08-00020	THOMPSON FALLS MT 59873	1106 PRESTON AVENUE W - HOUSE	FULL CHARGES
100030-00	HENSYEL, RICKEY		RES-MTR- 1X	RESIDENTIAL	1114 PRESTON AVE W	08-00030	THOMPSON FALLS MT 59873	1114 PRESTON AVENUE W	FULL CHARGES
100040-00	MARICH, ADRIENNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 3	08-00040	THOMPSON FALLS MT 59873-0003	102 WOOD STREET	FULL CHARGES
100050-00	INGRAHAM, LYNN C & JUDY P		RES-MTR- 1X	RESIDENTIAL	PO BOX 1877	08-00050	THOMPSON FALLS MT 59873-1877	207 WOOD STREET	FULL CHARGES
100060-00	SNYDER JOEL L		RES-MTR- 1X	RESIDENTIAL	PO BOX 1768	08-00060	THOMPSON FALLS MT 59873-1768	214 WOOD STREET	FULL CHARGES
100065-00	RAYMOND, JOHN & JUDY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2565	08-00065	THOMPSON FALLS MT 59873-2565	213 WOOD STREET	FULL CHARGES
100070-00	TOMAS, SAMUEL J & MARCELLA R		RES-MTR- 1X	RESIDENTIAL	196 ACI LOOP	08-000700	KALISPELL MT 59901	210 WOOD STREET	FULL CHARGES
100080-00	TOMAS, SAMUEL & MARCELLA		SPC-VACATION RATE C	RESIDENTIAL	196 ACI LOOP	08-00080	KALISPELL MT 59901	1014 OGDEN AVENUE W	FULL CHARGES
100090-00	NAGY, JOHN & EVELYN		RES-MTR- 1X	RESIDENTIAL	PO BOX 961	08-00090	THOMPSON FALLS MT 59873-0961	217 WOOD STREET	FULL CHARGES
100100-00	WEST, GINA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1986	08-00100	THOMPSON FALLS MT 59873-1986	220 WOOD STREET	FULL CHARGES
100110-00	COLE, BRIAN & NEYLA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1342	08-00110	THOMPSON FALLS MT 59873-1342	1210 HALEY AVENUE W	FULL CHARGES
100120-00	MARGELIN, ELIZABETH		RES-MTR- 1X	RESIDENTIAL	PO BOX 231	08-00120	THOMPSON FALLS MT 59873-0231	1214 HALEY AVENUE W	FULL CHARGES
100150-00	SUSIC, JACOB & DEANNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2361	08-00150	THOMPSON FALLS MT 59873-2361	1206 HALEY AVENUE W	FULL CHARGES
100160-00	ANDERSON, IRENE		RES-MTR- 1X	RESIDENTIAL	PO BOX 282	08-00160	THOMPSON FALLS MT 59873-0282	303 WOOD STREET	FULL CHARGES
100170-00	SUND, FORREST D & LINDA M		RES-MTR- 1X	RESIDENTIAL	PO BOX 1086	08-00170	THOMPSON FALLS MT 59873-1086	304 WOOD STREET	FULL CHARGES
100180-00	ANDERSON, EARL & IRENE		RES-MTR- 1X	RESIDENTIAL	PO BOX 282	08-00180	THOMPSON FALLS MT 59873-0282	311 WOOD STREET	FULL CHARGES
100185-00	YURCZYK, FRANK		RES-MTR- 1X	RESIDENTIAL	PO BOX 932	08-00185	THOMPSON FALLS MT 59873-0932	314 WOOD STREET	FULL CHARGES
100190-00	TOMAS, SAM & MARCIE		RES-MTR- 1X	RESIDENTIAL	196 ACI LOOP	08-00190	KALISPELL MT 59901	1012 PRESTON AVENUE W	FULL CHARGES
100200-00	HAYNES, PAUL C.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1475	08-00200	THOMPSON FALLS MT 59873-1475	102 PARK STREET	FULL CHARGES
100210-00	WOLLASTON, TILLIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1075	08-00210	THOMPSON FALLS MT 59873-1075	105 PARK STREET	FULL CHARGES
100220-00	BROWNE, RICHARD & LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1827	08-00220	THOMPSON FALLS MT 59873-1827	108 PARK STREET	FULL CHARGES
100230-00	HART, CHRISTOPHER		RES-MTR- 1X	RESIDENTIAL	PO BOX 2452	08-00230	THOMPSON FALLS MT 59873-2452	205 PARK STREET	FULL CHARGES
100240-00	THOMPSON, EDWARD R. & TERRY		RES-MTR- 1X	RESIDENTIAL	PO BOX 171	08-00240	THOMPSON FALLS MT 59873-0171	202 PARK STREET	FULL CHARGES
100250-00	JOHNSON, DAVID S		SPC-VACATION RATE C	RESIDENTIAL	710 PRESTON AVE W	08-00250	THOMPSON FALLS MT 59873	206 PARK STREET	FULL CHARGES
100260-00	FITCHETT, TRAVIS R.		RES-MTR- 1X	RESIDENTIAL	PO BOX 71	08-00260	THOMPSON FALLS MT 59873-0071	210 PARK STREET	FULL CHARGES
100270-00	KOSTKA, LUCAS RC & AUTUMN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2087	08-00270	THOMPSON FALLS MT 59873-2087	209 PARK STREET	FULL CHARGES
100280-00	FRANKE, KAY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1003	08-00280	THOMPSON FALLS MT 59873-1003	911 HALEY AVE W	FULL CHARGES
100290-00	FRANKE, KAY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1003	08-00290	THOMPSON FALLS MT 59873-1003	222 PARK STREET	FULL CHARGES
100300-00	BRAY, BRITT		RES-MTR- 1X	RESIDENTIAL	PO BOX 244	08-00300	THOMPSON FALLS MT 59873-0244	305 PARK STREET	FULL CHARGES
100310-00	LEGAULT, ROBERT & TONI		RES-MTR- 1X	RESIDENTIAL	PO BOX 1575	08-00310	THOMPSON FALLS MT 59873-1575	304 PARK STREET	FULL CHARGES
100315-00	SUNDSTRUM, DANIEL & RUTHANNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1347	08-00315	TROUT CREEK MT 59874-1347	310 PARK STREET	FULL CHARGES
100317-00	BORGMANN, MATTHEW & KRYSTAL		RES-MTR- 1X	RESIDENTIAL	PO BOX 792	08-00317	THOMPSON FALLS MT 59873-0792	315 PARK STREET	FULL CHARGES
100320-00	BORGMANN, ROSEMARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 691	08-00320	THOMPSON FALLS MT 59873-0691	321 PARK STREET	FULL CHARGES
100330-00	MOLZHON, PAUL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1034	08-00330	THOMPSON FALLS MT 59873-1034	906 HALEY AVENUE W	FULL CHARGES
100340-00	EGBERT PROPERTIES LLC	EGBERT, WAYNE & MARY	COM-MTR- 1X	RESIDENTIAL	PO BOX 868	08-00340	PLAINS MT 59859-0868	904 PRESTON AVENUE W	FULL CHARGES
100351-00	DEWITT, CATHERINE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2143	08-00351	THOMPSON FALLS MT 59873-2143	102 GALLATIN STREET N	FULL CHARGES
100360-00	DAY, MELINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 484	08-00360	THOMPSON FALLS MT 59873-0484	107 GALLATIN STREET N	FULL CHARGES
100370-00	CONLEY, STEVEN & ASHLEY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1461	08-00370	THOMPSON FALLS MT 59873-1461	114 GALLATIN STREET N	FULL CHARGES
100380-00	KRICK, BRIAN & LARA		RES-MTR- 1X	RESIDENTIAL	29 HARMONY LN	08-00380	TROUT CREEK MT 59874	113 GALLATIN STREET N	FULL CHARGES
100390-00	BROWN, JASON D.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1812	08-00390	THOMPSON FALLS MT 59873-1812	205 GALLATIN STREET N	FULL CHARGES
100400-00	SHEAR, JARED & JENNIFER		RES-MTR- 1X	RESIDENTIAL	PO BOX 2222	08-00400	THOMPSON FALLS MT 59873-2222	204 GALLATIN STREET N	FULL CHARGES
100410-00	VERLANIC, LYNN R		RES-MTR- 1X	RESIDENTIAL	PO BOX 1122	08-00410	THOMPSON FALLS MT 59873-1122	211 GALLATIN STREET N	FULL CHARGES
100420-00	HERDEN, DAVID & VICKIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2412	08-00420	THOMPSON FALLS MT 59873-2412	212 GALLATIN STREET N	FULL CHARGES
100430-00	SHERMIKUS, RANDY		RES-MTR- 1X	RESIDENTIAL	219 N GALLATIN ST	08-00430	THOMPSON FALLS MT 59873	219 GALLATIN STREET N	FULL CHARGES

100440-00	PAVLIK, LINDE		RES-MTR- 1X	RESIDENTIAL	PO BOX 512	08-00440	THOMPSON FALLS MT 59873-0512	222 GALLATIN STREET N	FULL CHARGES
100450-00	CULLEN, SANDRA		RES-MTR- 1X	RESIDENTIAL	PO BOX 853	08-00450	THOMPSON FALLS MT 59873-0853	306 GALLATIN STREET N	FULL CHARGES
100460-00	MCKAHAN, LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1771	08-00460	THOMPSON FALLS MT 59873-1771	311 GALLATIN STREET N	FULL CHARGES
100470-00	TRAIN, ANTHONY & CHRISTINA		RES-MTR- 1X	RESIDENTIAL	4521 MT HWY 200	08-00470	THOMPSON FALLS MT 59873	312 GALLATIN STREET N	FULL CHARGES
100480-00	GREENWOOD HOLDINGS LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1405	08-00480	TROUT CREEK MT 59874-1405	317 GALLATIN STREET N	FULL CHARGES
100490-00	GROSHONG, BERNIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1764	08-00490	THOMPSON FALLS MT 59873-1764	322 GALLATIN STREET N	FULL CHARGES
100510-00	PISCITELLO, BRUCE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2168	08-00510	THOMPSON FALLS MT 59873-2168	321 GALLATIN STREET N	FULL CHARGES
100520-00	LAY, LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1477	08-00520	THOMPSON FALLS MT 59873-1477	403 GALLATIN STREET N	FULL CHARGES
100530-00	WILSON, CYNTHIA C.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1311	08-00530	THOMPSON FALLS MT 59873-1311	402 GALLATIN STREET N	FULL CHARGES
100540-00	JOHNSON, DAVID & PATRICIA		RES-MTR- 1X	RESIDENTIAL	710 PRESTON AVE W	08-00540	THOMPSON FALLS MT 59873	710 PRESTON AVENUE W	FULL CHARGES
100550-00	MOTT, ELIZABETH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1845	08-00550	THOMPSON FALLS MT 59873-1845	804 PRESTON AVENUE W	FULL CHARGES
100560-00	PARROTT, JODY R.		RES-MTR- 1X	RESIDENTIAL	5474 MONUMENT DRIVE	08-00560	GRANTS PASS OR 97526	716 PRESTON AVENUE W	FULL CHARGES
100570-00	TURK, RON		RES-MTR- 1X	RESIDENTIAL	PO BOX 88	08-00570	THOMPSON FALLS MT 59873-0088	105 MADISON STREET N	FULL CHARGES
100580-00	HILL, CAROL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1942	08-00580	THOMPSON FALLS MT 59873-1942	106 MADISON STREET N	FULL CHARGES
100590-00	HART, LYNETTE J		RES-MTR- 1X	RESIDENTIAL	39 WEBER GULCH ROAD	08-00590	THOMPSON FALLS MT 59873	110 MADISON STREET N	FULL CHARGES
100600-00	SWANSON, DANIEL G & ANITA L		RES-MTR- 1X	RESIDENTIAL	247 - 14TH STREET	08-00600	SANTA MONICA CA 90402	115 MADISON STREET N	FULL CHARGES
100610-00	COMPTON, JAMES R.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1196	08-00610	THOMPSON FALLS MT 59873-1196	114 MADISON STREET N	FULL CHARGES
100620-00	SINK, WESLEY & THERESA		RES-MTR- 1X	RESIDENTIAL	4 COUNTRY CLUB LN	08-00620	THOMPSON FALLS MT 59873	715 ODGEN AVENUE W	FULL CHARGES
100630-00	HAUN, JONATHAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2592	08-00630	THOMPSON FALLS MT 59873-2592	204 MADISON STREET N	FULL CHARGES
100640-00	PARDEE, CHAD & LEANNA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1755	08-00640	THOMPSON FALLS MT 59873-1755	203 MADISON STREET N	FULL CHARGES
100660-00	MOORE, JO ANN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1502	08-00660	THOMPSON FALLS MT 59873-1502	213 MADISON STREET N	FULL CHARGES
100670-00	WAKEFIELD, TODD E		RES-MTR- 1X	RESIDENTIAL	PO BOX 2296	08-00670	THOMPSON FALLS MT 59873-2296	212 MADISON STREET N	FULL CHARGES
100680-00	MAYFIELD, MICHELLE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2048	08-00680	THOMPSON FALLS MT 59873-2048	215 MADISON STREET N	FULL CHARGES
100690-00	HARNETT, JONATHAN O'NEIL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1756	08-00690	THOMPSON FALLS MT 59873-1756	217 MADISON STREET N	FULL CHARGES
100700-00	COX, JIM		RES-MTR- 1X	RESIDENTIAL	5041 WIND HILL COURT W	08-00700	FORT WORTH TX 76179	216 MADISON STREET N	FULL CHARGES
100710-00	EBEL, MICHAEL & LOIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 2088	08-00710	THOMPSON FALLS MT 59873-2088	224 MADISON STREET N	FULL CHARGES
100720-00	WHEELER, KELLY		RES-MTR- 1X	RESIDENTIAL	77 NORTH SHORE DR	08-00720	THOMPSON FALLS MT 59873	221 MADISON STREET N	FULL CHARGES
100730-00	VANELSWYK JR, ROBERT L & BRANDY L		RES-MTR- 1X	RESIDENTIAL	PO BOX 1452	08-00730	THOMPSON FALLS MT 59873-1452	307 MADISON STREET N	FULL CHARGES
100740-00	COX, KYLE RAY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1427	08-00740	TROUT CREEK MT 59874-1427	306 MADISON STREET N	FULL CHARGES
100750-00	BRUGGEMAN, RICK		RES-MTR- 1X	RESIDENTIAL	PO BOX 421	08-00750	THOMPSON FALLS MT 59873-0421	806 HALEY AVENUE W	FULL CHARGES
100765-00	CZERWINSKI, BEVERLY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1555	08-00765	THOMPSON FALLS MT 59873-1555	315 MADISON STREET N	FULL CHARGES
100770-00	ROHWER, MARGIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 342	08-00770	THOMPSON FALLS MT 59873-0342	314 MADISON STREET N	FULL CHARGES
100780-00	GRANT, GAIL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1571	08-00780	THOMPSON FALLS MT 59873-1571	321 MADISON STREET N	FULL CHARGES
100790-00	FRITZ, ROBERT		RES-MTR- 1X	RESIDENTIAL	PO BOX 322	08-00790	THOMPSON FALLS MT 59873-0322	327 MADISON STREET N	FULL CHARGES
100800-00	MAZUR, TOM		RES-MTR- 1X	RESIDENTIAL	PO BOX 52	08-00800	THOMPSON FALLS MT 59873-0052	324 MADISON STREET N	FULL CHARGES
100810-00	MCEWEN, ARTHUR		RES-MTR- 1X	RESIDENTIAL	PO BOX 1441	08-00810	THOMPSON FALLS MT 59873-1441	403 MADISON STREET N	FULL CHARGES
100820-00	NYMAN, NANCY SUE	%ELLEN BROWN	RES-MTR- 1X	RESIDENTIAL	PO BOX 338	08-00820	THOMPSON FALLS MT 59873-0338	710 W 3RD AVENUE	FULL CHARGES
100830-00	ABBOTT, GARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2161	08-00830	THOMPSON FALLS MT 59873-2161	408 MADISON STREET N	FULL CHARGES
100840-00	LYGHT, TRENT		RES-MTR- 1X	RESIDENTIAL	PO BOX 2015	08-00840	THOMPSON FALLS MT 59873-2015	411 MADISON STREET N	FULL CHARGES
100850-00	PARSONS, ROBERT		RES-MTR- 1X	RESIDENTIAL	PO BOX 1252	08-00850	THOMPSON FALLS MT 59873-1252	410 MADISON STREET N	FULL CHARGES
100870-00	COMMUNITY CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 426	08-00870	THOMPSON FALLS MT 59873-0426	704 PRESTON AVENUE W	FULL CHARGES
100880-00	HOPKINS, PERRY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1041	08-00880	THOMPSON FALLS MT 59873-1041	616 PRESTON AVENUE W	FULL CHARGES
100890-00	CORDERO, SUSAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2503	08-00890	THOMPSON FALLS MT 59873-2503	113 JEFFERSON STREET N	FULL CHARGES
100900-00	LUTHERAN CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 734	08-00900	THOMPSON FALLS MT 59873-0734	611 OGDEN AVENUE W	FULL CHARGES
100910-00	TRAIN PROPERTIES LLC		RES-MTR- 1X	RESIDENTIAL	4521 HIGHWAY 200	08-00910	THOMPSON FALLS MT 59873	203 JEFFERSON STREET N	FULL CHARGES
100920-00	HEAPE, CURTIS & MOLLIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2527	08-00920	THOMPSON FALLS MT 59873-2527	213 JEFFERSON STREET N	FULL CHARGES
100930-00	APPLEBY, JOSEPH P		RES-MTR- 1X	RESIDENTIAL	PO BOX 663	08-00930	THOMPSON FALLS MT 59873-0663	210 JEFFERSON STREET N	FULL CHARGES
100940-00	HUTZ, EUGENE F & SUSAN M		RES-MTR- 1X	RESIDENTIAL	PO BOX 1765	08-00940	BIG FORK MT 59911-1765	218 JEFFERSON STREET N	FULL CHARGES
100950-00	GROSSBERG, PHILL		RES-MTR- 1X	RESIDENTIAL	1615 STUART ST	08-00950	HELENA MT 59601	221 JEFFERSON STREET N	FULL CHARGES
100960-00	MCCLOY, PAT & COLLEEN		RES-MTR- 1X	RESIDENTIAL	312 W PAIRIE ST	08-00960	CAMERON MO 64429	222 JEFFERSON STREET N	FULL CHARGES
100970-00	CROWDER, ROBERT		RES-MTR- 1X	RESIDENTIAL	PO BOX 1374	08-00970	THOMPSON FALLS MT 59873-1374	611 HALEY AVENUE W	FULL CHARGES
100980-00	FRIESZ, EMMANUEL		RES-MTR- 1X	RESIDENTIAL	PO BOX 814	08-00980	THOMPSON FALLS MT 59873-0814	305 JEFFERSON STREET N	FULL CHARGES
100990-00	HAMILTON, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 871	08-00990	THOMPSON FALLS MT 59873-0871	612 HALEY AVENUE W	FULL CHARGES
101000-00	KENEADY, IDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2154	08-01000	THOMPSON FALLS MT 59873-2154	310 JEFFERSON STREET N	FULL CHARGES
101010-00	DRASZT, GARY & JOAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 157	08-01010	THOMPSON FALLS MT 59873-0157	314 JEFFERSON STREET N	FULL CHARGES
101020-00	COMMUNITY CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 426	08-01020	THOMPSON FALLS MT 59873-0426	315 JEFFERSON STREET N	FULL CHARGES
101030-00	INGRAHAM, GERALD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1151	08-01030	THOMPSON FALLS MT 59873-1151	323 JEFFERSON STREET N	FULL CHARGES
101040-00	MATES, CLARE F.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1229	08-01040	THOMPSON FALLS MT 59873-1229	318 JEFFERSON STREET N	FULL CHARGES
101050-00	ROCKWELL, RANDY ALLEN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1621	08-01050	THOMPSON FALLS MT 59873-1621	405 JEFFERSON STREET N	FULL CHARGES
101060-00	FRANKLIN, ADAM & LINDSEY		RES-MTR- 1X	RESIDENTIAL	1386 SW GATOR BOULEVARD	08-01060	BENTONVILLE AR 72713	612 3RD AVE WEST	FULL CHARGES
101070-00	LYGHT, DENNIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 501	08-01070	THOMPSON FALLS MT 59873-0501	409 JEFFERSON STREET N	FULL CHARGES
101080-00	KELLER, WILLIAM		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 1116	08-01080	THOMPSON FALLS MT 59873-1116	414 JEFFERSON STREET N	FULL CHARGES

101090-00	DWYER, KAREN		RES-MTR- 1X	RESIDENTIAL	PO BOX 553	08-01090	THOMPSON FALLS MT 59873-0553	415 JEFFERSON STREET N	FULL CHARGES
101100-00	BISHOP, MICHAEL & TERESA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1790	08-01100	THOMPSON FALLS MT 59873-1790	420 JEFFERSON STREET N	FULL CHARGES
201105-00	RAMSEY, ROBERT & EVA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2005	08-01105	THOMPSON FALLS MT 59873-2005	608 PRESTON AVENUE W	FULL CHARGES
201110-00	WESTERN MONTANA MENTAL HEALTH		RES-MTR- 1X	RESIDENTIAL	1321 WYOMING STREET	08-01110	MISSOULA MT 59801	602 PRESTON AVENUE W	FULL CHARGES
201120-00	PARKER, NOLAN & LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-01120	THOMPSON FALLS MT 59873-0032	516 PRESTON AVENUE W	FULL CHARGES
201130-00	BROWN, DAVID & KAREN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1787	08-01130	THOMPSON FALLS MT 59873-1787	110 WASHINGTON STREET	FULL CHARGES
201140-00	NOLAN, JEANEAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1747	08-01140	THOMPSON FALLS MT 59873-1747	116 WASHINGTON STREET	FULL CHARGES
201150-00	MORRIN, DIANE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1609	08-01150	THOMPSON FALLS MT 59873-1609	203 WASHINGTON STREET	FULL CHARGES
201155-00	LUTHERAN CHURCH PARSONAGE	C/O CAROL MOREHOUSE	RES-MTR- 1X	RESIDENTIAL	PO BOX 734	08-01155	THOMPSON FALLS MT 59873-0734	605 OGDEN AVENUE W	FULL CHARGES
201160-00	PARKER, NOLAN F. & LINDA L.		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-01160	THOMPSON FALLS MT 59873-0032	202 WASHINGTON STREET	FULL CHARGES
201170-00	RETTENMEIER, ROGER		RES-MTR- 1X	RESIDENTIAL	PO BOX 2176	08-01170	THOMPSON FALLS MT 59873-2176	209 WASHINGTON STREET	FULL CHARGES
201180-00	WARME REVOCABLE TRUST, CHRISTOPHER J	C/O MARSHA BOUEY	RES-MTR- 1X	RESIDENTIAL	26000 REDBLUFF DR	08-01180	CALABASAS CA 91302	208 WASHINGTON STREET	FULL CHARGES
201190-00	TRAIN PROPERTIES LLC		RES-MTR- 1X	RESIDENTIAL	4521 HIGHWAY 200	08-01190	THOMPSON FALLS MT 59873	213 WASHINGTON STREET	FULL CHARGES
201200-00	FORTIER, LUKE		RES-MTR- 1X	RESIDENTIAL	33140 S. E. HWY 34	08-01200	ALBANY OR 97322	212 WASHINGTON STREET	FULL CHARGES
201210-00	DIPPRE, KIMBERLY R		RES-MTR- 1X	RESIDENTIAL	PO BOX 1855	08-01210	THOMPSON FALLS MT 59873-1855	216 WASHINGTON STREET	FULL CHARGES
201220-00	WATTS, JULIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 264	08-01220	PLAINS MT 59859-0264	215 WASHINGTON STREET	FULL CHARGES
201230-00	SCHAEFER ENTERPRISES.		RES-MTR- 1X	RESIDENTIAL	4926 HWY 200	08-01230	THOMPSON FALLS MT 59873	221 WASHINGTON STREET	FULL CHARGES
201235-00	CREEKMORE, ALBERT & DRINDA		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 1955	08-01235	THOMPSON FALLS MT 59873-1955	220 WASHINGTON STREET	FULL CHARGES
201240-00	CREEKMORE, ALBERT & DRINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1955	08-01240	THOMPSON FALLS MT 59873-1955	511 HALEY AVENUE W	FULL CHARGES
201250-00	SCHUMACHER, KENNETH		RES-MTR- 1X	RESIDENTIAL	PO BOX 861	08-01250	THOMPSON FALLS MT 59873-0861	303 WASHINGTON STREET	FULL CHARGES
201260-00	BENBOE, CHALRES & CHERYL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1854	08-01260	THOMPSON FALLS MT 59873-1854	304 WASHINGTON STREET	FULL CHARGES
201290-00	TAYLOR, STEVEN		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 878	08-01290	THOMPSON FALLS MT 59873-0878	309 WASHINGTON STREET	FULL CHARGES
201300-00	FRANCK, SHAWN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1092	08-01300	THOMPSON FALLS MT 59873-1092	312 WASHINGTON STREET	FULL CHARGES
201310-00	LEUFKENS FAMILY LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	08-01310	THOMPSON FALLS MT 59873-1030	319 WASHINGTON STREET	FULL CHARGES
201320-00	MOSHER, ROY L		RES-MTR- 1X	RESIDENTIAL	PO BOX 208	08-01320	THOMPSON FALLS MT 59873-0208	322 WASHINGTON STREET	FULL CHARGES
201330-00	WIEGELE, JAMES L & DAGMAR R		RES-MTR- 1X	RESIDENTIAL	PO BOX 382	08-01330	THOMPSON FALLS MT 59873-0382	512 3RD AVE WEST	FULL CHARGES
201340-00	HECHTMAN, CAROLL SUE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1393	08-01340	THOMPSON FALLS MT 59873-1393	606 3RD AVE W	FULL CHARGES
201350-00	BARTELMEY, DALE & PATRICIA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1726	08-01350	THOMPSON FALLS MT 59873-1726	407 WASHINGTON STREET	FULL CHARGES
201360-00	BLOOM, DAN & WILLY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1115	08-01360	THOMPSON FALLS MT 59873-1115	410 WASHINGTON STREET	FULL CHARGES
201370-00	NICOL, BONNIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2564	08-01370	THOMPSON FALLS MT 59873-2564	413 WASHINGTON STREET	FULL CHARGES
201380-00	MOSHER, BETTY	C/O JOHN MOSHER	RES-MTR- 1X	RESIDENTIAL	PO BOX 2	08-01380	THOMPSON FALLS MT 59873-0002	419 WASHINGTON STREET	FULL CHARGES
201400-00	MOSHER, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2	08-01400	THOMPSON FALLS MT 59873-0002	425 WASHINGTON STREET	FULL CHARGES
201410-00	BRUNER, SMITH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1331	08-01410	THOMPSON FALLS MT 59873-1331	422 WASHINGTON STREET	FULL CHARGES
201420-00	FAIRBANK, STEVE & JILL		RES-MTR- 1X	RESIDENTIAL	1561 BLUE SLIDE ROAD	08-01420	THOMPSON FALLS MT 59873	502 PRESTON AVENUE W	FULL CHARGES
201430-00	CARTER JEAN ADELE & RICHARDSON STANLEY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1533	08-01430	THOMPSON FALLS MT 59873-1533	508 PRESTON AVENUE W	FULL CHARGES
201440-00	ST WILLIAMS CATHOLIC CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 186	08-01440	THOMPSON FALLS MT 59873-0186	416 PRESTON STREET	FULL CHARGES
201450-00	FAIRBANK, STEVE & JILL		RES-MTR- 1X	RESIDENTIAL	1561 BLUE SLIDE ROAD	08-01450	THOMPSON FALLS MT 59873	107 SPRUCE STREET	FULL CHARGES
201460-00	EVELETH, KARL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1481	08-01460	THOMPSON FALLS MT 59873-1481	112 SPRUCE STREET	FULL CHARGES
201470-00	RIBEIRO, RAOUL		RES-MTR- 1X	RESIDENTIAL	115 SPRUCE ST	08-01470	THOMPSON FALLS MT 59873	115 SPRUCE STREET	FULL CHARGES
201480-00	POMRENKE, DONALD & MICHAEL		RES-MTR- 1X	RESIDENTIAL	116 SPRUCE ST	08-01480	THOMPSON FALLS MT 59873	116 SPRUCE STREET	FULL CHARGES
201490-00	RIBEIRO, RAOUL A & CHARLENE A		RES-MTR- 1X	RESIDENTIAL	115 SPRUCE ST	08-01490	THOMPSON FALLS MT 59873	109 SPRUCE STREET	FULL CHARGES
201500-00	RIFFLE, CLARENCE		RES-MTR- 1X	RESIDENTIAL	204 SPRUCE ST	08-01500	THOMPSON FALLS MT 59873	204 SPRUCE STREET	FULL CHARGES
201510-00	NEWMAN, DENNIS L. & MARIE		RES-MTR- 1X	RESIDENTIAL	226 SPRUCE ST	08-01510	THOMPSON FALLS MT 59873	206 SPRUCE STREET	FULL CHARGES
201520-00	MOLZHON, BRIAN & MARIA		RES-MTR- 1X	RESIDENTIAL	207 SPRUCE ST	08-01520	THOMPSON FALLS MT 59873	207 SPRUCE STREET	FULL CHARGES
201530-00	PARDEE, HENRY TY & KIM		RES-MTR- 1X	RESIDENTIAL	PO BOX 1994	08-01530	THOMPSON FALLS MT 59873-1994	216 SPRUCE STREET	FULL CHARGES
201540-00	NEWMAN, DENNIS & MARIE		RES-MTR- 1X	RESIDENTIAL	226 SPRUCE ST	08-01540	THOMPSON FALLS MT 59873	211 SPRUCE STREET	FULL CHARGES
201543-00	HUTZ, EUGENE F & SUSAN M		RES-MTR- 1X	RESIDENTIAL	PO BOX 1765	08-01543	BIG FORK MT 59911-1765	219 SPRUCE STREET	FULL CHARGES
201545-00	HUTZ, EUGENE F & SUSAN M		RES-MTR- 1X	RESIDENTIAL	PO BOX 1765	08-01545	BIG FORK MT 59911-1765	225 SPRUCE STREET	FULL CHARGES
201550-00	FARRINGTON, RAYMOND		RES-MTR- 1X	RESIDENTIAL	PO BOX 431	08-01550	THOMPSON FALLS MT 59873-0431	220 SPRUCE STREET	FULL CHARGES
201555-00	NEWMAN, DENNIS & MARIE		RES-MTR- 1X	RESIDENTIAL	226 SPRUCE ST	08-01555	THOMPSON FALLS MT 59873	226 SPRUCE STREET	FULL CHARGES
201560-00	LAKE, DONALD & CAROL		RES-MTR- 1X	RESIDENTIAL	303 SPRUCE	08-01560	THOMPSON FALLS MT 59873	303 SPRUCE STREET	FULL CHARGES
201570-00	WARME REVOCABLE TRUST, CHRISTOPHER J	C/O MARSHA BOUEY	RES-MTR- 1X	RESIDENTIAL	26000 REDBLUFF DR	07-01570	CALABASAS CA 91302	311 SPRUCE STREET APT. A	FULL CHARGES
201574-00	WARME REVOCABLE TRUST, CHRISTOPHER J	C/O MARSHA BOUEY	RES-MTR- 1X	RESIDENTIAL	26000 REDBLUFF DR	08-01574	CALABASAS CA 91302	311 SPRUCE STREET APT. B	FULL CHARGES
201580-00	BROWN, MICHAEL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1233	08-01580	THOMPSON FALLS MT 59873-1233	317 SPRUCE STREET	FULL CHARGES
201590-00	HENSLEY, GARY L		RES-MTR- 1X	RESIDENTIAL	323 SPRUCE ST	08-01590	THOMPSON FALLS MT 59873	323 SPRUCE STREET	FULL CHARGES
201600-00	SCHOOL DISTRICT #2		EDU-2	RESIDENTIAL	206 HALEY AVE W	08-01600	THOMPSON FALLS MT 59873	315 COLUMBIA STREET N - SCHOOL - GYM 3	FULL CHARGES
201605-00	SCHOOL DISTRICT #2		SPC-VACATION RATE C	RESIDENTIAL	206 HALEY AVE W	08-01605	THOMPSON FALLS MT 59873	306 HALEY AVE W - BASKET BALL COURT	FULL CHARGES
201610-00	CLARK, ISAAC		RES-MTR- 1X	RESIDENTIAL	PO BOX 174	08-01610	THOMPSON FALLS MT 59873-0174	403 SPRUCE STREET	FULL CHARGES
201620-00	FARLAN, GLENDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 381	08-01620	THOMPSON FALLS MT 59873-0381	412 3RD AVE WEST	FULL CHARGES
201630-00	CREEKMORE, ALBERT & DRINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1955	08-01630	THOMPSON FALLS MT 59873-1955	405 SPRUCE STREET	FULL CHARGES

201640-00	OLSON, MARTHA		RES-MTR- 1X	RESIDENTIAL	PO BOX 582	08-01640	THOMPSON FALLS MT 59873-0582	410 SPRUCE STREET	FULL CHARGES
201650-00	ARRANTS, STAN & EVA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1297	08-01650	TROUT CREEK MT 59874-1297	411 SPRUCE STREET	FULL CHARGES
201655-00	ROBBINS, EVERETT		RES-MTR- 1X	RESIDENTIAL	PO BOX 1192	08-01655	THOMPSON FALLS MT 59873-1192	415 SPRUCE STREET	FULL CHARGES
201657-00	ROBBINS, EVERETT		RES-MTR- 1X	RESIDENTIAL	PO BOX 1192	08-01657	THOMPSON FALLS MT 59873-1192	417 SPRUCE STREET	FULL CHARGES
201659-00	ROBBINS, EVERETT		RES-MTR- 1X	RESIDENTIAL	PO BOX 1192	08-01659	THOMPSON FALLS MT 59873-1192	419 SPRUCE STREET	FULL CHARGES
201660-00	MINEMYER, J.		RES-MTR- 1X	RESIDENTIAL	PO BOX 985	08-01660	THOMPSON FALLS MT 59873-0985	420 SPRUCE STREET	FULL CHARGES
201665-00	BURTNETT, JAMES		RES-MTR- 1X	RESIDENTIAL	428 SPRUCE	08-01665	THOMPSON FALLS MT 59873	428 SPRUCE STREET	FULL CHARGES
201670-00	BRAY, DON		RES-MTR- 1X	RESIDENTIAL	427 SPRUCE	08-01670	THOMPSON FALLS MT 59873	427 SPRUCE STREET	FULL CHARGES
201680-00	VAUGHN, VIRGINIA		RES-MTR- 1X	RESIDENTIAL	PO BOX 112	08-01680	THOMPSON FALLS MT 59873-0112	502 4TH AVENUE W	FULL CHARGES
201690-00	MILLER DONNA		RES-MTR- 1X	RESIDENTIAL	412 W 4TH AVE	08-01690	THOMPSON FALLS MT 59873	412 4TH AVE WEST	FULL CHARGES
201710-00	GURDEN, JIMMIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2364	08-01710	THOMPSON FALLS MT 59873-2364	322 PRESTON AVENUE W	FULL CHARGES
201720-00	LEUFKENS FAMILY LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	08-01720	THOMPSON FALLS MT 59873-1030	109 COLUMBIA STREET N	FULL CHARGES
201730-00	ARRANTS, STAN & EVA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1297	08-01730	TROUT CREEK MT 59874-1297	110 COLUMBIA STREET N	FULL CHARGES
201740-00	BUCHANAN, SHERLEY & DEBORAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1570	08-01740	THOMPSON FALLS MT 59873-1570	116 COLUMBIA STREET N	FULL CHARGES
201750-00	BUCHANAN, SHERLEY & DEBORAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1570	08-01750	THOMPSON FALLS MT 59873-1570	317 OGDEN AVENUE W	FULL CHARGES
201760-00	LANZ, CAROL		RES-MTR- 1X	RESIDENTIAL	PO BOX 953	08-01760	THOMPSON FALLS MT 59873-0953	115 COLUMBIA STREET N	FULL CHARGES
201780-00	DOHERTY, JAMES & SHANNON		RES-MTR- 1X	RESIDENTIAL	997 BLUESLIDE RD	08-01780	THOMPSON FALLS MT 59873-0997	214 COLUMBIA STREET N	FULL CHARGES
201790-00	THOMAS, STEVE		RES-MTR- 1X	RESIDENTIAL	PO BOX 943	08-01790	THOMPSON FALLS MT 59873-0943	207 COLUMBIA STREET N	FULL CHARGES
201800-00	HUFF, ERNEST J & CHERYL A		RES-MTR- 1X	RESIDENTIAL	146 GAITANO DR	08-01800	PALMDALE CA 93550	213 COLUMBIA STREET N	FULL CHARGES
201810-00	TRAIN, ANTHONY & CHRISTINA		RES-MTR- 1X	RESIDENTIAL	4521 MT HWY 200	08-01810	THOMPSON FALLS MT 59873	222 COLUMBIA STREET N	FULL CHARGES
201820-00	SHERMIKAS, MARCY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1662	08-01820	THOMPSON FALLS MT 59873-1662	226 COLUMBIA STREET N	FULL CHARGES
201825-00	GRIMM, DORIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 113	08-01825	THOMPSON FALLS MT 59873-0113	405 HALEY AVENUE W	FULL CHARGES
201830-00	HALPOP, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1361	08-01830	THOMPSON FALLS MT 59873-1361	406 3RD AVE WEST	FULL CHARGES
201840-00	JONES, NATAUSHA	TORTI, MARKUS	RES-MTR- 1X	RESIDENTIAL	PO BOX 403	08-01840	THOMPSON FALLS MT 59873-0403	404 COLUMBIA STREET N	FULL CHARGES
201850-00	COBB, GARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2303	08-01850	THOMPSON FALLS MT 59873-2303	406 COLUMBIA STREET N	FULL CHARGES
201860-00	GIEGLING, JOSEPH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1734	08-01860	THOMPSON FALLS MT 59873-1734	410 COLUMBIA STREET N	FULL CHARGES
201865-00	DONALDSON, BRUCE M & LAURA C		RES-MTR- 1X	RESIDENTIAL	PO BOX 121	08-01865	THOMPSON FALLS MT 59873-0121	415 COLUMBIA STREET N	FULL CHARGES
201870-00	QUIMBY, LEINA GRACE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1302	08-01870	THOMPSON FALLS MT 59873-1302	418 COLUMBIA STREET N	FULL CHARGES
201880-00	AUSTIN, ROD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1013	08-01880	THOMPSON FALLS MT 59873-1013	428 COLUMBIA STREET N	FULL CHARGES
201890-00	KOKER, DENNIS & LISA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2507	08-01890	THOMPSON FALLS MT 59873-2507	427 COLUMBIA STREET N	FULL CHARGES
201900-00	ROBINSON, NINA		RES-MTR- 1X	RESIDENTIAL	511 N COLUMBIA	08-01900	THOMPSON FALLS MT 59873	503 COLUMBIA STREET N	FULL CHARGES
201901-00	ROBINSON, NINA		RES-MTR- 1X	RESIDENTIAL	511 N COLUMBIA	08-01901	THOMPSON FALLS MT 59873	511 COLUMBIA STREET N	FULL CHARGES
201905-00	CHENOWETH, DARRELL & SHAWNA RAE		RES-MTR- 1X	RESIDENTIAL	514 N COLUMBIA ST	08-01905	THOMPSON FALLS MT 59873	514 COLUMBIA STREET N	FULL CHARGES
201910-00	GRIMM, DORIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 113	08-01910	THOMPSON FALLS MT 59873-0113	506 COLUMBIA STREET N	FULL CHARGES
201920-00	CHENOWETH, DARRELL & SHAWNA RAE		SPC-VACATION RATE C	RESIDENTIAL	514 N COLUMBIA ST	02-019200	THOMPSON FALLS MT 59873	510 COLUMBIA STREET N	FULL CHARGES
201925-00	USDA UTILITY	C/O METTEL	EDU-1.5	RESIDENTIAL	PO BOX 7100	08-01925	NEW YORK NY 10008	518 COLUMBIA STREET N	FULL CHARGES
201930-00	USDA UTILITY	C/O METTEL	SPC-VACATION RATE C	RESIDENTIAL	PO BOX 7100	08-01930	NEW YORK NY 10008	601 COLUMBIA STREET N	FULL CHARGES
201950-00	LYGHT, DAVID & DOROTHY		RES-MTR- 1X	RESIDENTIAL	PO BOX 296	08-01950	THOMPSON FALLS MT 59873-0296	308 PRESTON AVENUE W	FULL CHARGES
201960-00	WELLS, DICK		RES-MTR- 1X	RESIDENTIAL	PO BOX 741	08-01960	THOMPSON FALLS MT 59873-0741	312 PRESTON AVENUE W	FULL CHARGES
201970-00	TRAIN PROPERTIES LLC		COM-MTR- 1X	RESIDENTIAL	4521 HIGHWAY 200	08-01970	THOMPSON FALLS MT 59873	210 PRESTON AVENUE W - DUPLEX	FULL CHARGES
201980-00	PARKER, NOLAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-01980	THOMPSON FALLS MT 59873-0032	300 PRESTON AVENUE W	FULL CHARGES
201990-00	TRAIN PROPERTIES LLC		RES-MTR- 1X	RESIDENTIAL	4521 HIGHWAY 200	08-01990	THOMPSON FALLS MT 59873	108 CEDAR STREET	FULL CHARGES
202000-00	BUCHANAN, SHERLEY & DEBORAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1570	08-02000	THOMPSON FALLS MT 59873-1570	115 CEDAR STREET	FULL CHARGES
202010-00	CARMAN, NEIL		RES-MTR- 1X	RESIDENTIAL	PO BOX 536	08-02010	THOMPSON FALLS MT 59873-0536	114 CEDAR STREET	FULL CHARGES
202020-00	BUCHANAN, SHERLEY & DEBORAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1570	08-02020	THOMPSON FALLS MT 59873-1570	309 OGDEN AVENUE W	FULL CHARGES
202030-00	NOWAK, CHRISTINE T		COM-MTR- 1X	RESIDENTIAL	PO BOX 752	08-02030	THOMPSON FALLS MT 59873-0752	202 CEDAR STREET	FULL CHARGES
202040-00	HILL, DIXIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 448	08-02040	THOMPSON FALLS MT 59873-0448	207 CEDAR STREET	FULL CHARGES
202050-00	PREVIS, ARTHUR	%TOM PREVIS	RES-MTR- 1X	RESIDENTIAL	25655 SW MTN ROAD	08-02050	WEST LINN OR 97068	216 CEDAR STREET	FULL CHARGES
202060-00	BOESPFLUG MICHAEL & HOLO MARY LYNN		RES-MTR- 1X	RESIDENTIAL	1027 ABBIE LANE	08-02060	EUGENE OR 97401	219 CEDAR STREET	FULL CHARGES
202070-00	WHITTENBURG, KEVIN & SUE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1992	08-02070	THOMPSON FALLS MT 59873-1992	211 HALEY AVENUE W	FULL CHARGES
202080-00	SCHOOL DISTRICT #2 - JR HIGH SCHOOL		EDU-3	RESIDENTIAL	206 HALEY AVE W	08-02080	THOMPSON FALLS MT 59873	212 HALEY AVE W	FULL CHARGES
202090-00	ROGERS, BARBARA		RES-MTR- 1X	RESIDENTIAL	21 BUFFALO BILL ROAD	08-02090	PLAINS MT 59859	212 3RD AVE WEST	FULL CHARGES
202100-00	BROWN, RAYMOND C		RES-MTR- 1X	RESIDENTIAL	188 THOMPSON RIVER RD.	08-02100	THOMPSON FALLS MT 59873	405 CEDAR STREET	FULL CHARGES
202105-00	WINE, LEROY & KAYLEEN		RES-MTR- 1X	RESIDENTIAL	2106 MAIN ST E	08-02105.0	THOMPSON FALLS MT 59873	411 CEDAR STREET	FULL CHARGES
202110-00	ANDERSON, JAMES E.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1711	08-02110	THOMPSON FALLS MT 59873-1711	415 CEDAR STREET	FULL CHARGES
202120-00	CREEKMORE, ALBERT & DRINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1955	08-02120	THOMPSON FALLS MT 59873-1955	419 CEDAR STREET	FULL CHARGES
202130-00	PARKER, NOLAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-02130	THOMPSON FALLS MT 59873-0032	414 CEDAR STREET	FULL CHARGES
202150-00	FLEMMER, PAUL & RHONDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1738	08-02150	THOMPSON FALLS MT 59873-1738	428 CEDAR STREET	FULL CHARGES
202160-00	SHULTZ, DANIEL G & DELLA M		RES-MTR- 1X	RESIDENTIAL	PO BOX 2201	08-02160	THOMPSON FALLS MT 59873-2201	427 CEDAR STREET	FULL CHARGES
202170-00	SCHAEFER ENTERPRISES		RES-MTR- 1X	RESIDENTIAL	4926 HIGHWAY 200	08-02170	THOMPSON FALLS MT 59873	506 CEDAR STREET	FULL CHARGES
202180-00	PULFER, CHAD		RES-MTR- 1X	RESIDENTIAL	410 AUGUSTA DR	08-02180	MISSOULA MT 59801-1324	503 CEDAR STREET	FULL CHARGES

202220-00	BORDEN, JAMES M.		RES-MTR- 1X	RESIDENTIAL	PO BOX 784	08-02220	THOMPSON FALLS MT 59873-0784	515 CEDAR STREET	FULL CHARGES
202230-00	ANDERSEN, DAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 87	08-02230	THOMPSON FALLS MT 59873-0087	522 CEDAR STREET	FULL CHARGES
202240-00	FOWLE, MICHAEL	% SANDERS COUNTY HOUSING LLC	RES-MTR- 1X	RESIDENTIAL	1710 N 4TH ST #106	08-02240	COUER D"ALENE ID 83814	202 PRESTON AVENUE W	FULL CHARGES
202250-00	PARKER NOLAN & LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-02250	THOMPSON FALLS MT 59873-0032	120 PRESTON AVENUE W	FULL CHARGES
202260-00	MILLER, DOUGLAS & CINDIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2303	08-02260	THOMPSON FALLS MT 59873-2303	112 PRESTON AVENUE W	FULL CHARGES
202270-00	SHUTTLE, STEVE		RES-MTR- 1X	RESIDENTIAL	PO BOX 364	08-02270	THOMPSON FALLS MT 59873-0364	108 PRESTON AVENUE W	FULL CHARGES
202280-00	WOLLASTON, JEFF		RES-MTR- 1X	RESIDENTIAL	PO BOX 1592	08-02280	THOMPSON FALLS MT 59873-1592	116 FERRY STREET N	FULL CHARGES
202290-00	DOWELL, JAY & TERRI		RES-MTR- 1X	RESIDENTIAL	PO BOX 942	08-02290	THOMPSON FALLS MT 59873-0942	115 FERRY STREET N	FULL CHARGES
202300-00	MAUDRONE, KATHERINE F.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1776	08-02300	THOMPSON FALLS MT 59873-1776	205 FERRY STREET N	FULL CHARGES
202310-00	MOSELEY JR, DAVID M		RES-MTR- 1X	RESIDENTIAL	PO BOX 1354	08-02310	THOMPSON FALLS MT 59873-1354	204 FERRY STREET N	FULL CHARGES
202320-00	SCOTT, ROY & TINA		RES-MTR- 1X	RESIDENTIAL	PO BOX 181	08-02320	THOMPSON FALLS MT 59873-0181	209 FERRY STREET N	FULL CHARGES
202330-00	SANFORD, KENNETH		RES-MTR- 1X	RESIDENTIAL	10604 40TH STREET	08-02330	PRINCETON MN 55371	212 FERRY STREET N	FULL CHARGES
202340-00	PEELE, JAKI		RES-MTR- 1X	RESIDENTIAL	PO BOX 1363	08-02340	THOMPSON FALLS MT 59873-1363	219 FERRY STREET N	FULL CHARGES
202350-00	TF HILL PROPERTY LLC	C/O ABBY INGRAM	RES-MTR- 1X	RESIDENTIAL	2 GEBHARDT LANE	08-02350	THOMPSON FALLS MT 59873	216 FERRY STREET N	FULL CHARGES
202360-00	ROCHELEAU, LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1208	08-02360	THOMPSON FALLS MT 59873-1208	227 FERRY STREET N	FULL CHARGES
202370-00	FRANCK, COREY & ALYSHA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2542	08-02370	THOMPSON FALLS MT 59873-2542	228 FERRY STREET N	FULL CHARGES
202380-00	JONES, BRIDGET		RES-MTR- 1X	RESIDENTIAL	304 FERRY STREET N	08-02380	THOMPSON FALLS MT 59873	304 FERRY STREET N	FULL CHARGES
202390-00	ARRANTS, STANLEY & EVA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1297	08-02390	TROUT CREEK MT 59874-1297	312 FERRY STREET N	FULL CHARGES
202410-00	ALEXANDER, SETH & SANDRA		RES-MTR- 1X	RESIDENTIAL	320 FERRY STREET N	08-02410	THOMPSON FALLS MT 59873	320 FERRY STREET N	FULL CHARGES
202440-00	CROWDER, JAMES R & SUSAN A		RES-MTR- 1X	RESIDENTIAL	326 FERRY ST	08-02440	THOMPSON FALLS MT 59873	326 FERRY STREET N	FULL CHARGES
202461-00	OXFORD, ROBYN		RES-MTR- 1X	RESIDENTIAL	403 FERRY ST	08-02461	THOMPSON FALLS MT 59873	403 FERRY STREET N	FULL CHARGES
202470-00	OXFORD, ROBYN		RES-MTR- 1X	RESIDENTIAL	403 FERRY ST	08-02470	THOMPSON FALLS MT 59873	407 FERRY STREET N	FULL CHARGES
202475-00	GILLILAND, JAMES		RES-MTR- 1X	RESIDENTIAL	408 FERRY STRRET N	08-02475	THOMPSON FALLS MT 59873	408 FERRY STREET N	FULL CHARGES
202480-00	OXFORD, ROBYN		RES-MTR- 1X	RESIDENTIAL	403 FERRY ST	08-02480	THOMPSON FALLS MT 59873	409 FERRY STREET N	FULL CHARGES
202490-00	WEDEL, MARK		RES-MTR- 1X	RESIDENTIAL	414 FERRY STREET	08-02490	THOMPSON FALLS MT 59873	414 FERRY STREET N	FULL CHARGES
202500-00	ALBANO, SETH & TASHA		RES-MTR- 1X	RESIDENTIAL	1610 BLUESLIDE RD	08-02500	THOMPSON FALLS MT 59873	413 FERRY STREET N	FULL CHARGES
202510-00	GREGORY, LISA M. & SHAYNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2005	08-02510	THOMPSON FALLS MT 59873-2005	420 FERRY STREET N	FULL CHARGES
202520-00	MCGANN, KEVIN & TRACY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1261	08-02520	THOMPSON FALLS MT 59873-1261	421 FERRY STREET N	FULL CHARGES
202530-00	PARKER, NOLAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-02530	THOMPSON FALLS MT 59873-0032	426 FERRY STREET N	FULL CHARGES
202540-00	GREENOUGH, LANA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2014	08-02540	THOMPSON FALLS MT 59873-2014	111 4TH AVE W	FULL CHARGES
202550-00	GREENWOOD, JACOB & RHIANNON		RES-MTR- 1X	RESIDENTIAL	PO BOX 2221	08-02550	THOMPSON FALLS MT 59873-2221	425 FERRY STREET N	FULL CHARGES
202580-00	SOULE, VONA		RES-MTR- 1X	RESIDENTIAL	PO BOX 202	08-02580	THOMPSON FALLS MT 59873-0202	507 FERRY STREET N	FULL CHARGES
202590-00	WRIGHT, RONALD C. SR & RONI		RES-MTR- 1X	RESIDENTIAL	PO BOX 966	08-02590	THOMPSON FALLS MT 59873-0966	518 FERRY STREET N	FULL CHARGES
202600-00	GUNDERSON, DOUGLAS K & CONNIE DEE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1203	08-02600	THOMPSON FALLS MT 59873-1203	112 4TH AVE WEST	FULL CHARGES
302610-00	PARKER, NOLAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-02610	THOMPSON FALLS MT 59873-0032	104 PRESTON AVENUE W	FULL CHARGES
302620-00	CONTRERAS, EUGENE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2285	08-02620	THOMPSON FALLS MT 59873-2285	106 GROVE STREET	FULL CHARGES
302630-00	LOWRIE, MARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 53	08-02630	THOMPSON FALLS MT 59873-0053	107 GROVE STREET	FULL CHARGES
302640-00	MAGDALENE, CHRISTINE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1279	08-02640	THOMPSON FALLS MT 59873-1279	111 GROVE STREET	FULL CHARGES
302650-00	GRIMM, DOUG		RES-MTR- 1X	RESIDENTIAL	PO BOX 1403	08-02650	THOMPSON FALLS MT 59873-1403	117 GROVE STREET	FULL CHARGES
302660-00	JOHNSON, HELEN M.C.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1172	08-02660	THOMPSON FALLS MT 59873-1172	118 GROVE STREET	FULL CHARGES
302670-00	TERRAZAS, MARC		RES-MTR- 1X	RESIDENTIAL	PO BOX 503	08-02670	THOMPSON FALLS MT 59873-0503	203 GROVE STREET	FULL CHARGES
302680-00	TORGRIMSON, DARRELL		RES-MTR- 1X	RESIDENTIAL	PO BOX 401	08-02680	THOMPSON FALLS MT 59873-0401	207 GROVE STREET	FULL CHARGES
302690-00	WHITE, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 524	08-02690	THOMPSON FALLS MT 59873-0524	206 GROVE STREET	FULL CHARGES
302700-00	WHITE, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 524	08-02700	THOMPSON FALLS MT 59873-0524	212 GROVE STREET	FULL CHARGES
302710-00	SHEETS, MARK L.		RES-MTR- 1X	RESIDENTIAL	PO BOX 551	08-02710	THOMPSON FALLS MT 59873-0551	215 GROVE STREET	FULL CHARGES
302720-00	WHITE, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 524	08-02720	THOMPSON FALLS MT 59873-0524	216 GROVE STREET	FULL CHARGES
302730-00	GRANTHAM, BOYD		RES-MTR- 1X	RESIDENTIAL	PO BOX 731	08-02730	THOMPSON FALLS MT 59873-0731	219 GROVE STREET	FULL CHARGES
302740-00	NAGY, JOHN & EVELYN		RES-MTR- 1X	RESIDENTIAL	PO BOX 961	08-02740	THOMPSON FALLS MT 59873-0961	224 GROVE STREET	FULL CHARGES
302750-00	MILLIGAN, LAWRENCE & BARBARA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1985	08-02750	THOMPSON FALLS MT 59873-1985	303 GROVE STREET	FULL CHARGES
302760-00	LOFTHUS, OBERT JR		RES-MTR- 1X	RESIDENTIAL	PO BOX 508	08-02760	THOMPSON FALLS MT 59873-0508	107 HALEY AVENUE E	FULL CHARGES
302770-00	BISHOP, TERESA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1790	08-02770	THOMPSON FALLS MT 59873-1790	309 GROVE STREET	FULL CHARGES
302780-00	BROWN, JASON D. & JENNA J.S.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1812	08-02780	THOMPSON FALLS MT 59873-1812	315 GROVE STREET	FULL CHARGES
302800-00	LOFTHUS, OBERT JR		RES-MTR- 1X	RESIDENTIAL	PO BOX 508	08-02800	THOMPSON FALLS MT 59873-0508	314 GROVE STREET	FULL CHARGES
302805-00	SCOTT, MICHAEL		RES-MTR- 1X	RESIDENTIAL	PO BOX 2171	08-02805	THOMPSON FALLS MT 59873-2171	322 GROVE STREET	FULL CHARGES
302810-00	ENGEL, RICHARD & CARLA		RES-MTR- 1X	RESIDENTIAL	PO BOX 356	08-02810	THOMPSON FALLS MT 59873-0356	323 GROVE STREET	FULL CHARGES
302815-00	KEPPNER, CYNTHIA		RES-MTR- 1X	RESIDENTIAL	PO BOX 133	08-02815	THOMPSON FALLS MT 59873-0133	326 GROVE STREET	FULL CHARGES
302820-00	MOSHER, RICHARD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1565	08-02820	THOMPSON FALLS MT 59873-1565	402 GROVE STREET	FULL CHARGES
302823-00	PATTERSON, MELVIN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1042	08-02823	THOMPSON FALLS MT 59873-1042	106 3RD AVENUE W	FULL CHARGES
302830-00	MARSDEN, TERRE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1142	08-02830	THOMPSON FALLS MT 59873-1142	410 GROVE STREET	FULL CHARGES
302840-00	MAGOFFIN, RICHARD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1381	08-02840	THOMPSON FALLS MT 59873-1381	417 GROVE STREET	FULL CHARGES
302850-00	O'NEILL, WILLIAM & MARILYN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1744	08-02850	THOMPSON FALLS MT 59873-1744	418 GROVE STREET	FULL CHARGES
302870-00	WILLIAMS, H. THOMAS		RES-MTR- 1X	RESIDENTIAL	PO BOX 1289	08-02870	THOMPSON FALLS MT 59873-1289	108 4TH AVE EAST	FULL CHARGES

302880-00	HAMMETT, CHARLES		RES-MTR- 1X	RESIDENTIAL	PO BOX 1891	08-02880	THOMPSON FALLS MT 59873-1891	427 GROVE STREET	FULL CHARGES
302890-00	DEATON, WILLIAM		RES-MTR- 1X	RESIDENTIAL	14508 - 80TH ST E	08-02890	PUYALLUP WA 98372	504 GROVE STREET	FULL CHARGES
302900-00	MILNER, PAT		RES-MTR- 1X	RESIDENTIAL	PO BOX 1253	08-02900	THOMPSON FALLS MT 59873-1253	503 GROVE STREET	FULL CHARGES
302915-00	HALL, DAVID & TRISTA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2107	08-02915	THOMPSON FALLS MT 59873-2107	510 GROVE STREET	FULL CHARGES
302930-00	CULLEN, SANDRA		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 853	08-02930	THOMPSON FALLS MT 59873-0853	517 GROVE STREET	FULL CHARGES
302940-00	SHEAR, E. W.		RES-MTR- 1X	RESIDENTIAL	PO BOX 162	08-02940	THOMPSON FALLS MT 59873-0162	527 GROVE STREET	FULL CHARGES
302950-00	HAASE, DAVE		RES-MTR- 1X	RESIDENTIAL	PO BOX 361	08-02950	THOMPSON FALLS MT 59873-0361	111 5TH AVENUE W.	FULL CHARGES
302955-00	HALL, MARY LYNN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1745	08-02955	THOMPSON FALLS MT 59873-1745	518 GROVE STREET	FULL CHARGES
302960-00	HALL, DAVID & TRISTA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2107	08-02960	THOMPSON FALLS MT 59873-2107	520 GROVE STREET	FULL CHARGES
302965-00	FROST, BEULAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1607	08-02965	TROUT CREEK MT 59874	530 GROVE STREET	FULL CHARGES
302970-00	BYERS, JOHNNY		RES-MTR- 1X	RESIDENTIAL	PO BOX 963	08-02970	THOMPSON FALLS MT 59873-0963	604 GROVE STREET	FULL CHARGES
302980-00	BRASS, LAURIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1281	08-02980	THOMPSON FALLS MT 59873-1281	601 GROVE STREET	FULL CHARGES
302990-00	TAYLOR, CLINTON		RES-MTR- 1X	RESIDENTIAL	PO BOX 43	08-02990	THOMPSON FALLS MT 59873-0043	107 GREENWOOD STREET	FULL CHARGES
303000-00	MCCUAIG, JAMES M. & JOSIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1598	08-03000	TROUT CREEK MT 59874-1598	104 GREENWOOD STREET	FULL CHARGES
303015-00	VERLANIC, LYNN R		RES-MTR- 1X	RESIDENTIAL	PO BOX 1122	08-03015	THOMPSON FALLS MT 59873-1122	117 GREENWOOD STREET	FULL CHARGES
303020-00	MCCUAIG, JAMES M. & JOSIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1598	08-03020	TROUT CREEK MT 59874-1598	116 GREENWOOD STREET - HOUSE	FULL CHARGES
303030-00	DEXTER, SHARON		RES-MTR- 1X	RESIDENTIAL	PO BOX 2196	08-03030	THOMPSON FALLS MT 59873-2196	202 GREENWOOD STREET	FULL CHARGES
303035-00	BRIGHT, CANDACE		RES-MTR- 1X	RESIDENTIAL	PO BOX 97	08-03035	HERON MT 59844	214 GREENWOOD STREET	FULL CHARGES
303037-00	KNUTSON, RODNEY A & RISHELLE O		RES-MTR- 1X	RESIDENTIAL	PO BOX 294	08-03037	THOMPSON FALLS MT 59873-0294	216 GREENWOOD STREET - SHOP	FULL CHARGES
303040-00	TAYLOR, TERESA K.	C/O TRISTAN TAYLOR	RES-MTR- 1X	RESIDENTIAL		08-03040		201 GREENWOOD STREET	FULL CHARGES
303041-00	TAYLOR, STEVE		RES-MTR- 1X	RESIDENTIAL	PO BOX 878	08-03041	THOMPSON FALLS MT 59873-0878	205 GREENWOOD STREET	FULL CHARGES
303070-00	THORPE, WANDA L.		RES-MTR- 1X	RESIDENTIAL	21 OMNIVIEW LANE	08-03070	THOMPSON FALLS MT 59873	208 HALEY AVENUE E	FULL CHARGES
303080-00	CORK, TERRY & KIM		RES-MTR- 1X	RESIDENTIAL	1005 FOYS LAKE RD APT C	08-03080	KALISPELL MT 59901	225 GREENWOOD STREET	FULL CHARGES
303090-00	LACY JERRY & NAGRONE CHARLOTTE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1408	08-03090	THOMPSON FALLS MT 59873-1408	305 GREENWOOD STREET	FULL CHARGES
303095-00	MOSHER, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2	08-03095	THOMPSON FALLS MT 59873-0002	323 GREENWOOD STREET	FULL CHARGES
303100-00	LOFTHUS, JOSHUA & GILLIAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1961	08-03100	THOMPSON FALLS MT 59873-1961	414 GREENWOOD STREET	FULL CHARGES
303121-00	RILEY, KATHI		RES-MTR- 1X	RESIDENTIAL	59355 OHLSON MOUNTAIN ROAD	08-03121	HOMER AK 99603	403 GREENWOOD STREET	FULL CHARGES
303130-00	BEITZ, VICKIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 21	08-03130	THOMPSON FALLS MT 59873-0021	424 GREENWOOD STREET	FULL CHARGES
303140-00	SCHARFE, MICHAEL & LACEY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1918	08-03140	THOMPSON FALLS MT 59873-1918	425 GREENWOOD STREET	FULL CHARGES
303145-00	GAMBREL, ROBERT D & CAROL A		RES-MTR- 1X	RESIDENTIAL	13910 N FRIELDSHIP LANE	08-03145	NINE MILE FALLS WA 99026	504 GREENWOOD STREET	FULL CHARGES
303150-00	WILLIAMS, BLANCHE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2376	08-03150	THOMPSON FALLS MT 59873-2376	505 GREENWOOD STREET	FULL CHARGES
303160-00	HAND, CHRIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 1884	08-03160	THOMPSON FALLS MT 59873-1884	511 GREENWOOD STREET	FULL CHARGES
303170-00	BLOUIN, DENNIS		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 442	03-03170	LYLE WA 98635-0442	520 GREENWOOD	FULL CHARGES
303180-00	MCGAUGHEY, MICHELLE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1612	08-03180.00	THOMPSON FALLS MT 59873-1612	508 GREENWOOD STREET	FULL CHARGES
303190-00	KEITH CHERYL A AND THORNTON SHANNON L	% ORVILLE KEITH	RES-MTR- 1X	RESIDENTIAL	PO BOX 96	08-03190	THOMPSON FALLS MT 59873-0096	517 GREENWOOD STREET	FULL CHARGES
303200-00	THOMAS, JAMES & TRACY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2385	08-03200	THOMPSON FALLS MT 59873-2385	524 GREENWOOD STREET	FULL CHARGES
303210-00	RICHMOND, LISA		RES-MTR- 1X	RESIDENTIAL	PO BOX 504	08-03210	THOMPSON FALLS MT 59873-0504	208 5TH AVE EAST	FULL CHARGES
303220-00	SHAFFORD, JED & KARRIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2471	08-03220	THOMPSON FALLS MT 59873-2471	607 GREENWOOD STREET	FULL CHARGES
303230-00	THOME, CLINT		RES-MTR- 1X	RESIDENTIAL	317 N. RIVER ST	08-03230	HAILEY ID 83333	612 GREENWOOD STREET	FULL CHARGES
303240-00	REICHERT, BETTY ANN		RES-MTR- 1X	RESIDENTIAL	PO BOX 351	08-03240	THOMPSON FALLS MT 59873-0351	105 WOODLAND STREET	FULL CHARGES
303250-00	GREAVES JAMES M. & CHADWICK LARK L.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1867	08-03250	THOMPSON FALLS MT 59873-1867	108 WOODLAND STREET	FULL CHARGES
303270-00	HILL, ROBB & ALICIA		RES-MTR- 1X	RESIDENTIAL	PO BOX 312	08-03270	THOMPSON FALLS MT 59873-0312	114 WOODLAND STREET	FULL CHARGES
303280-00	ROBIRTS, FRANK		RES-MTR- 1X	RESIDENTIAL	PO BOX 2106	08-03280	THOMPSON FALLS MT 59873-2106	117 WOODLAND STREET	FULL CHARGES
303290-00	WILLIAMS, THOMAS		RES-MTR- 1X	RESIDENTIAL	PO BOX 891	08-03290	THOMPSON FALLS MT 59873-0891	207 WOODLAND STREET	FULL CHARGES
303300-00	PARKER, NOLAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-03300	THOMPSON FALLS MT 59873-0032	211 WOODLAND STREET	FULL CHARGES
303305-00	BARRUS, TRAVIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 1866	08-03305	THOMPSON FALLS MT 59873-1866	215 WOODLAND STREET	FULL CHARGES
303310-00	BOOTHE, JUDITH & EDDIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2501	08-03310	THOMPSON FALLS MT 59873-2501	204 WOODLAND STREET	FULL CHARGES
303320-00	HOLDEN, GENEVA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1344	08-03320	THOMPSON FALLS MT 59873-1344	208 WOODLAND STREET	FULL CHARGES
303330-00	KULAWINSKI, STEPHEN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2018	08-03330	THOMPSON FALLS MT 59873-2018	212 WOODLAND STREET	FULL CHARGES
303350-00	FRANK, ROBERT & ANGELA		RES-MTR- 1X	RESIDENTIAL	PO BOX 422	08-03350	THOMPSON FALLS MT 59873-0422	222 WOODLAND STREET	FULL CHARGES
303360-00	WILSON, VICKIE SUE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1323	08-03360	THOMPSON FALLS MT 59873-1323	214 HALEY AVENUE E	FULL CHARGES
303365-00	FRATERNAL CEMETERY		RES-MTR- 1X	RESIDENTIAL	PO BOX 141	08-03365	THOMPSON FALLS MT 59873-0141	300 BLOCK WOODLAND	FULL CHARGES
303370-00	HUNTLEY, HARLEY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1434	08-03370	THOMPSON FALLS MT 59873-1434	307 3RD AVE EAST	FULL CHARGES
303380-00	STOUT, JOE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1241	08-03380	THOMPSON FALLS MT 59873-1241	403 WOODLAND STREET	FULL CHARGES
303390-00	GARCIA, ALISA & LUIS III		RES-MTR- 1X	RESIDENTIAL	15620 DUBUQUE RD	08-03390	SNOOHOMISH WA 98290	413 WOODLAND STREET	FULL CHARGES
303395-00	CLARK, STEVE		RES-MTR- 1X	RESIDENTIAL	PO BOX 223	08-03395	THOMPSON FALLS MT 59873-0223	420 WOODLAND STREET	FULL CHARGES
303400-00	DENSON, CHARLES & KRISTI		RES-MTR- 1X	RESIDENTIAL	PO BOX 722	08-03400	THOMPSON FALLS MT 59873-0722	421 WOODLAND STREET	FULL CHARGES
303410-00	WITTERS, JEAN M		SPC-VACATION RATE C	RESIDENTIAL	1801 GRANDVIEW LN	08-03410	KAUKAUNA WI 54130	427 WOODLAND STREET	FULL CHARGES
303420-00	ADAMS, ROBERT		RES-MTR- 1X	RESIDENTIAL	PO BOX 1915	08-03420	THOMPSON FALLS MT 59873-1915	428 WOODLAND STREET	FULL CHARGES
303430-00	FRANK, DOROTHY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1844	08-03430	THOMPSON FALLS MT 59873-1844	506 WOODLAND STREET	FULL CHARGES

303435-00	HOFMEISTER, ROBERT		RES-MTR- 1X	RESIDENTIAL	3093 WOODS DRIVE	08-03435	LAS VEGAS NV 89108	217 4TH AVE EAST	FULL CHARGES
303460-00	LOEWEN, LARAMIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1224	08-03460	THOMPSON FALLS MT 59873-1224	507 1/2 WOODLAND STREET	FULL CHARGES
303470-00	HEISE, RONDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 158	08-03470	THOMPSON FALLS MT 59873-0158	524 WOODLAND STREET	FULL CHARGES
303480-00	DOTY, BRYCE		RES-MTR- 1X	RESIDENTIAL	PO BOX 783	08-03480	THOMPSON FALLS MT 59873-0783	523 WOODLAND STREET	FULL CHARGES
303490-00	HART, MITZI LEE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1922	08-03490.00	THOMPSON FALLS MT 59873-1922	308 5TH AVE EAST	FULL CHARGES
303495-00	CZERWINSKI DOUGLAS J & ROPER SARA A		RES-MTR- 1X	RESIDENTIAL	PO BOX 1555	08-03495	THOMPSON FALLS MT 59873-1555	305 5TH AVE EAST	FULL CHARGES
303500-00	STIMPFLING, ELISE M		RES-MTR- 1X	RESIDENTIAL	PO BOX 1974	08-03500	THOMPSON FALLS MT 59873-1974	611 WOODLAND STREET	FULL CHARGES
303510-00	JOHNSON MARK & KIMBALL CHRISTY		RES-MTR- 1X	RESIDENTIAL	55332 HWY 121	08-03510	CROFTON NE 68730	617 WOODLAND STREET	FULL CHARGES
303520-00	CAMPBELL, GARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 91	08-03520	THOMPSON FALLS MT 59873-0091	622 WOODLAND STREET	FULL CHARGES
303530-00	TRAIN, ANTHONY & CHRISTINA		RES-MTR- 1X	RESIDENTIAL	4521 MT HWY 200	08-03530	THOMPSON FALLS MT 59873	107 CLAY STREET	FULL CHARGES
303540-00	RANDALL, MARY ANN		RES-MTR- 1X	RESIDENTIAL	304 HIBERTA STREET	08-03540	MISSOULA MT 59804	104 CLAY STREET	FULL CHARGES
303550-00	VOLKMAN, TERRY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2321	08-03550	THOMPSON FALLS MT 59873-2321	110 CLAY STREET	FULL CHARGES
303560-00	SCHAEFER ENTERPRISES		RES-MTR- 1X	RESIDENTIAL	4926 HWY 200	08-03560	THOMPSON FALLS MT 59873	204 CLAY STREET	FULL CHARGES
303580-00	HAUGHTON, JIM		RES-MTR- 1X	RESIDENTIAL	PO BOX 306	08-03580	THOMPSON FALLS MT 59873-0306	210 CLAY STREET	FULL CHARGES
303590-00	COMMERS, KENNETH	JOHNSTON, ANDREW	RES-MTR- 1X	RESIDENTIAL	2916 E. WOOLARD ROAD	03-03590	COLBERT WA 99005	201 CLAY STREET	FULL CHARGES
303600-00	BUCKLES, MARTIN & LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1833	08-03600	THOMPSON FALLS MT 59873-1833	205 CLAY STREET	FULL CHARGES
303610-00	SMITH, CLAYTON		RES-MTR- 1X	RESIDENTIAL	PO BOX 85	08-03610	THOMPSON FALLS MT 59873-0085	211 CLAY STREET	FULL CHARGES
303620-00	WILBURN, CLYDE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1832	08-03620	THOMPSON FALLS MT 59873-1832	218 CLAY STREET	FULL CHARGES
303630-00	GUNN, GERALD		RES-MTR- 1X	RESIDENTIAL	102 S. SCOTT ST.	08-03630	POST FALLS ID 83854	221 CLAY STREET	FULL CHARGES
303635-00	CHUBB, BILLIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 607	08-03635	THOMPSON FALLS MT 59873-0607	219 CLAY STREET	FULL CHARGES
303640-00	CAMPBELL, STEFANEY		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 2481	08-03640	RANCHO MIRAGE CA 92270	222 CLAY STREET	FULL CHARGES
303650-00	SWOPE, ROY & ALICE & FLOYD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1492	08-03650	THOMPSON FALLS MT 59873-1492	228 CLAY STREET	FULL CHARGES
303660-00	DODGE, RONALD L.		RES-MTR- 1X	RESIDENTIAL	PO BOX 393	08-03660	THOMPSON FALLS MT 59873-0393	225 CLAY STREET	FULL CHARGES
303670-00	BUTLER, JOHN & DONNA		RES-MTR- 1X	RESIDENTIAL	16 JOHN PETERSEN RD	08-03670	OMAK WA 98841	303 CLAY STREET	FULL CHARGES
303680-00	GOETZ, PAUL F. & VIOLA M.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1935	08-03680	THOMPSON FALLS MT 59873-1935	306 CLAY STREET	FULL CHARGES
303690-00	CARTER, LILLIAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1103	08-03690	THOMPSON FALLS MT 59873-1103	314 CLAY STREET	FULL CHARGES
303700-00	MCGUIGAN, ALBERT L		RES-MTR- 1X	RESIDENTIAL	PO BOX 51	08-03700	THOMPSON FALLS MT 59873-0051	324 CLAY STREET	FULL CHARGES
303710-00	HUNTLEY, HARLEY H.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1434	08-03710	THOMPSON FALLS MT 59873-1434	311 3RD AVE EAST	FULL CHARGES
303715-00	LANIER, LINDA L		RES-MTR- 1X	RESIDENTIAL	PO BOX 2192	08-03715	THOMPSON FALLS MT 59873-2192	405 3RD AVE E	FULL CHARGES
303718-00	KNERR, JOHN & BRIDGET		RES-MTR- 1X	RESIDENTIAL	PO BOX 1143	08-03718	THOMPSON FALLS MT 59873-1143	412 CLAY STREET	FULL CHARGES
303720-00	FRANZWA, DARLENE E.		RES-MTR- 1X	RESIDENTIAL	PO BOX 592	08-03720	THOMPSON FALLS MT 59873-0592	415 CLAY STREET	FULL CHARGES
303730-00	KNERR, JOHN & BRIDGET		RES-MTR- 1X	RESIDENTIAL	PO BOX 1143	08-03730	THOMPSON FALLS MT 59873-1143	416 CLAY STREET	FULL CHARGES
303734-00	KNERR, JOHN & BRIDGET		RES-MTR- 1X	RESIDENTIAL	PO BOX 1143	08-03734	THOMPSON FALLS MT 59873-1143	420 CLAY STREET	FULL CHARGES
303735-00	BAYLOR, CAROL		RES-MTR- 1X	RESIDENTIAL	PO BOX 281	08-03735	THOMPSON FALLS MT 59873-0281	421 CLAY STREET	FULL CHARGES
303740-00	SNELL, STEVEN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1341	08-03740	THOMPSON FALLS MT 59873-1341	427 CLAY STREET	FULL CHARGES
303750-00	MCEWEN, ARTHUR		RES-MTR- 1X	RESIDENTIAL	PO BOX 1441	08-03750	THOMPSON FALLS MT 59873-1441	428 CLAY STREET	FULL CHARGES
303760-00	CURRY, SCOTT & CELESTE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1869	08-03760	THOMPSON FALLS MT 59873-1869	509 CLAY STREET	FULL CHARGES
303770-00	CHRISTIAN, MARJORIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1071	08-03770	THOMPSON FALLS MT 59873-1071	315 4TH AVE EAST	FULL CHARGES
303780-00	JUNGE, GUNNER		RES-MTR- 1X	RESIDENTIAL	PO BOX 591	08-03780	THOMPSON FALLS MT 59873-0591	407 4TH AVE EAST	FULL CHARGES
303800-00	HEDAHL, WESLEY A.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1085	08-03800	THOMPSON FALLS MT 59873-1085	515 CLAY STREET	FULL CHARGES
303810-00	WIECKOWSKI, SHERRY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1595	08-03810	THOMPSON FALLS MT 59873-1595	520 CLAY STREET	FULL CHARGES
303820-00	BUTLER, CHARLES V & DONNA M		RES-MTR- 1X	R-APARTMENT	PO BOX 2314	08-03820	THOMPSON FALLS MT 59873-2314	521 CLAY STREET	FULL CHARGES
303830-00	HAMEL, KELLY	LOWE, ANGIE	RES-MTR- 1X	RESIDENTIAL	PO BOX 452	08-03830	THOMPSON FALLS MT 59873-0452	523 CLAY STREET	FULL CHARGES
303840-00	BARAJAS, JESU C		RES-MTR- 1X	RESIDENTIAL	PO BOX 1431	08-03840	THOMPSON FALLS MT 59873-1431	528 CLAY STREET	FULL CHARGES
303860-00	THOMPSON, GARY & JAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1698	08-03860	THOMPSON FALLS MT 59873-1698	610 CLAY STREET	FULL CHARGES
303870-00	ELLUL, MICHAEL & JAMIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2115	08-03870	THOMPSON FALLS MT 59873-2115	604 CLAY STREET	FULL CHARGES
303880-00	ANDERSON, DORA		RES-MTR- 1X	RESIDENTIAL	PO BOX 354	08-03880	THOMPSON FALLS MT 59873-0354	617 CLAY STREET	FULL CHARGES
303890-00	HART, MARSHA LYNN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1521	08-03890	THOMPSON FALLS MT 59873-1521	614 CLAY STREET	FULL CHARGES
303900-00	VICK, KENNETH & PHYLLIS	% PEGGY BATES	RES-MTR- 1X	RESIDENTIAL	4362 ROAD X SE	08-03900	WARDEN WA 98857	622 CLAY STREET	FULL CHARGES
303910-00	HERREID, TODD & ANITA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2497	08-03910	THOMPSON FALLS MT 59873-2497	625 CLAY STREET	FULL CHARGES
303921-00	CONWAY, RICHARD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1152	08-03921	THOMPSON FALLS MT 59873-1152	626 CLAY STREET	FULL CHARGES
303930-00	HAMEL, RON		RES-MTR- 1X	RESIDENTIAL	PO BOX 751	08-03930	THOMPSON FALLS MT 59873-0751	202 CHURCH STREET	FULL CHARGES
303940-00	DYKSTRA, DAVID		RES-MTR- 1X	RESIDENTIAL	PO BOX 173	08-03940	THOMPSON FALLS MT 59873-0173	201 CHURCH STREET	FULL CHARGES
303950-00	PARDEE, CHAD & LEANNA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1755	08-03950	THOMPSON FALLS MT 59873-1755	208 CHURCH STREET	FULL CHARGES
303960-00	SAINT, STEVEN G. & BARBARA L.		RES-MTR- 1X	RESIDENTIAL	8 RACOON LANE	08-03960	THOMPSON FALLS MT 59873	214 CHURCH STREET	FULL CHARGES
303970-00	LILLY, MICHAEL		RES-MTR- 1X	RESIDENTIAL	PO BOX 2036	08-03970	THOMPSON FALLS MT 59873-2036	207 CHURCH STREET	FULL CHARGES
303990-00	PENTECOSTAL CHURCH OF GOD		RES-MTR- 1X	RESIDENTIAL	PO BOX 1094	08-03990	THOMPSON FALLS MT 59873-1094	414 HALEY AVENUE E	FULL CHARGES
304000-00	VOLD, JOY NICOLE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1864	08-04000	THOMPSON FALLS MT 59873-1864	307 CHURCH STREET	FULL CHARGES
304010-00	CHRISTIAN CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 33	08-04010	THOMPSON FALLS MT 59873-0033	306 CHURCH STREET	FULL CHARGES
304020-00	KEEFE, RHODA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1681	08-04020	THOMPSON FALLS MT 59873-1681	313 CHURCH STREET	FULL CHARGES
304030-00	YODER, JOEL & ERMA		SPC-VACATION RATE C	RESIDENTIAL	30 BARRY LANE	08-04030	NOXON MT 59853	318 CHURCH STREET	FULL CHARGES

304040-00	HAMILTON, JUNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 832	08-04040	THOMPSON FALLS MT 59873-0832	319 CHURCH STREET	FULL CHARGES
304050-00	PARDEE, CHAD & LEANNA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1755	08-04050	THOMPSON FALLS MT 59873-1755	330 CHURCH STREET	FULL CHARGES
304060-00	EPPERSON, ZACHARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2274	08-04060	THOMPSON FALLS MT 59873-2274	403 CHURCH STREET	FULL CHARGES
304080-00	SNIDER, JOHN & ROSA		RES-MTR- 1X	RESIDENTIAL	6810 KITTITAS HWY	08-04080	ELLENSBURG WA 98926-6810	408 CHURCH STREET	FULL CHARGES
304090-00	STONE, EILEEN	C/O DE ANN STONE-HAMMOND	RES-MTR- 1X	RESIDENTIAL	12 WEST ROSEBUD RD	08-04090	FISHTAIL MT 59028	415 CHURCH STREET	FULL CHARGES
304111-00	WILSON, JOHN & MELISSA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1997	08-04111	THOMPSON FALLS MT 59873-1997	426 CHURCH STREET	FULL CHARGES
304115-00	LACY, GLENN		RES-MTR- 1X	RESIDENTIAL	PO BOX 103	08-04115	THOMPSON FALLS MT 59873-0103	511 4TH AVE EAST	FULL CHARGES
304120-00	BURRELL, DON		RES-MTR- 1X	RESIDENTIAL	PO BOX 455	08-04120	THOMPSON FALLS MT 59873-0455	504 CHURCH STREET	FULL CHARGES
304130-00	FARGHER, RICHARD AND VALERIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1573	08-04130	THOMPSON FALLS MT 59873-1573	509 CHURCH STREET	FULL CHARGES
304135-00	ELLIOTT, GEORGE & LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 884	08-04135	THOMPSON FALLS MT 59873-0884	511 CHURCH STREET	FULL CHARGES
304140-00	GARRETT, CRAIG		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 182	08-04140	LOMPOC CA 93438	512 CHURCH STREET	FULL CHARGES
304150-00	MERRIMAN, TROY & APRIL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1946	08-04150	THOMPSON FALLS MT 59873-1946	519 CHURCH STREET	FULL CHARGES
304170-00	FRANCK, BRANDEN & ERICA		RES-MTR- 1X	RESIDENTIAL	PO BOX 674	08-04170	THOMPSON FALLS MT 59873-0674	507 5TH AVE EAST	FULL CHARGES
304180-00	DELONG, PAUL & DONNA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1238	08-04180	THOMPSON FALLS MT 59873-1238	603 CHURCH STREET	FULL CHARGES
304190-00	SPARKS, DAVID G.		RES-MTR- 1X	RESIDENTIAL	PO BOX 491	08-04190	THOMPSON FALLS MT 59873-0491	610 CHURCH STREET	FULL CHARGES
304195-00	SHARP, GREG		RES-MTR- 1X	RESIDENTIAL	PO BOX 2028	08-04195	THOMPSON FALLS MT 59873-2028	609 CHURCH STREET	FULL CHARGES
304200-00	KELLY, TIMOTHY J		RES-MTR- 1X	RESIDENTIAL	PO BOX 1797	08-04200	THOMPSON FALLS MT 59873-1797	617 CHURCH STREET	FULL CHARGES
304210-00	BENNETT DAVE - SALEESH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1027	08-04210	THOMPSON FALLS MT 59873-1027	510 BIGHORN DRIVE	FULL CHARGES
304220-00	BENNETT DAVID - MOUNTAIN HOUSE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1027	08-04220	THOMPSON FALLS MT 59873-1027	507 BIGHORN DRIVE	FULL CHARGES
304220-M1	BENNETT DAVE - MOUNTAIN HOUSE		NONE	RESIDENTIAL	PO BOX 1027	08-0422001	THOMPSON FALLS MT 59873-1027	507 BIGHORN DRIVE	FULL CHARGES
304220-M2	BENNETT DAVE - MOUNTAIN HOUSE		NONE	RESIDENTIAL	PO BOX 1027	08-0422002	THOMPSON FALLS MT 59873-1027	507 BIGHORN DRIVE	FULL CHARGES
304225-00	FARRINGTON, HAROLD		RES-MTR- 1X	RESIDENTIAL	PO BOX 8	08-04225	THOMPSON FALLS MT 59873-0008	525 BIGHORN DRIVE	FULL CHARGES
304230-00	WADSWORTH, LARRY		RES-MTR- 1X	RESIDENTIAL	PO BOX 253	08-04230	THOMPSON FALLS MT 59873-0253	530 BIGHORN DRIVE	FULL CHARGES
304240-00	PARKS, DAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2525	08-04240	THOMPSON FALLS MT 59873-2525	538 BIGHORN DRIVE	FULL CHARGES
304246-00	ROBINSON, DUSTIN & CHRISTINE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1093	08-04246	THOMPSON FALLS MT 59873-1093	549 BIGHORN DRIVE	FULL CHARGES
304250-00	DERENBURGER LONNA & ROBERTS RANDY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1134	08-04250	THOMPSON FALLS MT 59873-1134	546 BIGHORN DRIVE	FULL CHARGES
304253-00	DARBY JR, ORVILLE L		RES-MTR- 1X	RESIDENTIAL	PO BOX 334	08-04253	THOMPSON FALLS MT 59873-0334	102 KOO KOO SINT COURT	FULL CHARGES
304257-00	MCEWEN, ARTHUR		RES-MTR- 1X	RESIDENTIAL	PO BOX 1441	08-04257	THOMPSON FALLS MT 59873-1441	205 KANIKSU CT	FULL CHARGES
304260-00	HOEKEMA, STAN & EMERYL		RES-MTR- 1X	RESIDENTIAL	PO BOX 445	08-04260	THOMPSON FALLS MT 59873-0445	104 KOOKOO SINT COURT	FULL CHARGES
304261-00	CORK, COURTNEY B		RES-MTR- 1X	RESIDENTIAL	PO BOX 283	08-04261	THOMPSON FALLS MT 59873-0283	105 KANIKSU CT	FULL CHARGES
304262-00	HAWKINS, GLENN & DONNA	JENNA HAWKINS	RES-MTR- 1X	RESIDENTIAL	PO BOX 2540	08-04262	THOMPSON FALLS MT 59873-2540	605 BIGHORN DRIVE	FULL CHARGES
304264-00	TURK, CAROL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1932	08-04264	THOMPSON FALLS MT 59873-1932	101 KOOKOO SINT COURT	FULL CHARGES
304266-00	MEYERS, JEREMY & ALICIA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2023	08-04266	THOMPSON FALLS MT 59873-2023	108 KANIKSU CT	FULL CHARGES
304267-00	VAUGHT, KEVIN		RES-MTR- 1X	RESIDENTIAL	PO BOX 533	08-04267	THOMPSON FALLS MT 59873-0533	106 KANIKSU CT	FULL CHARGES
304268-00	EGGENSPERGER, TOM		RES-MTR- 1X	RESIDENTIAL	PO BOX 221	08-04268	THOMPSON FALLS MT 59873-0221	102 KANIKSU CT	FULL CHARGES
304280-00	KEPPNER, THOMAS & MILDRED		RES-MTR- 1X	RESIDENTIAL	PO BOX 404	07-04280	THOMPSON FALLS MT 59873-0404	610 BIGHORN DRIVE	FULL CHARGES
304290-00	CASTILLO, STEPHANIE		RES-MTR- 1X	RESIDENTIAL	226 SOUTH TRAIL	07-04290	FLORENCE MT 59833	106 BIG BUCK DRIVE	FULL CHARGES
304310-00	NEAL, GERALD & DONNA		RES-MTR- 1X	RESIDENTIAL	PO BOX 908	07-04310	THOMPSON FALLS MT 59873-0908	777 GRIZZLY DRIVE	FULL CHARGES
313110-00	WILSON, GLENN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1273	08-13110	THOMPSON FALLS MT 59873-1273	611 GRIZZLY DRIVE	FULL CHARGES
313130-00	MILNER, LARRY & THERESA		RES-MTR- 1X	RESIDENTIAL	PO BOX 243	08-13130	THOMPSON FALLS MT 59873-0243	600 GRIZZLY DRIVE	FULL CHARGES
313140-00	TALLANT DAVID L & DRESSEL LAURA		RES-MTR- 1X	RESIDENTIAL	PO BOX 781	08-13140	THOMPSON FALLS MT 59873-0781	555 GRIZZLY DRIVE	FULL CHARGES
313150-00	HINCK, TROY & ALICE		RES-MTR- 1X	RESIDENTIAL	P.O. BOX 1501	08-13150	THOMPSON FALLS MT 59873-1501	551 GRIZZLY DRIVE	FULL CHARGES
313160-00	GREENWELL, GREGORY & APRIL		RES-MTR- 1X	RESIDENTIAL	PO BOX 506	08-13160	THOMPSON FALLS MT 59873-0506	556 GRIZZLY DRIVE	FULL CHARGES
313170-00	BRUSE, PATRICK M		RES-MTR- 1X	RESIDENTIAL	PO BOX 822	08-13170	THOMPSON FALLS MT 59873-0822	543 GRIZZLY DRIVE	FULL CHARGES
313171-00	HAMILTON, JONATHAN G.		RES-MTR- 1X	RESIDENTIAL	PO BOX 542	08-13171	THOMPSON FALLS MT 59873-0542	542 GRIZZLEY DRIVE	FULL CHARGES
313210-00	MEAGHER, GARY SR & GLORIA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1251	08-13210	THOMPSON FALLS MT 59873-1251	537 GRIZZLY DRIVE	FULL CHARGES
313215-00	WEBSTER KELLY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2432	08-13215	THOMPSON FALLS MT 59873-2432	525 GRIZZLY DRIVE	FULL CHARGES
313220-00	BOON, BLAKE E		RES-MTR- 1X	RESIDENTIAL	PO BOX 631	08-13220	THOMPSON FALLS MT 59873-0631	511 GRIZZLY DRIVE	FULL CHARGES
313400-00	CURRY, DONNA J.		RES-MTR- 1X	RESIDENTIAL	PO BOX 2553	08-13400	THOMPSON FALLS MT 59873-2553	504 GRIZZLY DRIVE	FULL CHARGES
313420-00	HADDIX, JEFFREY L & PATRICIA G		RES-MTR- 1X	RESIDENTIAL	PO BOX 2076	08-13420	THOMPSON FALLS MT 59873-2076	520 GRIZZLEY DRIVE	FULL CHARGES
404270-00	DAHLKE, GARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1210	08-04270	THOMPSON FALLS MT 59873-1210	511 5TH AVE EAST	FULL CHARGES
404280-00	BARTLETT, ROLAND E & WHITNEY N		RES-MTR- 1X	RESIDENTIAL	PO BOX 2105	08-042801	THOMPSON FALLS MT 59873-2105	533 MAPLE STREET	FULL CHARGES
404290-00	LEIVESTAD, RUSSLYN A		RES-MTR- 1X	RESIDENTIAL	PO BOX 2404	08-042901	THOMPSON FALLS MT 59873-2404	534 MAPLE STREET	FULL CHARGES
404300-00	KINKADE, RUSTY		RES-MTR- 1X	RESIDENTIAL	PO BOX 726	08-04300	THOMPSON FALLS MT 59873-0726	526 MAPLE STREET	FULL CHARGES
404305-00	KUMP, CORY & REBEKAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 954	08-04305	THOMPSON FALLS MT 59873-0954	512 5TH AVENUE E	FULL CHARGES
404310-00	BRIGHAM, DEBRA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1016	08-043101	THOMPSON FALLS MT 59873-1016	514 5TH AVE EAST	FULL CHARGES
404320-00	MOREHOUSE, GARY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1214	08-04320	THOMPSON FALLS MT 59873-1214	520 MAPLE STREET	FULL CHARGES
404330-00	LINDSAY, MATTHEW & ARLENE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2468	08-04330	THOMPSON FALLS MT 59873-2468	515 MAPLE STREET	FULL CHARGES
404440-00	RYDER, MICHAEL & JULEAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 2012	08-04440	THOMPSON FALLS MT 59873-2012	215 ADAMS STREET	FULL CHARGES
404450-00	VULLES, MICHAEL B		NONE	RESIDENTIAL	PO BOX 74	08-04450	THOMPSON FALLS MT 59873-0074	216 ADAMS STREET	FULL CHARGES
404460-00	STOVER, JEREMY & SARAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1073	08-04460	THOMPSON FALLS MT 59873-1073	221 ADAMS STREET	FULL CHARGES
404470-00	ARRANTS STAN & EVA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1297	08-04470	TROUT CREEK MT 59874-1297	608 HALEY AVENUE E	FULL CHARGES

404480-00	THORNHILL, ROBERT & BRENDA		RES-MTR- 1X	RESIDENTIAL	3048 MT HIGHWAY 200	08-04480	TROUT CREEK MT 59874	514 HALEY AVENUE E	FULL CHARGES
404490-00	LA FRINIERE, JOYCE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1332	08-04490	THOMPSON FALLS MT 59873-1332	305 ADAMS STREET	FULL CHARGES
404500-00	SHARP, RONALD & BONNIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 92	08-04500	THOMPSON FALLS MT 59873-0092	607 HALEY AVENUE E	FULL CHARGES
404505-00	SHARP RONALD & BONNIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 92	08-04505	THOMPSON FALLS MT 59873-0092	308 ADAMS STREET	FULL CHARGES
404510-00	HARRIS, TOM		RES-MTR- 1X	RESIDENTIAL	PO BOX 1741	08-04510	THOMPSON FALLS MT 59873-1741	317 ADAMS STREET	FULL CHARGES
404520-00	TAYLOR, JANE		RES-MTR- 1X	RESIDENTIAL	PO BOX 211	08-04520	THOMPSON FALLS MT 59873-0211	329 ADAMS STREET	FULL CHARGES
404530-00	CLARK, ROBERT & RICKI		RES-MTR- 1X	RESIDENTIAL	1101 ALAMEDA DR	08-04530	JACKSONVILLE TX 75766	409 ADAMS STREET	FULL CHARGES
404540-00	ALDERETE, ANGELO & SABRE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1464	08-04540	THOMPSON FALLS MT 59873-1464	708 HALEY AVENUE E	FULL CHARGES
404550-00	PETRIE, RON & ELIZABETH		RES-MTR- 1X	RESIDENTIAL	21 STARLOOKER LANE	08-04550	THOMPSON FALLS MT 59873	102 GOLF STREET	FULL CHARGES
404560-00	FEWKES, DOUGLAS & SUEANNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1305	08-04560	THOMPSON FALLS MT 59873-1305	106 GOLF STREET	FULL CHARGES
404570-00	SHARP, RONALD		RES-MTR- 1X	RESIDENTIAL	PO BOX 92	08-04570	THOMPSON FALLS MT 59873-0092	109 GOLF STREET	FULL CHARGES
404580-00	WILLIAMS, ROBERT E.		RES-MTR- 1X	RESIDENTIAL	PO BOX 273	08-04580	THOMPSON FALLS MT 59873-0273	108 GOLF STREET	FULL CHARGES
404590-00	THE CHURCH OF JESUS CHRIST OF LATTER-DAY SANITS	THOMPSON FALLS 5028000	EDU-2	RESIDENTIAL	PO BOX 182764	08-04590	COLUMBUS OH 43218-2764	210 GOLF STREET	FULL CHARGES
404600-00	DZIERGAS, EDWARD & MELINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 661	08-04600	THOMPSON FALLS MT 59873-0661	306 GOLF STREET	FULL CHARGES
404605-00	BOUKAL, RUDOLF GEORG		RES-MTR- 1X	RESIDENTIAL	PO BOX 1937	08-04605	THOMPSON FALLS MT 59873-1937	307 GOLF STREET	FULL CHARGES
404610-00	KELLEY, ROBERT W.		RES-MTR- 1X	RESIDENTIAL	PO BOX 363	08-04610	THOMPSON FALLS MT 59873-0363	310 GOLF STREET	FULL CHARGES
404620-00	PAINTER, WINIFRED M		RES-MTR- 1X	RESIDENTIAL	PO BOX 54	08-04620	THOMPSON FALLS MT 59873-0054	211 EDDY STREET	FULL CHARGES
404640-00	SCHOOL DISTRICT #2 - HIGH SCHOOL		EDU-3	RESIDENTIAL	206 HALEY AVE W	08-04640	THOMPSON FALLS MT 59873	601 GOLF STREET	FULL CHARGES
404645-00	BOWDINO LAND LLC		RES-MTR- 1X	RESIDENTIAL	% NADINE NELSON, PO BOX 1633	08-04645	THOMPSON FALLS MT 59873-1633	1199 BEARPAW TRAIL	FULL CHARGES
404650-00	PHILLIPS, JEFFREY & DEBORAH		RES-MTR- 1X	RESIDENTIAL	PO BOX 1260	08-04650	THOMPSON FALLS MT 59873-1260	101 HILL STREET	FULL CHARGES
404658-00	CLARK STEVE		RES-MTR- 1X	RESIDENTIAL	PO BOX 223	08-04658	THOMPSON FALLS MT 59873-0223	102 HILL STREET	FULL CHARGES
404660-00	FIELDS, JIM & DEBRA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1201	08-04660	THOMPSON FALLS MT 59873-1201	107 HILL STREET	FULL CHARGES
404670-00	MCQUEEN, KENNETH K. & DONNA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2422	08-04670	THOMPSON FALLS MT 59873-2422	111 HILL STREET	FULL CHARGES
404680-00	LACY, GLENN		RES-MTR- 1X	RESIDENTIAL	PO BOX 103	08-04680	THOMPSON FALLS MT 59873-0103	116 HILL STREET	FULL CHARGES
404700-00	FAUSETT JADE & FAUSETT SCARLETT		RES-MTR- 1X	RESIDENTIAL	PO BOX 644	08-04700	THOMPSON FALLS MT 59873-0644	105 ELK STREET	FULL CHARGES
404710-00	CRAIG, FRANCIS & MARLENE		RES-MTR- 1X	RESIDENTIAL	PO BOX 999	08-04710	THOMPSON FALLS MT 59873-0999	104 ELK STREET	FULL CHARGES
404720-00	RELLER, PEGGY		RES-MTR- 1X	RESIDENTIAL	PO BOX 413	08-04720	THOMPSON FALLS MT 59873-0413	111 ELK STREET	FULL CHARGES
404730-00	MARTIN STEPHANIE L & LLYR KRISTIN M		RES-MTR- 1X	RESIDENTIAL	PO BOX 544	08-04730	THOMPSON FALLS MT 59873-0544	108 ELK STREET	FULL CHARGES
404740-00	JOHNSTON, SANFORD L. & LILA A.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1202	08-04740	THOMPSON FALLS MT 59873-1202	115 ELK STREET	FULL CHARGES
404750-00	KAZMIERCZAK, RONALD V. & SANDRA L.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1000	08-04750	THOMPSON FALLS MT 59873-1000	116 ELK STREET	FULL CHARGES
404760-00	WAKEFIELD, LARRY & LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1357	08-04760	THOMPSON FALLS MT 59873-1357	118 ELK STREET	FULL CHARGES
404770-00	OWENS, SHAUNA J		RES-MTR- 1X	RESIDENTIAL	PO BOX 1414	08-04770	THOMPSON FALLS MT 59873-1414	119 ELK STREET	FULL CHARGES
404780-00	WOODEN, ANN M		RES-MTR- 1X	RESIDENTIAL	PO BOX 1686	08-04780	THOMPSON FALLS MT 59873-1686	123 ELK STREET	FULL CHARGES
404785-00	SPAULDING, ROBERT K		COM-MTR- 1X	RESIDENTIAL	PO BOX 1326	08-04785	TROUT CREEK MT 59874-1326	202 204 BOULDER AVENUE	FULL CHARGES
404786-03	IRGENS, JAMES		COM-MTR- 1X	RESIDENTIAL	PO BOX 194	08-04786	NOXON MT 59853-0194	206 208 BOULDER AVENUE	FULL CHARGES
404790-00	DVOROZNAK, DONALD S.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1750	08-04790	THOMPSON FALLS MT 59873-1750	122 ELK STREET	FULL CHARGES
404800-00	TRAIN, ANTHONY		RES-MTR- 1X	RESIDENTIAL	4521 MONTANA HIGHWAY 200	08-04800	THOMPSON FALLS MT 59873	212 BOULDER AVENUE	FULL CHARGES
404810-00	JOHNSON, ROBERT		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 2008	08-04810	THOMPSON FALLS MT 59873-2008	218 BOULDER AVENUE	FULL CHARGES
404820-00	HUMMEL, CATHERINE	JOHNSON, ROBERT	RES-MTR- 1X	RESIDENTIAL	PO BOX 2008	08-04820	THOMPSON FALLS MT 59873-2008	219 BOULDER AVENUE	FULL CHARGES
404840-00	VAN HUSS, MARK & ANDREA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1223	08-04840	THOMPSON FALLS MT 59873-1223	226 BOULDER AVENUE	FULL CHARGES
404850-00	MCJUNKIN, DANIEL & MELISSA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1607	08-04850.00	THOMPSON FALLS MT 59873-1607	225 BOULDER AVENUE	FULL CHARGES
404855-00	HARPER, RITA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2593	08-04855	THOMPSON FALLS MT 59873-2593	229 BOULDER AVENUE	FULL CHARGES
404857-00	ROBBINS FAMILY TRUST	C/O DAVE & RUTH ROBBINS	RES-MTR- 1X	RESIDENTIAL	6740 SUNSET CIRCLE	07-04857	RIVERSIDE CA 92505-6740	848 HALEY AVENUE E	FULL CHARGES
404860-00	LANTZ, LESLIE D & JOANN		RES-MTR- 1X	RESIDENTIAL	PO BOX 2017	08-04860	THOMPSON FALLS MT 59873-2017	908 HALEY AVENUE E	FULL CHARGES
404870-00	LOYA, ATANACIO		RES-MTR- 1X	RESIDENTIAL	PO BOX 552	08-04870	THOMPSON FALLS MT 59873-0552	916 HALEY AVENUE E	FULL CHARGES
404880-00	WHITE, LARRY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1821	08-04880	THOMPSON FALLS MT 59873-1821	922 HALEY AVENUE E	FULL CHARGES
404882-00	LYONS, RICHARD & KYLA		RES-MTR- 1X	RESIDENTIAL	PO BOX 681	08-04882.00	THOMPSON FALLS MT 59873-0681	926 HALEY AVE E	FULL CHARGES
404883-00	GRIFFITHS, HUGH & SUSAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 863	08-04883	THOMPSON FALLS MT 59873-0863	905 HALEY AVENUE E	FULL CHARGES
404885-00	MAJERUS, GERARD & YVETTE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2042	08-04885	THOMPSON FALLS MT 59873-2042	925 HALEY AVENUE E	FULL CHARGES
404890-00	CHEESMAN HENRY	BENZEL JOAN &	RES-MTR- 1X	RESIDENTIAL	PO BOX 1373	08-04890	THOMPSON FALLS MT 59873-1373	104 EDDY STREET	FULL CHARGES
404900-00	LEUFKENS, BUDDY J & JUDY A		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	07-04900	THOMPSON FALLS MT 59873-1030	105 EDDY STREET	FULL CHARGES
404904-00	SCHOOL DISTRICT #2 - HIGH SCHOOL - NEW ADDITION		RES-MTR- 1X	RESIDENTIAL	206 HALEY AVE W	08-04904	THOMPSON FALLS MT 59873	601 1/2 GOLF STREET	FULL CHARGES
410900-00	FARLAN, MICAH & DARCY		RES-MTR- 1X	RESIDENTIAL	PO BOX 414	08-10900	THOMPSON FALLS MT 59873-0414	610 ASPEN CT	FULL CHARGES
504900-00	THOMPSON FALLS RURAL FIRE HALL		RES-MTR- 1X	RESIDENTIAL	PO BOX 698	08-049001	THOMPSON FALLS MT 59873-0698	1811 MAIN STREET W	FULL CHARGES
504910-00	BLACKFOOT TELEPHONE COOPERATIVE	ATTN.: ACCOUNTS PAYABLE	COM-MTR- 1X	COMMERCIAL	PO BOX 16600	08-04910	MISSOULA MT 59808	1805 MAIN STREET W	FULL CHARGES
504920-00	MUSTER, JOHN & SANDRA - SHOP		RES-MTR- 1X	RESIDENTIAL	PO BOX 696	08-04920	THOMPSON FALLS MT 59873-0696	1705 MAIN STREET W	FULL CHARGES
504930-00	MUSTER, JOHN & SANDRA		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 696	01-04930	THOMPSON FALLS MT 59873-0696	1715 MAIN STREET W	FULL CHARGES
504940-00	MUSTER'S SHOP	MUSTER JOHN	COM-MTR- 1X	COMMERCIAL	PO BOX 696	08-04940	THOMPSON FALLS MT 59873-0696	1709 MAIN STREET W	FULL CHARGES
504954-00	THOMPSON FALLS AMBULANCE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1055	08-04954	THOMPSON FALLS MT 59873-1055	1520 MAIN STREET W	FULL CHARGES
504955-00	US POSTAL SERVICE		EDU-1.5	COMMERCIAL	1611 MAIN STREET	08-04955	THOMPSON FALLS MT 59873	1611 MAIN STREET W	FULL CHARGES

504965-00	THOMPSON FALLS MEDICAL CLINIC		EDU-1.5	COMMERCIAL	PO BOX 768	08-04965	PLAINS MT 59859-0768	120 POND STREET S	FULL CHARGES
504975-00	WHITEFISH CREDIT UNION		EDU-1.5	RESIDENTIAL	PO BOX 758	08-04975	THOMPSON FALLS MT 59873-0758	107 POND STREET S - CU	FULL CHARGES
504990-00	TOWN PUMP INC.		EDU-1	COMMERCIAL	PO BOX 6000	08-04990	BUTTE MT 59702-6000	1301 MAIN STREET W	FULL CHARGES
505000-00	THOMPSON FALLS FAMILY PHARMACY		COM-MTR- 1X	COMMERCIAL	PO BOX 1059	08-05000	THOMPSON FALLS MT 59873	1221 MAIN STREET W	FULL CHARGES
505015-00	HARMON, TRENTON & SARAH		COM-MTR- 1X	COMMERCIAL	PO BOX 1536	08-05015	THOMPSON FALLS MT 59873-1536	1219 MAIN STREET W	FULL CHARGES
505020-00	FIRST AMERICAN TITLE CO.		COM-MTR- 1X	COMMERCIAL	PO BOX 580	08-05020	BLACKFOOT ID 83221	1211 MAIN STREET W	FULL CHARGES
505030-00	THOMPSON FALLS FEED & FUEL LLP	JOHN & BARB MOSHER	COM-MTR- 1X	COMMERCIAL	PO BOX 26	08-05030	THOMPSON FALLS MT 59873-0026	1201 MAIN STREET W	FULL CHARGES
505040-00	SANDERS CO CLERK & RECORDER		EDU-2	COMMERCIAL	PO BOX 519	08-05040	THOMPSON FALLS MT 59873-0519	1111 MAIN STREET W	FULL CHARGES
505050-00	JOHNSON, RODNEY K.	% CLARK FORK TITLE, INC.	COM-MTR- 1X	COMMERCIAL	PO BOX 9	08-05050	THOMPSON FALLS MT 59873-0009	1037 MAIN STREET W	FULL CHARGES
505060-00	REX'S THEATER	DOUG'S TOWING AND AUTO INC.	COM-MTR- 1X	COMMERCIAL	PO BOX 1403	08-05060	THOMPSON FALLS MT 59873-1403	1033 MAIN STREET W	FULL CHARGES
505070-00	CLARK FORK TITLE INC.		EDU-1	COMMERCIAL	PO BOX 9	08-05070	THOMPSON FALLS MT 59873-0009	1029 MAIN STREET W	FULL CHARGES
505080-00	BLACKFOOT TELEPHONE COOPERATIVE	ATTN.: ACCOUNTS PAYABLE	COM-MTR- 1X	COMMERCIAL	PO BOX 16600	08-05080	MISSOULA MT 59808	1025 MAIN STREET W	FULL CHARGES
505090-00	EGGENSPERGER, TOM		COM-MTR- 1X	COMMERCIAL	PO BOX 221	08-05090	THOMPSON FALLS MT 59873-0221	1017 MAIN STREET W	FULL CHARGES
505101-00	PROSPECT PROPERTIES		COM-MTR- 1X	COMMERCIAL	PO BOX 1805	08-05101	THOMPSON FALLS MT 59873-1805	1013 MAIN STREET W	FULL CHARGES
505110-00	FIRST SECURITY BANK		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 3500	08-05110	THOMPSON FALLS MT 59873-3500	1003 MAIN STREET W	FULL CHARGES
505120-00	MONTANA MOORE HOLDINGS LLC		RES-MTR- 1X	COMMERCIAL	14150 NE 20TH ST. SUITE F1-405	08-05120	BELLEVUE WA 98007	925 MAIN STREET W	FULL CHARGES
505130-00	SEXTON INC. DBA MINNIE'S MONTANA CAFE		COM-MTR- 1X	COMMERCIAL	PO BOX 38	08-05130	THOMPSON FALLS MT 59873-0038	921 MAIN STREET W	FULL CHARGES
505140-00	PARKER NOLAN & LINDA		COM-MTR- 1X	COMMERCIAL	PO BOX 32	08-05140	THOMPSON FALLS MT 59873-0032	913 MAIN STREET W	FULL CHARGES
505150-00	MONTANA RAIL LINK - LOCAL		EDU-1.5	COMMERCIAL	PO BOX 16390	08-05150	MISSOULA MT 59808-6390	902 MAIN STREET W	FULL CHARGES
505170-00	DOUG'S TRUE VALUE - BGC CORP		COM-MTR- 1X	COMMERCIAL	PO BOX 1028	08-05170	THOMPSON FALLS MT 59873-1028	907 MAIN STREET W	FULL CHARGES
505180-00	DOUG'S TRUE VALUE/HEALTH		COM-MTR- 1X	COMMERCIAL	PO BOX 1028	08-05180	THOMPSON FALLS MT 59873-1028	901 MAIN STREET W - DOUG'S TRUE VALUE	FULL CHARGES
505190-00	MOSHER, JOHN W & BARBARA L		COM-MTR- 1X	COMMERCIAL	PO BOX 2	08-05190	THOMPSON FALLS MT 59873-0002	811 MAIN STREET W - FALLS FLORAL	FULL CHARGES
505200-00	MOSHER, JOHN W & BARBARA L		COM-MTR- 1X	COMMERCIAL	PO BOX 2	08-05200	THOMPSON FALLS MT 59873-0002	809 MAIN STREET W	FULL CHARGES
505210-00	FARMER, EDGAR & ANDREA		COM-MTR- 1X	RESIDENTIAL	PO BOX 82	08-05210	PLAINS MT 59859-0082	807 MAIN STREET W	FULL CHARGES
505220-00	KARLIN, JAMES		RES-MTR- 1X	COMMERCIAL	PO BOX 672	08-05220	THOMPSON FALLS MT 59873-0672	801 MAIN STREET W	FULL CHARGES
505230-00	LAI, JERRY		COM-MTR- 1X	COMMERCIAL	PO BOX 1646	08-05230	THOMPSON FALLS MT 59873-164	709 MAIN STREET W	FULL CHARGES
505240-00	FIRST BAPTIST CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 894	08-05240	THOMPSON FALLS MT 59873-0894	705 MAIN STREET W	FULL CHARGES
505265-00	WAKEFIELD, TODD & RONDA		COM-MTR- 1X	COMMERCIAL	PO BOX 2296	08-05265	THOMPSON FALLS MT 59873-2296	105 BROAD STREET S	FULL CHARGES
505270-00	LITTLE BITTERROOT SERVICES INC.		COM-MTR- 1X	COMMERCIAL	PO BOX 189	08-05270	PLAINS MT 59859-0189	607 MAIN STREET W	FULL CHARGES
505275-00	THOMPSON, GINGER		RES-MTR- 1X	RESIDENTIAL	709 GILMORE ST	08-05275	WAYCROSS GA 31501	110 HILL STREET S	FULL CHARGES
505278-00	LEUFKENS FAMILY LLC		EDU-1.5	RESIDENTIAL	PO BOX 1030	08-05278	THOMPSON FALLS MT 59873-1030	111 BROAD STREET S	FULL CHARGES
505280-00	EGGENSPERGER, TOM & BINA		COM-MTR- 1X	COMMERCIAL	PO BOX 221	08-05280	THOMPSON FALLS MT 59873-0219	603 MAIN STREET W	FULL CHARGES
505290-00	EGGENSPERGER, TOM & BINA		COM-MTR- 1X	COMMERCIAL	PO BOX 221	08-05290	THOMPSON FALLS MT 59873-0219	601 MAIN STREET W	FULL CHARGES
505300-00	SPECIALIZED ASSET MANAGEMENT LLC		RES-MTR- 1X	RESIDENTIAL	8742 LUCENT BLVD STE 600	08-05300	HIGHLANDS RANCH CO 80129-8742	105 HILL STREET S	FULL CHARGES
505310-00	LEUFKENS FAMILY LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	08-05310	THOMPSON FALLS MT 59873-1030	109 HILL STREET S	FULL CHARGES
505320-00	CEM ELECTRIC		COM-MTR- 1X	COMMERCIAL	PO BOX 697	08-05320	THOMPSON FALLS MT 59873-0697	511 MAIN STREET W	FULL CHARGES
505321-00	CEM ELECTRIC		RES-MTR- 1X	RESIDENTIAL	PO BOX 697	08-05321	THOMPSON FALLS MT 59873-0697	103 HILL ST	FULL CHARGES
505330-00	STOLZ, COURTNEY		RES-MTR- 1X	COMMERCIAL	PO BOX 494	08-05330	THOMPSON FALLS MT 59873-0494	505 MAIN STREET W	FULL CHARGES
505331-00	STOLZ, COURTNEY		COM-MTR- 1X	RESIDENTIAL	PO BOX 494	08-05331	THOMPSON FALLS MT 59873-0494	507 MAIN STREET W	FULL CHARGES
505340-00	LONE STAR LODGE		COM-MTR- 1X	COMMERCIAL	PO BOX 141	08-05340	THOMPSON FALLS MT 59873-0141	501 MAIN STREET W	FULL CHARGES
505350-00	PARKER, NOLAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 32	08-05350	THOMPSON FALLS MT 59873-0032	108 FERRY STREET S	FULL CHARGES
505360-00	GARRISON, GLENN & SUZANNE		RES-MTR- 1X	RESIDENTIAL	4439 HWY 200	08-05360	THOMPSON FALLS MT 59873	409 MAIN STREET W	FULL CHARGES
505370-00	NELSON, PAULA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1278	08-05370	THOMPSON FALLS MT 59873-1278	405 MAIN STREET W	FULL CHARGES
505380-00	STOLTZ, STEVEN LEE & TERRILEE		COM-MTR- 1X	COMMERCIAL	PO BOX 1903	08-05380	THOMPSON FALLS MT 59873-1903	401 MAIN STREET W	FULL CHARGES
505390-00	VINKEY, RAY S.		RES-MTR- 1X	RESIDENTIAL	PO BOX 2414	08-05390	THOMPSON FALLS MT 59873-2414	109 PINE STREET S	FULL CHARGES
505400-00	GARRETT, THERESA & DAVID		RES-MTR- 1X	COMMERCIAL	14060 GLENDALE CT	08-05400	RANCHO CUCAMONGA CA 91739	309 MAIN STREET W	FULL CHARGES
505410-00	PARKS, DAN & CARLA		COM-MTR- 1X	COMMERCIAL	PO BOX 2525	08-05410	THOMPSON FALLS MT 59873-2525	303 MAIN STREET W	FULL CHARGES
505420-00	ALTMAN, JOSEPH & KATHRYN		COM-MTR- 1X	COMMERCIAL	PO BOX 782	08-05420	THOMPSON FALLS MT 59873-0782	301 MAIN STREET W	FULL CHARGES
505422-00	HAGEDORN LAND SURVEYING INC	RICK HAGEDORN	RES-MTR- 1X	RESIDENTIAL	PO BOX 324	08-05422	THOMPSON FALLS MT 59873-0324	108 PEARL STREET S	FULL CHARGES
505425-00	DZIERGAS, EDWARD & MELINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 661	08-05425	THOMPSON FALLS MT 59873-0661	109 PEARL STREET S	FULL CHARGES
505427-00	HUTCHINGS, CODY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1636	08-05427	THOMPSON FALLS MT 59873-1636	111 PEARL STREET S	FULL CHARGES
505430-00	CHEETHAM, CHARLES T.		COM-MTR- 1X	COMMERCIAL	PO BOX 481	08-05430	THOMPSON FALLS MT 59873-0481	229 MAIN STREET W - LITTLE BEAR	FULL CHARGES
505440-00	ENERGY PARTNERS		COM-MTR- 1X	COMMERCIAL	3050 STOCKYARD RD	08-05440	MISSOULA MT 59808	224 MAIN STREET W	FULL CHARGES
505441-00	CAMPBELL, MARK W & KATRINA W		COM-MTR- 1X	RESIDENTIAL	PO BOX 1393	08-05441	PLAINS MT 59859-1393	219 MAIN STREET W	FULL CHARGES
505442-00	CAMPBELL, MARK & KATRINA		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 1393	01-05442	PLAINS MT 59859-1393	215 MAIN STREET W	FULL CHARGES
505444-00	CAMPBELL, MARK & KATRINA		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 1393	01-05444	PLAINS MT 59859-1393	201 MAIN STREET W	FULL CHARGES
505460-00	BENNETT DAVID - OFFICE		COM-MTR- 1X	COMMERCIAL	PO BOX 1027	08-05460	THOMPSON FALLS MT 59873-1027	223 MAIN STREET W	FULL CHARGES
505480-00	NORTHWESTERN ENERGY	ATTN: AP-MICH OSTERTAG	EDU-1.5	COMMERCIAL	40 E BROADWAY	08-05480	BUTTE MT 59701	1625 MAIDEN LANE	FULL CHARGES
505481-00	NORTHWESTERN ENERGY	ATTN: AP-MICH OSTERTAG	COM-MTR- 1X	COMMERCIAL	11 E. PARK ST	08-05481	BUTTE MT 59701	1517 MAIDEN LANE	FULL CHARGES

505482-00	BURKY, BRIAN & COURTNEY		RES-MTR- 1X	RESIDENTIAL	PO BOX 463	08-05482	WORLAND WY 82401-0463	1611 MAIDEN LANE	FULL CHARGES
505490-00	DEMMONS, HENRY T.		RES-MTR- 1X	RESIDENTIAL	PO BOX 2072	08-05490	THOMPSON FALLS MT 59873-2072	1622 MAIDEN LANE	FULL CHARGES
505500-00	LIONS MANOR BUS & PROPERTY	C/O MONFRIC REALTY, INC	EDU-1.5	COMMERCIAL	1165 BOOKCLIFF AVE	08-05500	GRAND JUNCTION CO 81501	1600 MAIDEN LANE	FULL CHARGES
505510-00	BKP PROPERTIES		RES-MTR- 1X	RESIDENTIAL	15 WILKES CREEK RD	08-05510	THOMPSON FALLS MT 59873	1520 MAIDEN LANE	FULL CHARGES
505520-00	GIFFIN, NICHOLAS E.		RES-MTR- 1X	RESIDENTIAL	PO BOX 1	08-05520	THOMPSON FALLS MT 59873-0001	115 POND STREET S	FULL CHARGES
505550-00	LOVELL, RANDY L.		RES-MTR- 1X	RESIDENTIAL	PO BOX 969	08-05550	THOMPSON FALLS MT 59873-0969	1507 MAIDEN LANE	FULL CHARGES
505560-00	FREEMAN, WILLIAM C & CHERYL		RES-MTR- 1X	RESIDENTIAL	PO BOX 2138	08-05560	THOMPSON FALLS MT 59873-2138	1506 MAIDEN LANE	FULL CHARGES
505580-00	PARKER, FRANK		RES-MTR- 1X	RESIDENTIAL	PO BOX 1645	08-05580	THOMPSON FALLS MT 59873-1645	1512 1/2 MAIDEN LANE	FULL CHARGES
505590-00	FIEL, LARRY AND JANET		RES-MTR- 1X	RESIDENTIAL	PO BOX 1507	08-05590-00	THOMPSON FALLS MT 59873-1507	1417 MAIDEN LANE	FULL CHARGES
505600-00	HAGEDORN, RICKY & ROBIN		RES-MTR- 1X	RESIDENTIAL	PO BOX 344	08-05600	THOMPSON FALLS MT 59873-0344	204 LINCOLN STREET S	FULL CHARGES
505610-00	FISHER, A. RONALD		RES-MTR- 1X	RESIDENTIAL	PO BOX 2134	08-05610	THOMPSON FALLS MT 59873-2134	208 LINCOLN STREET S	FULL CHARGES
505630-00	BAXTER, ROBERT T & SUSAN J		RES-MTR- 1X	RESIDENTIAL	PO BOX 547	08-05630	THOMPSON FALLS MT 59873-0547	211 LINCOLN STREET S	FULL CHARGES
505650-00	BLAIR, IRENE SANSOM		RES-MTR- 1X	RESIDENTIAL	PO BOX 998	08-05650	THOMPSON FALLS MT 59873-0998	216 LINCOLN STREET S	FULL CHARGES
505670-00	BRICKZIN, BOB		RES-MTR- 1X	RESIDENTIAL	PO BOX 1436	08-05670	THOMPSON FALLS MT 59873-1436	1309 MAIDEN LANE	FULL CHARGES
505690-M1	H2 HOSPITALITY INC DBA FALLS MOTEL		COM-MTR- 1X	RESIDENTIAL	PO BOX 458	08-0569001	SUPERIOR MT 59872-0458	112 GALLATIN STREET S	FULL CHARGES
505690-M2	H2 HOSPITALITY INC	DBA FALLS MOTEL	COM-MTR- 1X	RESIDENTIAL	PO BOX 458	08-0569002.M2	SUPERIOR MT 59872-0458	112 GALLATIN STREET S	FULL CHARGES
505690-M3	H2 HOSPITALITY INC	DBA FALLS MOTEL	COM-MTR- 1X	RESIDENTIAL	PO BOX 458	08-0569003	SUPERIOR MT 59872-0458	112 GALLATIN STREET S	FULL CHARGES
505700-00	HOWE, BETTY J		RES-MTR- 1X	RESIDENTIAL	PO BOX 164	08-05700	THOMPSON FALLS MT 59873-0164	200 GALLATIN STREET S	FULL CHARGES
505710-00	CANCIGILA, CHARLES		RES-MTR- 1X	RESIDENTIAL	PO BOX 4	08-05710	THOMPSON FALLS MT 59873-0004	206 GALLATIN STREET S	FULL CHARGES
505720-00	MUSTER, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 696	08-05720	THOMPSON FALLS MT 59873-0696	215 GALLATIN STREET S	FULL CHARGES
505730-00	MUSTER, JOHN & SANDRA - SHOP		RES-MTR- 1X	RESIDENTIAL	PO BOX 696	08-05730	THOMPSON FALLS MT 59873-0696	213 1/2 GALLATIN STREET S	FULL CHARGES
505740-00	OSWALD STEVE & NOVAK LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 482	08-05740	THOMPSON FALLS MT 59873-0482	203 GALLATIN STREET S	FULL CHARGES
505745-00	VALLEY BANK		COM-MTR- 1X	COMMERCIAL	PO BOX 664	08-05745	ST IGANTIUS MT 59865	1222 MAIDEN LANE	FULL CHARGES
505750-00	MUSTER, JOHN		RES-MTR- 1X	RESIDENTIAL	PO BOX 696	08-05750	THOMPSON FALLS MT 59873-0696	1215 MAIDEN LANE	FULL CHARGES
505770-00	TRAIN PROPERTIES LLC		RES-MTR- 1X	RESIDENTIAL	4521 HIGHWAY 200	08-05770	THOMPSON FALLS MT 59873	1211 MAIDEN LANE	FULL CHARGES
505780-00	OTTEN, DOUGLAS C		RES-MTR- 1X	RESIDENTIAL	PO BOX 1343	08-05780	THOMPSON FALLS MT 59873-1343	1203 MAIDEN LANE	FULL CHARGES
505790-00	STYGER, CAROL		RES-MTR- 1X	RESIDENTIAL	PO BOX 471	08-05790	THOMPSON FALLS MT 59873-0471	1204 MAIDEN LANE	FULL CHARGES
505800-00	KERSTEN, LYNNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 2066	08-05800	THOMPSON FALLS MT 59873-2066	206 MADISON STREET S	FULL CHARGES
505811-00	MY INVESTMENTS (YURCZYK/ MUSTER)		RES-MTR- 1X	RESIDENTIAL	PO BOX 932	08-05811	THOMPSON FALLS MT 59873-0932	210 MADISON STREET S	FULL CHARGES
505820-00	YURCZYK, FRANCIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 932	08-05820	THOMPSON FALLS MT 59873-0932	207 MADISON STREET S	FULL CHARGES
505830-00	MORRIN, DIANE		COM-MTR- 1X	COMMERCIAL	PO BOX 1609	08-05830	THOMPSON FALLS MT 59873-1609	1119 MAIDEN LANE	FULL CHARGES
505850-00	JENKS ENTERPRISES INC	% GOEN, TIMOTHY	COM-MTR- 1X	COMMERCIAL	PO BOX 2317	08-05850	THOMPSON FALLS MT 59873-2317	108 MADISON STREET S	FULL CHARGES
505860-00	SANDERS COUNTY JAIL		EDU-1	COMMERCIAL	PO BOX 519	08-05860	THOMPSON FALLS MT 59873-0519	1115 MAIN STREET W	FULL CHARGES
505870-00	LEUFKENS FAMILY LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	08-05870	THOMPSON FALLS MT 59873-1030	1111 MAIDEN LANE	FULL CHARGES
505880-00	ELLIOTT GEORGE & LINDA		RES-MTR- 1X	RESIDENTIAL	PO BOX 884	08-05880	THOMPSON FALLS MT 59873-0884	1105 MAIDEN LANE	FULL CHARGES
505890-00	LEUFKENS, BUD & JUDY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	08-05890	THOMPSON FALLS MT 59873-1030	1101 MAIDEN LANE	FULL CHARGES
505900-00	SANDERS CO COURTHOUSE LAWN		SPC-VACATION RATE C	COMMERCIAL	PO BOX 519	08-05900	THOMPSON FALLS MT 59873-0519	1111 MAIN STREET W	FULL CHARGES
505901-00	SANDERS COUNTY OLD JAIL / MUSEUM		COM-MTR- 1X	COMMERCIAL	PO BOX 519	08-05901	THOMPSON FALLS MT 59873-0519	109 MADISON STREET S	FULL CHARGES
505910-00	KELLER, KIMBERLY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1181	08-05910	THOMPSON FALLS MT 59873-1181	107 JEFFERSON STREET S	FULL CHARGES
505920-00	KELLER, KIMBERLY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1181	08-05920	THOMPSON FALLS MT 59873-1181	107 1/2 JEFFERSON STREET S	FULL CHARGES
505930-00	PODRAT, GARY A.		RES-MTR- 1X	RESIDENTIAL	1849 DECKER SCHOOL LANE	08-05930	MALIBU CA 90265	1020 MAIDEN LANE	FULL CHARGES
505940-00	INGRAM, ABBY		RES-MTR- 1X	RESIDENTIAL	2 GEBHARDT LN	08-05940	THOMPSON FALLS MT 59873	1015 MAIDEN LANE	FULL CHARGES
505950-00	SAKASKE, STEPHEN		RES-MTR- 1X	RESIDENTIAL	PO BOX 10544	08-05950	KALISPELL MT 59904-0544	1016 MAIDEN LANE	FULL CHARGES
505960-00	ELLIOTT, LYNETTE K		RES-MTR- 1X	RESIDENTIAL	PO BOX 1901	08-05960	THOMPSON FALLS MT 59873-1901	1014 MAIDEN LANE	FULL CHARGES
505970-00	LEUFKENS FAMILY LLC		RES-MTR- 1X	RESIDENTIAL	PO BOX 1030	08-05970	THOMPSON FALLS MT 59873-1030	1003 MAIDEN LANE	FULL CHARGES
506000-00	FIRST SECURITY BANK		EDU-1.5	COMMERCIAL	PO BOX 3500	08-06000	THOMPSON FALLS MT 59873-3500	107 FULTON STREET S	FULL CHARGES
506010-00	FIRST SECURITY BANK		SPC-VACATION RATE C	RESIDENTIAL	PO BOX 3500	01-06010	THOMPSON FALLS MT 59873-3500	917 919 MAIDEN LANE	FULL CHARGES
506020-00	HOYT, TIM		RES-MTR- 1X	RESIDENTIAL	PO BOX 1177	08-06020	THOMPSON FALLS MT 59873-1177	905 MAIDEN LANE	FULL CHARGES
506052-00	SCOTT, RICHARD & MAVIS		RES-MTR- 1X	RESIDENTIAL	PO BOX 695	08-06052	THOMPSON FALLS MT 59873-0695	107 MILL STREET S	FULL CHARGES
506053-00	DINKELSPIEL, LLOYD		RES-MTR- 1X	RESIDENTIAL	36 GRAHAM LN	08-06053	TROUT CREEK MT 59874	109 MILL STREET S	FULL CHARGES
506055-00	GAYTON, PAUL & JESSICA		COM-MTR- 1X	RESIDENTIAL	PO BOX 1753	08-06055	THOMPSON FALLS MT 59873-1753	108 BROAD STREET S	FULL CHARGES
506060-00	MCCUAIG, JAMES M. & JOSIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1598	08-06060	TROUT CREEK MT 59874-1598	109 COLUMBIA STREET S	FULL CHARGES
506070-00	TERRY, MICHAEL A.		RES-MTR- 1X	RESIDENTIAL	PO BOX 2446	08-06070	THOMPSON FALLS MT 59873-2446	110 COLUMBIA STREET S	FULL CHARGES
506075-00	SCOVILLE, ROSE ANN		RES-MTR- 1X	RESIDENTIAL	PO BOX 313	08-06075	THOMPSON FALLS MT 59873-0313	114 COLUMBIA STREET S	FULL CHARGES
506080-00	SHEAR, MICHAEL		RES-MTR- 1X	RESIDENTIAL	PO BOX 653	08-06080	THOMPSON FALLS MT 59873-0653	712 MAIDEN LANE	FULL CHARGES
506100-00	SHEAR, MICHAEL		RES-MTR- 1X	RESIDENTIAL	PO BOX 653	08-06100	THOMPSON FALLS MT 59873-0653	704 MAIDEN LANE	FULL CHARGES
506110-00	LEUFKENS FAMILY LLC		COM-MTR- 1X	RESIDENTIAL	PO BOX 1030	08-06110	THOMPSON FALLS MT 59873-1030	115 BROAD STREET S	FULL CHARGES
506120-00	LORD, JEANETTE		RES-MTR- 1X	RESIDENTIAL	1 LIVER GULCH LANE	08-06120	THOMPSON FALLS MT 59873	109 BROAD STREET S	FULL CHARGES
506150-00	SCHILLING, DAVID & CATHY		SPC-SCHILLING	RESIDENTIAL	PO BOX 124	08-06150	THOMPSON FALLS MT 59873-0124	1006 CHURCH STREET	FULL CHARGES
600270-00	SHEPHERD OF THE VALLEY LUTHERAN CHURCH		RES-MTR- 1X	RESIDENTIAL	PO BOX 2508	07-00270	THOMPSON FALLS MT 59873-2508	1192 MOUNT SILCOX DRIVE	FULL CHARGES
600602-00	COLEMAN, AVERY & ROXANNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1798	08-00602	THOMPSON FALLS MT 59873-1798	602 ASPEN COURT	FULL CHARGES

600604-00	WALWER, GREGG		RES-MTR- 1X	RESIDENTIAL	PO BOX 1982	08-00604	THOMPSON FALLS MT 59873-1982	608 ASPEN COURT	FULL CHARGES
600605-00	RICKERT, KENNETH A & BABETTE Y		RES-MTR- 1X	RESIDENTIAL	PO BOX 272	08-00605	THOMPSON FALLS MT 59873-0272	605 ASPEN COURT	FULL CHARGES
600708-00	MARICH, KAY OR MIKE	TRUSTEE OF THE KAY MARICH FAMILY TRUST	RES-MTR- 1X	RESIDENTIAL	PO BOX 1512	08-00708	THOMPSON FALLS MT 59873-1512	708 SOUTHWOOD COURT	FULL CHARGES
600711-00	MARKQUART, WAYNE & JULAINE		RES-MTR- 1X	RESIDENTIAL	PO BOX 303	08-00711	THOMPSON FALLS MT 59873-0303	713 SOUTHWOOD COURT	FULL CHARGES
600712-00	FISHER, KRISTEN M & BRANDON B		RES-MTR- 1X	RESIDENTIAL	PO BOX 1944	08-00712	THOMPSON FALLS MT 59873-1944	712 SOUTHWOOD COURT	FULL CHARGES
600715-00	DRAPER, LISA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1101	08-00715	THOMPSON FALLS MT 59873-1101	715 SOUTHWOOD COURT	FULL CHARGES
600716-00	MORGAN, SHAWN & JODI		RES-MTR- 1X	RESIDENTIAL	PO BOX 2252	08-00716	THOMPSON FALLS MT 59873-2252	716 SOUTHWOOD COURT	FULL CHARGES
600720-00	MURPHY, JAMES & EUGENIA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1184	07-00720	THOMPSON FALLS MT 59873-1184	720 SOUTHWOOD COURT	FULL CHARGES
600721-00	FAIRBANK, RACHEL ANN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1601	08-00721	THOMPSON FALLS MT 59873-1601	721 SOUTHWOOD COURT	FULL CHARGES
600723-00	RASMUSSEN, JORDAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1124	08-00723	THOMPSON FALLS MT 59873-1124	723 SOUTHWOOD COURT	FULL CHARGES
601107-00	JEHOVAH'S WITNESSES		RES-MTR- 1X	RESIDENTIAL	PO BOX 1273	08-01107	THOMPSON FALLS MT 59873-1273	1107 MOUNT SILCOX DRIVE	FULL CHARGES
601191-00	THOMPSON FALLS SENIOR CITIZENS CENTER		EDU-1	RESIDENTIAL	PO BOX 444	08-01191	THOMPSON FALLS MT 59873-0444	1191 MOUNT SILCOX DRIVE	FULL CHARGES
601199-00	WILHITE, DAVID		RES-MTR- 1X	RESIDENTIAL	PO BOX 1965	08-01199	THOMPSON FALLS MT 59873-1965	1199 MOUNT SILCOX DRIVE	FULL CHARGES
601209-00	LEISCHNER, BLAINE L & CHRISTINE		RES-MTR- 1X	RESIDENTIAL	PO BOX 1817	08-01209	THOMPSON FALLS MT 59873-1817	1209 MOUNT SILCOX DRIVE	FULL CHARGES
601219-00	HOFF, RAYMOND		RES-MTR- 1X	RESIDENTIAL	PO BOX 182	08-01219	THOMPSON FALLS MT 59873-0182	1219 MOUNT SILCOX DRIVE	FULL CHARGES
601220-00	DONALDSON JOSEPH & LOWRY ANN		RES-MTR- 1X	RESIDENTIAL	PO BOX 1956	07-01220	THOMPSON FALLS MT 59873-1956	704 SOUTHWOOD COURT	FULL CHARGES
601229-00	FRANCK, NICHOLAS		RES-MTR- 1X	RESIDENTIAL	PO BOX 1231	08-01229	THOMPSON FALLS MT 59873-1231	1229 MOUNT SILCOX DRIVE	FULL CHARGES
601800-00	HANDFORD, DANIEL E & BETTY JO		RES-MTR- 1X	RESIDENTIAL	PO BOX 682	07-01800	THOMPSON FALLS MT 59873-0682	1800 PINE TREE HOLLOW	FULL CHARGES
601801-00	PINE TREE HOLLOW HOMEOWNERS ASSN		EDU-1	RESIDENTIAL	PO BOX 1522	08-01801	THOMPSON FALLS MT 59873-1522	1801 PINE TREE HOLLOW - GREENS	FULL CHARGES
601802-00	BROWN, NANCY A		RES-MTR- 1X	RESIDENTIAL	PO BOX 1802	08-01802	THOMPSON FALLS MT 59873-1802	1802 PINE TREE HOLLOW	FULL CHARGES
601804-00	EPPERSON, YVONNE		RES-MTR- 1X	RESIDENTIAL	PO BOX 293	08-1804	THOMPSON FALLS MT 59873-0293	1804 PINE TREE HOLLOW	FULL CHARGES
601806-00	CHENEY, VIRGINIA RUTH		RES-MTR- 1X	RESIDENTIAL	PO BOX 546	08-01806	THOMPSON FALLS MT 59873-0546	1806 PINE TREE HOLLOW	FULL CHARGES
601808-00	LINZMAIER, PETER		RES-MTR- 1X	RESIDENTIAL	PO BOX 2226	08-01808	THOMPSON FALLS MT 59873-2226	1808 PINE TREE HOLLOW	FULL CHARGES
601810-00	ANDERSON, NEAL & SANDRA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1714	07-01810	THOMPSON FALLS MT 59873-1714	1810 PINE TREE HOLLOW	FULL CHARGES
601812-00	MARICH, ANDREW		RES-MTR- 1X	RESIDENTIAL	PO BOX 234	08-01812	THOMPSON FALLS MT 59873-0234	1812 PINE TREE HOLLOW	FULL CHARGES
601814-00	ARNOLD, RODNEY E & EDRALINE M		RES-MTR- 1X	RESIDENTIAL	PO BOX 73	08-01814	THOMPSON FALLS MT 59873-0073	1814 PINE TREE HOLLOW	FULL CHARGES
601816-00	GRIFFITHS, HUGH & SUSAN		RES-MTR- 1X	RESIDENTIAL	PO BOX 863	08-01816	THOMPSON FALLS MT 59873-0863	1816 PINE TREE HOLLOW	FULL CHARGES
601818-00	CARMAN, NEIL & DIXIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 536	08-01818	THOMPSON FALLS MT 59873-0536	1818 PINE TREE HOLLOW	FULL CHARGES
601900-00	DAVIS, PAMELA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2125	07-01900	THOMPSON FALLS MT 59873-2125	1900 PINE TREE HOLLOW	FULL CHARGES
601902-00	THURMAN, WILLIS C & PENNY L		RES-MTR- 1X	RESIDENTIAL	275 SOUTH VALLEY VIEW DR J102	08-01902	ST GEORGE UT 84770	1902 PINE TREE HOLLOW	FULL CHARGES
601904-00	GLADE, SHIRLEY		RES-MTR- 1X	RESIDENTIAL	PO BOX 1998	08-01904	THOMPSON FALLS MT 59873-1998	1904 PINE TREE HOLLOW	FULL CHARGES
601906-00	FALK, DAVID & INA		RES-MTR- 1X	RESIDENTIAL	PO BOX 571	08-01906	THOMPSON FALLS MT 59873-0571	1906 PINE TREE HOLLOW	FULL CHARGES
601908-00	BLOOM, ROSEMARIE		RES-MTR- 1X	RESIDENTIAL	PO BOX 614	08-01908	THOMPSON FALLS MT 59873-0614	1908 PINE TREE HOLLOW	FULL CHARGES
601910-00	PARKER, BERNARD & KAY		RES-MTR- 1X	RESIDENTIAL	PO BOX 534	07-01910	THOMPSON FALLS MT 59873-0534	1910 PINE TREE HOLLOW	FULL CHARGES
700012-00	NEBEKER, CLINT & TRACI		RES-MTR- 1X	RESIDENTIAL	704 SRPING CREEK PARKWAY	08-00012	SPRING CREEK NV 89815	2414 CAPSTONE COURT	FULL CHARGES
700040-00	SCHUBERT, RUSSELL		RES-MTR- 1X	RESIDENTIAL	PO BOX 1541	08-00040.1	THOMPSON FALLS MT 59873-1541	2413 CAPSTONE COURT	FULL CHARGES
700041-00	ARNDT, ROBERT & KARLA		RES-MTR- 1X	RESIDENTIAL	PO BOX 2162	08-00041	THOMPSON FALLS MT 59873-2162	2419 CAPSTONE COURT	FULL CHARGES
700050-00	INKS JR, HOWARD R		RES-MTR- 1X	RESIDENTIAL	PO BOX 1309	08-00050.1	THOMPSON FALLS MT 59873-1309	2503 MOSSY ROCK COURT	FULL CHARGES
700053-00	FRANCHMON, HANS		RES-MTR- 1X	RESIDENTIAL	PO BOX 2031	08-00053	THOMPSON FALLS MT 59873-2031	2620 CORNERSTONE ROAD	FULL CHARGES
700054-00	CARMOUCHE, RAINA		RES-MTR- 1X	RESIDENTIAL	PO BOX 1700	08-00054	THOMPSON FALLS MT 59873-1700	2611 CORNERSTONE ROAD	FULL CHARGES
700060-00	FIELDS, SHERMAN & NANCY		RES-MTR- 1X	RESIDENTIAL	PO BOX 2043	07-00060	THOMPSON FALLS MT 59873-2043	2715 CORNERSTONE ROAD	FULL CHARGES
700061-00	TAYLOR, GAYLE		RES-MTR- 1X	RESIDENTIAL	PO BOX 152	08-00061	THOMPSON FALLS MT 59873-0152	2719 CORNERSTONE ROAD	FULL CHARGES
700063-00	KNUTSON, ROD & RISHELLE		RES-MTR- 1X	RESIDENTIAL	PO BOX 294	08-00063	THOMPSON FALLS MT 59873-0294	2727 CORNERSTONE ROAD	FULL CHARGES
700080-00	RIMROCK LODGE	LAWRENCE, JOHN	EDU-3	COMMERCIAL	PO BOX 1450	07-00080	THOMPSON FALLS MT 59873-1450	4946 HWY. 200	FULL CHARGES

RATE CODES: ALL
BILLING CODES: 1 FULL CHARGES
USER TYPES: ALL
SERVICE: WATER

Rate Code	Usage
COM-MTR- 1X	48
EDU-1	5
EDU-1.5	9
EDU-2	3
EDU-3	3
NONE	3
RES-MTR- 1X	618
SPC-SCHILLING	1
SPC-VACATION RATE C	21
Total Usage:	**711**

RATE CODES: ALL
BILLING CODES: 1 FULL CHARGES
USER TYPES: ALL
SERVICE: SEWER
NO SERVICE: OVERPAYMENT

Account / Rate Code	Customer Name / User Type	Route - Meter	Billing Code / Service Address	Balance	Actual Usage
100005-00	THOMPSON FALLS ASSEMBLY OF GOD	08-00005	1	55.60	12400
NONE	RESIDENTIAL		1124 PRESTON AVENUE W		
100010-00	ASSEMBLY OF GOD CHURCH	08-00010	1	40.00	1800
NONE	RESIDENTIAL		1120 PRESTON AVENUE W		
100015-00	ASSEMBLY OF GOD CHURCH	08-00015	1	47.80	7200
NONE	RESIDENTIAL		1122 PRESTON AVENUE W		
100020-00	SKINNER, MARK & SANDRA	08-00020	1	55.80	9200
NONE	RESIDENTIAL		1106 PRESTON AVENUE W - HOUSE		
100030-00	HENSYEL, RICKEY	08-00030	1	86.50	3000
NONE	RESIDENTIAL		1114 PRESTON AVENUE W		
100040-00	MARICH, ADRIENNE	08-00040	1	40.00	1800
NONE	RESIDENTIAL		102 WOOD STREET		
100050-00	INGRAHAM, LYNN C & JUDY P	08-00050	1	40.00	2000
NONE	RESIDENTIAL		207 WOOD STREET		
100060-00	SNYDER JOEL L	08-00060	1	0.00	2700
NONE	RESIDENTIAL		214 WOOD STREET		
100065-00	RAYMOND, JOHN & JUDY	08-00065	1	40.00	1400
NONE	RESIDENTIAL		213 WOOD STREET		
100070-00	TOMAS, SAMUEL J & MARCELLA R	08-000700	1	40.00	0
NONE	RESIDENTIAL		210 WOOD STREET		
100080-00	TOMAS, SAMUEL & MARCELLA	08-00080	1	30.00	0
NONE	RESIDENTIAL		1014 OGDEN AVENUE W		
100090-00	NAGY, JOHN & EVELYN	08-00090	1	40.00	0
NONE	RESIDENTIAL		217 WOOD STREET		
100100-00	WEST, GINA	08-00100	1	40.75	2500
NONE	RESIDENTIAL		220 WOOD STREET		
100110-00	COLE, BRIAN & NEYLA	08-00110	1	42.10	3400
NONE	RESIDENTIAL		1210 HALEY AVENUE W		
100120-00	MARGELIN, ELIZABETH	08-00120	1	40.00	0
NONE	RESIDENTIAL		1214 HALEY AVENUE W		
100150-00	SUSIC, JACOB & DEANNE	08-00150	1	90.05	3100
NONE	RESIDENTIAL		1206 HALEY AVENUE W		
100160-00	ANDERSON, IRENE	08-00160	1	41.35	2700
NONE	RESIDENTIAL		303 WOOD STREET		
100170-00	SUND, FORREST D & LINDA M	08-00170	1	0.00	7100
NONE	RESIDENTIAL		304 WOOD STREET		
100180-00	ANDERSON, EARL & IRENE	08-00180	1	40.00	500
NONE	RESIDENTIAL		311 WOOD STREET		
100185-00	YURCZYK, FRANK	08-00185	1	88.00	1500
NONE	RESIDENTIAL		314 WOOD STREET		
100190-00	TOMAS, SAM & MARCIE	08-00190	1	40.00	0
NONE	RESIDENTIAL		1012 PRESTON AVENUE W		
100200-00	HAYNES, PAUL C.	08-00200	1	0.00	1600
NONE	RESIDENTIAL		102 PARK STREET		
100210-00	WOLLASTON, TILLIE	08-00210	1	40.00	1300
NONE	RESIDENTIAL		105 PARK STREET		
100220-00	BROWNE, RICHARD & LINDA	08-00220	1	44.65	5100
NONE	RESIDENTIAL		108 PARK STREET		
100230-00	HART, CHRISTOPHER	08-00230	1	47.35	6900
NONE	RESIDENTIAL		205 PARK STREET		
100240-00	THOMPSON, EDWARD R. & TERRY	08-00240	1	49.15	8100

NONE		RESIDENTIAL		202 PARK STREET			
100250-00	JOHNSON, DAVID S		08-00250	1	0.00		0
NONE		RESIDENTIAL		206 PARK STREET			
100260-00	FITCHETT, TRAVIS R.		08-00260	1	47.15		9000
NONE		RESIDENTIAL		210 PARK STREET			
100270-00	KOSTKA, LUCAS RC & AUTUMN		08-00270	1	96.55		5400
NONE		RESIDENTIAL		209 PARK STREET			
100280-00	FRANKE, KAY		08-00280	1	0.00		3200
NONE		RESIDENTIAL		911 HALEY AVE W			
100290-00	FRANKE, KAY		08-00290	1	0.00		200
NONE		RESIDENTIAL		222 PARK STREET			
100300-00	BRAY, BRITT		08-00300	1	58.60		2200
NONE		RESIDENTIAL		305 PARK STREET			
100310-00	LEGAULT, ROBERT & TONI		08-00310	1	49.35		4900
NONE		RESIDENTIAL		304 PARK STREET			
100315-00	SUNDSTRUM, DANIEL & RUTHANNE		08-00315	1	45.70		5800
NONE		RESIDENTIAL		310 PARK STREET			
100317-00	BORGMANN, MATTHEW & KRYSTAL		08-00317	1	44.35		4900
NONE		RESIDENTIAL		315 PARK STREET			
100320-00	BORGMANN, ROSEMARY		08-00320	1	40.00		1300
NONE		RESIDENTIAL		321 PARK STREET			
100330-00	MOLZHON, PAUL		08-00330	1	102.25		7900
NONE		RESIDENTIAL		906 HALEY AVENUE W			
100340-00	EGBERT PROPERTIES LLC		08-00340	1	85.00		400
NONE		RESIDENTIAL		904 PRESTON AVENUE W			
100351-00	DEWITT, CATHERINE		08-00351	1	40.00		1800
NONE		RESIDENTIAL		102 GALLATIN STREET N			
100360-00	DAY, MELINDA		08-00360	1	40.60		2400
NONE		RESIDENTIAL		107 GALLATIN STREET N			
100370-00	CONLEY, STEVEN & ASHLEY		08-00370	1	169.85		21700
NONE		RESIDENTIAL		114 GALLATIN STREET N			
100380-00	KRICK, BRIAN & LARA		08-00380	1	85.00		1400
NONE		RESIDENTIAL		113 GALLATIN STREET N			
100390-00	BROWN, JASON D.		08-00390	1	44.05		4700
NONE		RESIDENTIAL		205 GALLATIN STREET N			
100400-00	SHEAR, JARED & JENNIFER		08-00400	1	42.85		3900
NONE		RESIDENTIAL		204 GALLATIN STREET N			
100410-00	VERLANIC, LYNN R		08-00410	1	40.30		2200
NONE		RESIDENTIAL		211 GALLATIN STREET N			
100420-00	HERDEN, DAVID & VICKIE		08-00420	1	45.55		5700
NONE		RESIDENTIAL		212 GALLATIN STREET N			
100430-00	SHERMIKUS, RANDY		08-00430	1	41.65		3100
NONE		RESIDENTIAL		219 GALLATIN STREET N			
100440-00	PAVLIK, LINDE		08-00440	1	86.80		2700
NONE		RESIDENTIAL		222 GALLATIN STREET N			
100450-00	CULLEN, SANDRA		08-00450	1	40.00		1800
NONE		RESIDENTIAL		306 GALLATIN STREET N			
100460-00	MCKAHAN, LINDA		08-00460	1	40.75		2500
NONE		RESIDENTIAL		311 GALLATIN STREET N			
100470-00	TRAIN, ANTHONY & CHRISTINA		08-00470	1	43.30		4200
NONE		RESIDENTIAL		312 GALLATIN STREET N			
100480-00	GREENWOOD HOLDINGS LLC		08-00480	1	0.00		4100
NONE		RESIDENTIAL		317 GALLATIN STREET N			
100490-00	GROSHONG, BERNIE		08-00490	1	40.00		1600
NONE		RESIDENTIAL		322 GALLATIN STREET N			
100510-00	PISCITELLO, BRUCE		08-00510	1	42.95		7000
NONE		RESIDENTIAL		321 GALLATIN STREET N			
100520-00	LAY, LINDA		08-00520	1	0.00		5800
NONE		RESIDENTIAL		403 GALLATIN STREET N			
100530-00	WILSON, CYNTHIA C.		08-00530	1	0.00		2100
NONE		RESIDENTIAL		402 GALLATIN STREET N			
100540-00	JOHNSON, DAVID & PATRICIA		08-00540	1	133.15		1500
NONE		RESIDENTIAL		710 PRESTON AVENUE W			
100550-00	MOTT, ELIZABETH		08-00550	1	90.00		800
NONE		RESIDENTIAL		804 PRESTON AVENUE W			
100560-00	PARROTT, JODY R.		08-00560	1	43.00		4000

NONE		RESIDENTIAL		716 PRESTON AVENUE W			
100570-00	TURK, RON		08-00570	1	42.10		3400
NONE		RESIDENTIAL		105 MADISON STREET N			
100580-00	HILL, CAROL		08-00580	1	40.00		1700
NONE		RESIDENTIAL		106 MADISON STREET N			
100590-00	HART, LYNETTE J		08-00590	1	0.00		0
NONE		RESIDENTIAL		110 MADISON STREET N			
100600-00	SWANSON, DANIEL G & ANITA L		08-00600	1	41.80		3200
NONE		RESIDENTIAL		115 MADISON STREET N			
100610-00	COMPTON, JAMES R.		08-00610	1	0.00		2100
NONE		RESIDENTIAL		114 MADISON STREET N			
100620-00	SINK, WESLEY & THERESA		08-00620	1	-12.20		2800
NONE		RESIDENTIAL		715 ODGEN AVENUE W			
100630-00	HAUN, JONATHAN		08-00630	1	46.15		6100
NONE		RESIDENTIAL		204 MADISON STREET N			
100640-00	PARDEE, CHAD & LEANNA		08-00640	1	35.90		1900
NONE		RESIDENTIAL		203 MADISON STREET N			
100660-00	MOORE, JO ANN		08-00660	1	40.00		900
NONE		RESIDENTIAL		213 MADISON STREET N			
100670-00	WAKEFIELD, TODD E		08-00670	1	40.00		2000
NONE		RESIDENTIAL		212 MADISON STREET N			
100680-00	MAYFIELD, MICHELLE		08-00680	1	0.00		2100
NONE		RESIDENTIAL		215 MADISON STREET N			
100690-00	HARNETT, JONATHAN O'NEIL		08-00690	1	17.00		2700
NONE		RESIDENTIAL		217 MADISON STREET N			
100700-00	COX, JIM		08-00700	1	0.15		800
NONE		RESIDENTIAL		216 MADISON STREET N			
100710-00	EBEL, MICHAEL & LOIS		08-00710	1	42.40		3600
NONE		RESIDENTIAL		224 MADISON STREET N			
100720-00	WHEELER, KELLY		08-00720	1	43.45		4300
NONE		RESIDENTIAL		221 MADISON STREET N			
100730-00	VANELSWYK JR, ROBERT L & BRANDY L		08-00730	1	96.60		7800
NONE		RESIDENTIAL		307 MADISON STREET N			
100740-00	COX, KYLE RAY		08-00740	1	85.00		300
NONE		RESIDENTIAL		306 MADISON STREET N			
100750-00	BRUGGEMAN, RICK		08-00750	1	-0.45		1500
NONE		RESIDENTIAL		806 HALEY AVENUE W			
100765-00	CZERWINSKI, BEVERLY		08-00765	1	0.00		1500
NONE		RESIDENTIAL		315 MADISON STREET N			
100770-00	ROHWER, MARGIE		08-00770	1	0.00		1200
NONE		RESIDENTIAL		314 MADISON STREET N			
100780-00	GRANT, GAIL		08-00780	1	45.10		5400
NONE		RESIDENTIAL		321 MADISON STREET N			
100790-00	FRITZ, ROBERT		08-00790	1	84.35		4100
NONE		RESIDENTIAL		327 MADISON STREET N			
100800-00	MAZUR, TOM		08-00800	1	46.00		6000
NONE		RESIDENTIAL		324 MADISON STREET N			
100810-00	MCEWEN, ARTHUR		08-00810	1	0.00		1600
NONE		RESIDENTIAL		403 MADISON STREET N			
100820-00	NYMAN, NANCY SUE		08-00820	1	44.80		5200
NONE		RESIDENTIAL		710 W 3RD AVENUE			
100830-00	ABBOTT, GARY		08-00830	1	0.00		900
NONE		RESIDENTIAL		408 MADISON STREET N			
100840-00	LYGHT, TRENT		08-00840	1	44.05		4700
NONE		RESIDENTIAL		411 MADISON STREET N			
100850-00	PARSONS, ROBERT		08-00850	1	0.00		1600
NONE		RESIDENTIAL		410 MADISON STREET N			
100870-00	COMMUNITY CHURCH		08-00870	1	40.00		300
NONE		RESIDENTIAL		704 PRESTON AVENUE W			
100880-00	HOPKINS, PERRY		08-00880	1	58.15		14100
NONE		RESIDENTIAL		616 PRESTON AVENUE W			
100890-00	CORDERO, SUSAN		08-00890	1	41.35		2900
NONE		RESIDENTIAL		113 JEFFERSON STREET N			
100900-00	LUTHERAN CHURCH		08-00900	1	0.00		100
NONE		RESIDENTIAL		611 OGDEN AVENUE W			
100910-00	TRAIN PROPERTIES LLC		08-00910	1	40.00		900

NONE		RESIDENTIAL		203 JEFFERSON STREET N			
100920-00	HEAPE, CURTIS & MOLLIE		08-00920	1	40.00		100
NONE		RESIDENTIAL		213 JEFFERSON STREET N			
100930-00	APPLEBY, JOSEPH P		08-00930	1	40.00		1100
NONE		RESIDENTIAL		210 JEFFERSON STREET N			
100940-00	HUTZ, EUGENE F & SUSAN M		08-00940	1	40.00		1400
NONE		RESIDENTIAL		218 JEFFERSON STREET N			
100950-00	GROSSBERG, PHILL		08-00950	1	40.00		300
NONE		RESIDENTIAL		221 JEFFERSON STREET N			
100960-00	MCCLOY, PAT & COLLEEN		08-00960	1	46.95		3300
NONE		RESIDENTIAL		222 JEFFERSON STREET N			
100970-00	CROWDER, ROBERT		08-00970	1	31.00		1900
NONE		RESIDENTIAL		611 HALEY AVENUE W			
100980-00	FRIESZ, EMMANUEL		08-00980	1	-98.00		1100
NONE		RESIDENTIAL		305 JEFFERSON STREET N			
100990-00	HAMILTON, JOHN		08-00990	1	40.00		0
NONE		RESIDENTIAL		612 HALEY AVENUE W			
101000-00	KENEADY, IDA		08-01000	1	41.95		3300
NONE		RESIDENTIAL		310 JEFFERSON STREET N			
101010-00	DRASZT, GARY & JOAN		08-01010	1	40.00		1500
NONE		RESIDENTIAL		314 JEFFERSON STREET N			
101020-00	COMMUNITY CHURCH		08-01020	1	44.35		4900
NONE		RESIDENTIAL		315 JEFFERSON STREET N			
101030-00	INGRAHAM, GERALD		08-01030	1	43.45		4300
NONE		RESIDENTIAL		323 JEFFERSON STREET N			
101040-00	MATES, CLARE F.		08-01040	1	40.00		1500
NONE		RESIDENTIAL		318 JEFFERSON STREET N			
101050-00	ROCKWELL, RANDY ALLEN		08-01050	1	40.00		700
NONE		RESIDENTIAL		405 JEFFERSON STREET N			
101060-00	FRANKLIN, ADAM & LINDSEY		08-01060	1	-25.00		3700
NONE		RESIDENTIAL		612 3RD AVE WEST			
101070-00	LYGHT, DENNIS		08-01070	1	44.95		5300
NONE		RESIDENTIAL		409 JEFFERSON STREET N			
101080-00	KELLER, WILLIAM		08-01080	1	250.00		0
NONE		RESIDENTIAL		414 JEFFERSON STREET N			
101090-00	DWYER, KAREN		08-01090	1	40.00		900
NONE		RESIDENTIAL		415 JEFFERSON STREET N			
101100-00	BISHOP, MICHAEL & TERESA		08-01100	1	41.80		3200
NONE		RESIDENTIAL		420 JEFFERSON STREET N			
201105-00	RAMSEY, ROBERT & EVA		08-01105	1	40.00		600
NONE		RESIDENTIAL		608 PRESTON AVENUE W			
201110-00	WESTERN MONTANA MENTAL HEALTH		08-01110	1	40.00		1200
NONE		RESIDENTIAL		602 PRESTON AVENUE W			
201120-00	PARKER, NOLAN & LINDA		08-01120	1	44.65		5100
NONE		RESIDENTIAL		516 PRESTON AVENUE W			
201130-00	BROWN, DAVID & KAREN		08-01130	1	40.75		2500
NONE		RESIDENTIAL		110 WASHINGTON STREET			
201140-00	NOLAN, JEANEAN		08-01140	1	45.10		5400
NONE		RESIDENTIAL		116 WASHINGTON STREET			
201150-00	MORRIN, DIANE		08-01150	1	44.95		5300
NONE		RESIDENTIAL		203 WASHINGTON STREET			
201155-00	LUTHERAN CHURCH PARSONAGE		08-01155	1	0.00		2900
NONE		RESIDENTIAL		605 OGDEN AVENUE W			
201160-00	PARKER, NOLAN F. & LINDA L.		08-01160	1	41.20		2800
NONE		RESIDENTIAL		202 WASHINGTON STREET			
201170-00	RETTENMEIER, ROGER		08-01170	1	-42.80		6500
NONE		RESIDENTIAL		209 WASHINGTON STREET			
201180-00	WARME REVOCABLE TRUST, CHRISTOPHER J		08-01180	1	71.00		1300
NONE		RESIDENTIAL		208 WASHINGTON STREET			
201190-00	TRAIN PROPERTIES LLC		08-01190	1	44.80		5200
NONE		RESIDENTIAL		213 WASHINGTON STREET			
201200-00	FORTIER, LUKE		08-01200	1	49.45		8300
NONE		RESIDENTIAL		212 WASHINGTON STREET			
201210-00	DIPPRE, KIMBERLY R		08-01210	1	-0.55		0
NONE		RESIDENTIAL		216 WASHINGTON STREET			
201220-00	WATTS, JULIE		08-01220	1	51.55		9700

NONE	RESIDENTIAL		215 WASHINGTON STREET			
201230-00	SCHAEFER ENTERPRISES.	08-01230	1	41.95		3300
NONE	RESIDENTIAL		221 WASHINGTON STREET			
201235-00	CREEKMORE, ALBERT & DRINDA	08-01235	1	30.00		600
NONE	RESIDENTIAL		220 WASHINGTON STREET			
201240-00	CREEKMORE, ALBERT & DRINDA	08-01240	1	40.00		1900
NONE	RESIDENTIAL		511 HALEY AVENUE W			
201250-00	SCHUMACHER, KENNETH	08-01250	1	30.00		0
NONE	RESIDENTIAL		303 WASHINGTON STREET			
201260-00	BENBOE, CHALRES & CHERYL	08-01260	1	40.90		2600
NONE	RESIDENTIAL		304 WASHINGTON STREET			
201290-00	TAYLOR, STEVEN	08-01290	1	65.00		0
NONE	RESIDENTIAL		309 WASHINGTON STREET			
201300-00	FRANCK, SHAWN	08-01300	1	40.75		2500
NONE	RESIDENTIAL		312 WASHINGTON STREET			
201310-00	LEUFKENS FAMILY LLC	08-01310	1	42.85		3900
NONE	RESIDENTIAL		319 WASHINGTON STREET			
201320-00	MOSHER, ROY L	08-01320	1	22.45		3200
NONE	RESIDENTIAL		322 WASHINGTON STREET			
201330-00	WIEGELE, JAMES L & DAGMAR R	08-01330	1	41.05		2700
NONE	RESIDENTIAL		512 3RD AVE WEST			
201340-00	HECHTMAN, CAROLL SUE	08-01340	1	40.00		800
NONE	RESIDENTIAL		606 3RD AVE W			
201350-00	BARTELMEY, DALE & PATRICIA	08-01350	1	4.84		2500
NONE	RESIDENTIAL		407 WASHINGTON STREET			
201360-00	BLOOM, DAN & WILLY	08-01360	1	44.05		4700
NONE	RESIDENTIAL		410 WASHINGTON STREET			
201370-00	NICOL, BONNIE	08-01370	1	40.00		1900
NONE	RESIDENTIAL		413 WASHINGTON STREET			
201380-00	MOSHER, BETTY	08-01380	1	-63.00		900
NONE	RESIDENTIAL		419 WASHINGTON STREET			
201400-00	MOSHER, JOHN	08-01400	1	170.00		500
NONE	RESIDENTIAL		425 WASHINGTON STREET			
201410-00	BRUNER, SMITH	08-01410	1	42.40		3600
NONE	RESIDENTIAL		422 WASHINGTON STREET			
201420-00	FAIRBANK, STEVE & JILL	08-01420	1	-1.80		11100
NONE	RESIDENTIAL		502 PRESTON AVENUE W			
201430-00	CARTER JEAN ADELE & RICHARDSON STANLEY	08-01430	1	40.00		100
NONE	RESIDENTIAL		508 PRESTON AVENUE W			
201440-00	ST WILLIAMS CATHOLIC CHURCH	08-01440	1	50.05		8700
NONE	RESIDENTIAL		416 PRESTON STREET			
201450-00	FAIRBANK, STEVE & JILL	08-01450	1	0.00		100
NONE	RESIDENTIAL		107 SPRUCE STREET			
201460-00	EVELETH, KARL	08-01460	1	42.10		3400
NONE	RESIDENTIAL		112 SPRUCE STREET			
201470-00	RIBEIRO, RAOUL	08-01470	1	42.55		3700
NONE	RESIDENTIAL		115 SPRUCE STREET			
201480-00	POMRENKE, DONALD & MICHAEL	08-01480	1	42.85		3900
NONE	RESIDENTIAL		116 SPRUCE STREET			
201490-00	RIBEIRO, RAOUL A & CHARLENE A	08-01490	1	40.00		1400
NONE	RESIDENTIAL		109 SPRUCE STREET			
201500-00	RIFFLE, CLARENCE	08-01500	1	0.00		2400
NONE	RESIDENTIAL		204 SPRUCE STREET			
201510-00	NEWMAN, DENNIS L. & MARIE	08-01510	1	45.50		8200
NONE	RESIDENTIAL		206 SPRUCE STREET			
201520-00	MOLZHON, BRIAN & MARIA	08-01520	1	44.50		5000
NONE	RESIDENTIAL		207 SPRUCE STREET			
201530-00	PARDEE, HENRY TY & KIM	08-01530	1	40.00		500
NONE	RESIDENTIAL		216 SPRUCE STREET			
201540-00	NEWMAN, DENNIS & MARIE	08-01540	1	23.00		2800
NONE	RESIDENTIAL		211 SPRUCE STREET			
201543-00	HUTZ, EUGENE F & SUSAN M	08-01543	1	43.00		4000
NONE	RESIDENTIAL		219 SPRUCE STREET			
201545-00	HUTZ, EUGENE F & SUSAN M	08-01545	1	40.00		1900
NONE	RESIDENTIAL		225 SPRUCE STREET			
201550-00	FARRINGTON, RAYMOND	08-01550	1	45.00		1300

NONE		RESIDENTIAL		220 SPRUCE STREET			
201555-00	NEWMAN, DENNIS & MARIE		08-01555	1	46.55		15400
NONE		RESIDENTIAL		226 SPRUCE STREET			
201560-00	LAKE, DONALD & CAROL		08-01560	1	23.65		5400
NONE		RESIDENTIAL		303 SPRUCE STREET			
201570-00	WARME REVOCABLE TRUST, CHRISTOPHER J		07-01570	1	40.00		1200
NONE		RESIDENTIAL		311 SPRUCE STREET APT. A			
201574-00	WARME REVOCABLE TRUST, CHRISTOPHER J		08-01574	1	-9.40		2400
NONE		RESIDENTIAL		311 SPRUCE STREET APT. B			
201580-00	BROWN, MICHAEL		08-01580	1	41.50		3000
NONE		RESIDENTIAL		317 SPRUCE STREET			
201590-00	HENSLEY, GARY L		08-01590	1	0.00		3000
NONE		RESIDENTIAL		323 SPRUCE STREET			
201600-00	SCHOOL DISTRICT #2		08-01600	1	335.85		35500
NONE		RESIDENTIAL		315 COLUMBIA STREET N - SCHOOL - GYM 3			
201605-00	SCHOOL DISTRICT #2		08-01605	1	30.00		0
NONE		RESIDENTIAL		306 HALEY AVE W - BASKET BALL COURT			
201610-00	CLARK, ISAAC		08-01610	1	0.00		1200
NONE		RESIDENTIAL		403 SPRUCE STREET			
201620-00	FARLAN, GLENDA		08-01620	1	40.00		2000
NONE		RESIDENTIAL		412 3RD AVE WEST			
201630-00	CREEKMORE, ALBERT & DRINDA		08-01630	1	40.00		1800
NONE		RESIDENTIAL		405 SPRUCE STREET			
201640-00	OLSON, MARTHA		08-01640	1	40.00		0
NONE		RESIDENTIAL		410 SPRUCE STREET			
201650-00	ARRANTS, STAN & EVA		08-01650	1	40.75		2500
NONE		RESIDENTIAL		411 SPRUCE STREET			
201655-00	ROBBINS, EVERETT		08-01655	1	126.65		1800
NONE		RESIDENTIAL		415 SPRUCE STREET			
201657-00	ROBBINS, EVERETT		08-01657	1	40.00		1200
NONE		RESIDENTIAL		417 SPRUCE STREET			
201660-00	MINEMYER, J.		08-01660	1	84.25		1400
NONE		RESIDENTIAL		420 SPRUCE STREET			
201665-00	BURTNETT, JAMES		08-01665	1	-302.10		1600
NONE		RESIDENTIAL		428 SPRUCE STREET			
201670-00	BRAY, DON		08-01670	1	40.00		600
NONE		RESIDENTIAL		427 SPRUCE STREET			
201680-00	VAUGHN, VIRGINIA		08-01680	1	0.00		1300
NONE		RESIDENTIAL		502 4TH AVENUE W			
201690-00	MILLER DONNA		08-01690	1	43.05		4000
NONE		RESIDENTIAL		412 4TH AVE WEST			
201710-00	GURDEN, JIMMIE		08-01710	1	0.00		1100
NONE		RESIDENTIAL		322 PRESTON AVENUE W			
201720-00	LEUFKENS FAMILY LLC		08-01720	1	40.75		2500
NONE		RESIDENTIAL		109 COLUMBIA STREET N			
201730-00	ARRANTS, STAN & EVA		08-01730	1	41.05		2700
NONE		RESIDENTIAL		110 COLUMBIA STREET N			
201740-00	BUCHANAN, SHERLEY & DEBORAH		08-01740	1	40.00		1800
NONE		RESIDENTIAL		116 COLUMBIA STREET N			
201750-00	BUCHANAN, SHERLEY & DEBORAH		08-01750	1	42.85		3900
NONE		RESIDENTIAL		317 OGDEN AVENUE W			
201760-00	LANZ, CAROL		08-01760	1	40.00		1300
NONE		RESIDENTIAL		115 COLUMBIA STREET N			
201780-00	DOHERTY, JAMES & SHANNON		08-01780	1	174.35		2500
NONE		RESIDENTIAL		214 COLUMBIA STREET N			
201790-00	THOMAS, STEVE		08-01790	1	0.00		4300
NONE		RESIDENTIAL		207 COLUMBIA STREET N			
201800-00	HUFF, ERNEST J & CHERYL A		08-01800	1	43.15		4100
NONE		RESIDENTIAL		213 COLUMBIA STREET N			
201810-00	TRAIN, ANTHONY & CHRISTINA		08-01810	1	42.70		3800
NONE		RESIDENTIAL		222 COLUMBIA STREET N			
201820-00	SHERMIKAS, MARCY		08-01820	1	52.15		10100
NONE		RESIDENTIAL		226 COLUMBIA STREET N			
201825-00	GRIMM, DORIS		08-01825	1	40.00		800
NONE		RESIDENTIAL		405 HALEY AVENUE W			
201830-00	HALPOP, JOHN		08-01830	1	0.00		0

NONE		RESIDENTIAL		406 3RD AVE WEST		
201840-00	JONES, NATAUSHA	08-01840	1	0.00		6300
NONE		RESIDENTIAL		404 COLUMBIA STREET N		
201850-00	COBB, GARY	08-01850	1	40.00		1900
NONE		RESIDENTIAL		406 COLUMBIA STREET N		
201860-00	GIEGLING, JOSEPH	08-01860	1	-56.75		9400
NONE		RESIDENTIAL		410 COLUMBIA STREET N		
201865-00	DONALDSON, BRUCE M & LAURA C	08-01865	1	41.00		3000
NONE		RESIDENTIAL		415 COLUMBIA STREET N		
201870-00	QUIMBY, LEINA GRACE	08-01870	1	48.10		7400
NONE		RESIDENTIAL		418 COLUMBIA STREET N		
201880-00	AUSTIN, ROD	08-01880	1	40.00		1400
NONE		RESIDENTIAL		428 COLUMBIA STREET N		
201890-00	KOKER, DENNIS & LISA	08-01890	1	88.60		3400
NONE		RESIDENTIAL		427 COLUMBIA STREET N		
201900-00	ROBINSON, NINA	08-01900	1	40.00		1100
NONE		RESIDENTIAL		503 COLUMBIA STREET N		
201901-00	ROBINSON, NINA	08-01901	1	42.85		3900
NONE		RESIDENTIAL		511 COLUMBIA STREET N		
201905-00	CHENOWETH, DARRELL & SHAWNA RAE	08-01905	1	43.00		4000
NONE		RESIDENTIAL		514 COLUMBIA STREET N		
201910-00	GRIMM, DORIS	08-01910	1	40.00		1100
NONE		RESIDENTIAL		506 COLUMBIA STREET N		
201920-00	CHENOWETH, DARRELL & SHAWNA RAE	02-019200	1	0.00		0
NONE		RESIDENTIAL		510 COLUMBIA STREET N		
201930-00	USDA UTILITY	08-01930	1	60.00		0
NONE		RESIDENTIAL		601 COLUMBIA STREET N		
201950-00	LYGHT, DAVID & DOROTHY	08-01950	1	41.95		3300
NONE		RESIDENTIAL		308 PRESTON AVENUE W		
201960-00	WELLS, DICK	08-01960	1	0.00		1600
NONE		RESIDENTIAL		312 PRESTON AVENUE W		
201970-00	TRAIN PROPERTIES LLC	08-01970	1	44.95		5300
NONE		RESIDENTIAL		210 PRESTON AVENUE W - DUPLEX		
201980-00	PARKER, NOLAN	08-01980	1	43.30		4200
NONE		RESIDENTIAL		300 PRESTON AVENUE W		
201990-00	TRAIN PROPERTIES LLC	08-01990	1	40.00		2000
NONE		RESIDENTIAL		108 CEDAR STREET		
202000-00	BUCHANAN, SHERLEY & DEBORAH	08-02000	1	52.90		10600
NONE		RESIDENTIAL		115 CEDAR STREET		
202010-00	CARMAN, NEIL	08-02010	1	0.00		1300
NONE		RESIDENTIAL		114 CEDAR STREET		
202020-00	BUCHANAN, SHERLEY & DEBORAH	08-02020	1	40.00		0
NONE		RESIDENTIAL		309 OGDEN AVENUE W		
202030-00	NOWAK, CHRISTINE T	08-02030	1	0.00		4100
NONE		RESIDENTIAL		202 CEDAR STREET		
202040-00	HILL, DIXIE	08-02040	1	40.00		1200
NONE		RESIDENTIAL		207 CEDAR STREET		
202050-00	PREVIS, ARTHUR	08-02050	1	2.00		0
NONE		RESIDENTIAL		216 CEDAR STREET		
202060-00	BOESPFLUG MICHAEL & HOLO MARY LYNN	08-02060	1	0.00		0
NONE		RESIDENTIAL		219 CEDAR STREET		
202070-00	WHITTENBURG, KEVIN & SUE	08-02070	1	0.00		2300
NONE		RESIDENTIAL		211 HALEY AVENUE W		
202090-00	ROGERS, BARBARA	08-02090	1	44.75		5200
NONE		RESIDENTIAL		212 3RD AVE WEST		
202100-00	BROWN, RAYMOND C	08-02100	1	42.70		3800
NONE		RESIDENTIAL		405 CEDAR STREET		
202105-00	WINE, LEROY & KAYLEEN	08-02105.0	1	40.00		1800
NONE		RESIDENTIAL		411 CEDAR STREET		
202110-00	ANDERSON, JAMES E.	08-02110	1	40.00		1700
NONE		RESIDENTIAL		415 CEDAR STREET		
202120-00	CREEKMORE, ALBERT & DRINDA	08-02120	1	41.35		2900
NONE		RESIDENTIAL		419 CEDAR STREET		
202130-00	PARKER, NOLAN	08-02130	1	46.90		6600
NONE		RESIDENTIAL		414 CEDAR STREET		
202150-00	FLEMMER, PAUL & RHONDA	08-02150	1	41.20		2800

NONE		RESIDENTIAL		428 CEDAR STREET		
202160-00	SHULTZ, DANIEL G & DELLA M		08-02160	1	45.40	5600
NONE		RESIDENTIAL		427 CEDAR STREET		
202170-00	SCHAEFER ENTERPRISES		08-02170	1	55.90	12600
NONE		RESIDENTIAL		506 CEDAR STREET		
202180-00	PULFER, CHAD		08-02180	1	24.70	7500
NONE		RESIDENTIAL		503 CEDAR STREET		
202220-00	BORDEN, JAMES M.		08-02220	1	46.60	6400
NONE		RESIDENTIAL		515 CEDAR STREET		
202230-00	ANDERSEN, DAN		08-02230	1	17.60	5000
NONE		RESIDENTIAL		522 CEDAR STREET		
202240-00	FOWLE, MICHAEL		08-02240	1	49.30	8200
NONE		RESIDENTIAL		202 PRESTON AVENUE W		
202250-00	PARKER NOLAN & LINDA		08-02250	1	43.60	4400
NONE		RESIDENTIAL		120 PRESTON AVENUE W		
202260-00	MILLER, DOUGLAS & CINDIE		08-02260	1	126.80	100
NONE		RESIDENTIAL		112 PRESTON AVENUE W		
202270-00	SHUTTLE, STEVE		08-02270	1	0.00	1500
NONE		RESIDENTIAL		108 PRESTON AVENUE W		
202280-00	WOLLASTON, JEFF		08-02280	1	40.00	500
NONE		RESIDENTIAL		116 FERRY STREET N		
202290-00	DOWELL, JAY & TERRI		08-02290	1	0.00	6000
NONE		RESIDENTIAL		115 FERRY STREET N		
202300-00	MAUDRONE, KATHERINE F.		08-02300	1	40.00	1100
NONE		RESIDENTIAL		205 FERRY STREET N		
202310-00	MOSELEY JR, DAVID M		08-02310	1	44.20	4800
NONE		RESIDENTIAL		204 FERRY STREET N		
202320-00	SCOTT, ROY & TINA		08-02320	1	40.00	1800
NONE		RESIDENTIAL		209 FERRY STREET N		
202330-00	SANFORD, KENNETH		08-02330	1	46.60	6400
NONE		RESIDENTIAL		212 FERRY STREET N		
202340-00	PEELE, JAKI		08-02340	1	45.25	5500
NONE		RESIDENTIAL		219 FERRY STREET N		
202350-00	TF HILL PROPERTY LLC		08-02350	1	88.45	3300
NONE		RESIDENTIAL		216 FERRY STREET N		
202360-00	ROCHELEAU, LINDA		08-02360	1	-40.00	700
NONE		RESIDENTIAL		227 FERRY STREET N		
202370-00	FRANCK, COREY & ALYSHA		08-02370	1	47.65	7100
NONE		RESIDENTIAL		228 FERRY STREET N		
202380-00	JONES, BRIDGET		08-02380	1	40.00	2000
NONE		RESIDENTIAL		304 FERRY STREET N		
202390-00	ARRANTS, STANLEY & EVA		08-02390	1	40.00	100
NONE		RESIDENTIAL		312 FERRY STREET N		
202410-00	ALEXANDER, SETH & SANDRA		08-02410	1	0.00	1600
NONE		RESIDENTIAL		320 FERRY STREET N		
202440-00	CROWDER, JAMES R & SUSAN A		08-02440	1	0.00	7700
NONE		RESIDENTIAL		326 FERRY STREET N		
202461-00	OXFORD, ROBYN		08-02461	1	44.35	4900
NONE		RESIDENTIAL		403 FERRY STREET N		
202470-00	OXFORD, ROBYN		08-02470	1	41.50	3000
NONE		RESIDENTIAL		407 FERRY STREET N		
202475-00	GILLILAND, JAMES		08-02475	1	48.85	7900
NONE		RESIDENTIAL		408 FERRY STREET N		
202480-00	OXFORD, ROBYN		08-02480	1	40.60	2400
NONE		RESIDENTIAL		409 FERRY STREET N		
202490-00	WEDEL, MARK		08-02490	1	81.05	2300
NONE		RESIDENTIAL		414 FERRY STREET N		
202500-00	ALBANO, SETH & TASHA		08-02500	1	43.60	4400
NONE		RESIDENTIAL		413 FERRY STREET N		
202510-00	GREGORY, LISA M. & SHAYNE		08-02510	1	40.20	2500
NONE		RESIDENTIAL		420 FERRY STREET N		
202520-00	MCGANN, KEVIN & TRACY		08-02520	1	43.45	4300
NONE		RESIDENTIAL		421 FERRY STREET N		
202530-00	PARKER, NOLAN		08-02530	1	50.35	8900
NONE		RESIDENTIAL		426 FERRY STREET N		
202540-00	GREENOUGH, LANA		08-02540	1	45.55	5700

NONE		RESIDENTIAL		111 4TH AVE W		
202550-00	GREENWOOD, JACOB & RHIANNON		08-02550	1	0.00	4300
NONE		RESIDENTIAL		425 FERRY STREET N		
202580-00	SOULE, VONA		08-02580	1	87.40	2700
NONE		RESIDENTIAL		507 FERRY STREET N		
202590-00	WRIGHT, RONALD C. SR & RONI		08-02590	1	0.00	3100
NONE		RESIDENTIAL		518 FERRY STREET N		
202600-00	GUNDERSON, DOUGLAS K & CONNIE DEE		08-02600	1	40.00	900
NONE		RESIDENTIAL		112 4TH AVE WEST		
302610-00	PARKER, NOLAN		08-02610	1	42.10	3400
NONE		RESIDENTIAL		104 PRESTON AVENUE W		
302620-00	CONTRERAS, EUGENE		08-02620	1	-24.70	800
NONE		RESIDENTIAL		106 GROVE STREET		
302630-00	LOWRIE, MARY		08-02630	1	35.30	2200
NONE		RESIDENTIAL		107 GROVE STREET		
302640-00	MAGDALENE, CHRISTINE		08-02640	1	41.80	3200
NONE		RESIDENTIAL		111 GROVE STREET		
302650-00	GRIMM, DOUG		08-02650	1	41.95	3300
NONE		RESIDENTIAL		117 GROVE STREET		
302660-00	JOHNSON, HELEN M.C.		08-02660	1	40.00	1400
NONE		RESIDENTIAL		118 GROVE STREET		
302670-00	TERRAZAS, MARC		08-02670	1	41.80	3200
NONE		RESIDENTIAL		203 GROVE STREET		
302680-00	TORGRIMSON, DARRELL		08-02680	1	0.00	2900
NONE		RESIDENTIAL		207 GROVE STREET		
302690-00	WHITE, JOHN		08-02690	1	40.00	1900
NONE		RESIDENTIAL		206 GROVE STREET		
302700-00	WHITE, JOHN		08-02700	1	40.00	1800
NONE		RESIDENTIAL		212 GROVE STREET		
302710-00	SHEETS, MARK L.		08-02710	1	0.00	2200
NONE		RESIDENTIAL		215 GROVE STREET		
302720-00	WHITE, JOHN		08-02720	1	40.00	1700
NONE		RESIDENTIAL		216 GROVE STREET		
302730-00	GRANTHAM, BOYD		08-02730	1	85.00	1900
NONE		RESIDENTIAL		219 GROVE STREET		
302740-00	NAGY, JOHN & EVELYN		08-02740	1	9.65	3700
NONE		RESIDENTIAL		224 GROVE STREET		
302750-00	MILLIGAN, LAWRENCE & BARBARA		08-02750	1	40.00	900
NONE		RESIDENTIAL		303 GROVE STREET		
302760-00	LOFTHUS, OBERT JR		08-02760	1	41.50	3000
NONE		RESIDENTIAL		107 HALEY AVENUE E		
302770-00	BISHOP, TERESA		08-02770	1	42.10	3400
NONE		RESIDENTIAL		309 GROVE STREET		
302780-00	BROWN, JASON D. & JENNA J.S.		08-02780	1	43.30	4200
NONE		RESIDENTIAL		315 GROVE STREET		
302800-00	LOFTHUS, OBERT JR		08-02800	1	40.00	700
NONE		RESIDENTIAL		314 GROVE STREET		
302805-00	SCOTT, MICHAEL		08-02805	1	44.95	5300
NONE		RESIDENTIAL		322 GROVE STREET		
302810-00	ENGEL, RICHARD & CARLA		08-02810	1	43.90	4600
NONE		RESIDENTIAL		323 GROVE STREET		
302815-00	KEPPNER, CYNTHIA		08-02815	1	47.50	7000
NONE		RESIDENTIAL		326 GROVE STREET		
302820-00	MOSHER, RICHARD		08-02820	1	0.00	1000
NONE		RESIDENTIAL		402 GROVE STREET		
302823-00	PATTERSON, MELVIN		08-02823	1	85.00	800
NONE		RESIDENTIAL		106 3RD AVENUE W		
302830-00	MARSDEN, TERRE		08-02830	1	0.00	1100
NONE		RESIDENTIAL		410 GROVE STREET		
302840-00	MAGOFFIN, RICHARD		08-02840	1	41.95	3300
NONE		RESIDENTIAL		417 GROVE STREET		
302850-00	O'NEILL, WILLIAM & MARILYN		08-02850	1	94.05	2800
NONE		RESIDENTIAL		418 GROVE STREET		
302870-00	WILLIAMS, H. THOMAS		08-02870	1	46.00	6000
NONE		RESIDENTIAL		108 4TH AVE EAST		
302880-00	HAMMETT, CHARLES		08-02880	1	41.65	3100

NONE		RESIDENTIAL		427 GROVE STREET		
302890-00	DEATON, WILLIAM	08-02890	1	40.00		1400
NONE		RESIDENTIAL		504 GROVE STREET		
302900-00	MILNER, PAT	08-02900	1	41.35		2900
NONE		RESIDENTIAL		503 GROVE STREET		
302930-00	CULLEN, SANDRA	08-02930	1	30.00		0
NONE		RESIDENTIAL		517 GROVE STREET		
302940-00	SHEAR, E. W.	08-02940	1	0.00		10200
NONE		RESIDENTIAL		527 GROVE STREET		
302950-00	HAASE, DAVE	08-02950	1	0.00		2700
NONE		RESIDENTIAL		111 5TH AVENUE W.		
302955-00	HALL, MARY LYNN	08-02955	1	0.00		1300
NONE		RESIDENTIAL		518 GROVE STREET		
302960-00	HALL, DAVID & TRISTA	08-02960	1	90.55		3800
NONE		RESIDENTIAL		520 GROVE STREET		
302965-00	FROST, BEULAH	08-02965	1	40.00		1800
NONE		RESIDENTIAL		530 GROVE STREET		
302970-00	BYERS, JOHNNY	08-02970	1	0.00		1600
NONE		RESIDENTIAL		604 GROVE STREET		
302980-00	BRASS, LAURIE	08-02980	1	40.00		2000
NONE		RESIDENTIAL		601 GROVE STREET		
302990-00	TAYLOR, CLINTON	08-02990	1	40.00		1300
NONE		RESIDENTIAL		107 GREENWOOD STREET		
303000-00	MCCUAIG, JAMES M. & JOSIE	08-03000	1	40.00		1300
NONE		RESIDENTIAL		104 GREENWOOD STREET		
303015-00	VERLANIC, LYNN R	08-03015	1	0.00		2900
NONE		RESIDENTIAL		117 GREENWOOD STREET		
303020-00	MCCUAIG, JAMES M. & JOSIE	08-03020	1	40.00		1400
NONE		RESIDENTIAL		116 GREENWOOD STREET - HOUSE		
303030-00	DEXTER, SHARON	08-03030	1	94.40		6900
NONE		RESIDENTIAL		202 GREENWOOD STREET		
303035-00	BRIGHT, CANDACE	08-03035	1	41.95		3300
NONE		RESIDENTIAL		214 GREENWOOD STREET		
303037-00	KNUTSON, RODNEY A & RISHELLE O	08-03037	1	40.00		300
NONE		RESIDENTIAL		216 GREENWOOD STREET - SHOP		
303040-00	TAYLOR, TERESA K.	08-03040	1	283.45		5800
NONE		RESIDENTIAL		201 GREENWOOD STREET		
303041-00	TAYLOR, STEVE	08-03041	1	46.45		6300
NONE		RESIDENTIAL		205 GREENWOOD STREET		
303070-00	THORPE, WANDA L.	08-03070	1	40.90		2600
NONE		RESIDENTIAL		208 HALEY AVENUE E		
303080-00	CORK, TERRY & KIM	08-03080	1	44.95		5300
NONE		RESIDENTIAL		225 GREENWOOD STREET		
303090-00	LACY JERRY & NAGRONE CHARLOTTE	08-03090	1	0.00		6000
NONE		RESIDENTIAL		305 GREENWOOD STREET		
303100-00	LOFTHUS, JOSHUA & GILLIAN	08-03100	1	-4.00		3300
NONE		RESIDENTIAL		414 GREENWOOD STREET		
303121-00	RILEY, KATHI	08-03121	1	2.00		0
NONE		RESIDENTIAL		403 GREENWOOD STREET		
303130-00	BEITZ, VICKIE	08-03130	1	40.00		2000
NONE		RESIDENTIAL		424 GREENWOOD STREET		
303140-00	SCHARFE, MICHAEL & LACEY	08-03140	1	44.50		5900
NONE		RESIDENTIAL		425 GREENWOOD STREET		
303150-00	WILLIAMS, BLANCHE	08-03150	1	40.00		1400
NONE		RESIDENTIAL		505 GREENWOOD STREET		
303160-00	HAND, CHRIS	08-03160	1	85.30		2200
NONE		RESIDENTIAL		511 GREENWOOD STREET		
303170-00	BLOUIN, DENNIS	03-03170	1	-170.00		0
NONE		RESIDENTIAL		520 GREENWOOD		
303180-00	MCGAUGHEY, MICHELLE	08-03180.00	1	45.70		5800
NONE		RESIDENTIAL		508 GREENWOOD STREET		
303190-00	KEITH CHERYL A AND THORNTON SHANNON L	08-03190	1	41.05		2700
NONE		RESIDENTIAL		517 GREENWOOD STREET		
303200-00	THOMAS, JAMES & TRACY	08-03200	1	41.35		2900
NONE		RESIDENTIAL		524 GREENWOOD STREET		
303210-00	RICHMOND, LISA	08-03210	1	35.00		600

NONE		RESIDENTIAL		208 5TH AVE EAST		
303220-00	SHAFFORD, JED & KARRIE	08-03220	1	45.55	5700	
NONE		RESIDENTIAL		607 GREENWOOD STREET		
303230-00	THOME, CLINT	08-03230	1	40.60	2400	
NONE		RESIDENTIAL		612 GREENWOOD STREET		
303240-00	REICHERT, BETTY ANN	08-03240	1	89.05	3400	
NONE		RESIDENTIAL		105 WOODLAND STREET		
303250-00	GREAVES JAMES M. & CHADWICK LARK L.	08-03250	1	40.00	1600	
NONE		RESIDENTIAL		108 WOODLAND STREET		
303270-00	HILL, ROBB & ALICIA	08-03270	1	41.80	3200	
NONE		RESIDENTIAL		114 WOODLAND STREET		
303280-00	ROBIRTS, FRANK	08-03280	1	40.00	1800	
NONE		RESIDENTIAL		117 WOODLAND STREET		
303290-00	WILLIAMS, THOMAS	08-03290	1	146.05	1500	
NONE		RESIDENTIAL		207 WOODLAND STREET		
303300-00	PARKER, NOLAN	08-03300	1	44.65	5100	
NONE		RESIDENTIAL		211 WOODLAND STREET		
303305-00	BARRUS, TRAVIS	08-03305	1	45.70	5800	
NONE		RESIDENTIAL		215 WOODLAND STREET		
303310-00	BOOTHE, JUDITH & EDDIE	08-03310	1	41.65	3100	
NONE		RESIDENTIAL		204 WOODLAND STREET		
303320-00	HOLDEN, GENEVA	08-03320	1	42.55	3700	
NONE		RESIDENTIAL		208 WOODLAND STREET		
303330-00	KULAWINSKI, STEPHEN	08-03330	1	0.00	3100	
NONE		RESIDENTIAL		212 WOODLAND STREET		
303350-00	FRANK, ROBERT & ANGELA	08-03350	1	52.00	10000	
NONE		RESIDENTIAL		222 WOODLAND STREET		
303360-00	WILSON, VICKIE SUE	08-03360	1	125.00	1100	
NONE		RESIDENTIAL		214 HALEY AVENUE E		
303365-00	FRATERNAL CEMETERY	08-03365	1	0.00	0	
NONE		RESIDENTIAL		300 BLOCK WOODLAND		
303370-00	HUNTLEY, HARLEY	08-03370	1	40.00	1900	
NONE		RESIDENTIAL		307 3RD AVE EAST		
303380-00	STOUT, JOE	08-03380	1	41.35	2900	
NONE		RESIDENTIAL		403 WOODLAND STREET		
303390-00	GARCIA, ALISA & LUIS III	08-03390	1	40.00	100	
NONE		RESIDENTIAL		413 WOODLAND STREET		
303395-00	CLARK, STEVE	08-03395	1	40.00	500	
NONE		RESIDENTIAL		420 WOODLAND STREET		
303400-00	DENSON, CHARLES & KRISTI	08-03400	1	117.10	14300	
NONE		RESIDENTIAL		421 WOODLAND STREET		
303410-00	WITTERS, JEAN M	08-03410	1	710.00	0	
NONE		RESIDENTIAL		427 WOODLAND STREET		
303420-00	ADAMS, ROBERT	08-03420	1	41.20	2200	
NONE		RESIDENTIAL		428 WOODLAND STREET		
303430-00	FRANK, DOROTHY	08-03430	1	40.75	2500	
NONE		RESIDENTIAL		506 WOODLAND STREET		
303435-00	HOFMEISTER, ROBERT	08-03435	1	-40.00	0	
NONE		RESIDENTIAL		217 4TH AVE EAST		
303460-00	LOEWEN, LARAMIE	08-03460	1	25.85	1600	
NONE		RESIDENTIAL		507 1/2 WOODLAND STREET		
303470-00	HEISE, RONDA	08-03470	1	41.05	2700	
NONE		RESIDENTIAL		524 WOODLAND STREET		
303480-00	DOTY, BRYCE	08-03480	1	95.95	6100	
NONE		RESIDENTIAL		523 WOODLAND STREET		
303490-00	HART, MITZI LEE	08-03490.00	1	0.00	1400	
NONE		RESIDENTIAL		308 5TH AVE EAST		
303500-00	STIMPFLING, ELISE M	08-03500	1	0.00	4900	
NONE		RESIDENTIAL		611 WOODLAND STREET		
303510-00	JOHNSON MARK & KIMBALL CHRISTY	08-03510	1	41.20	2800	
NONE		RESIDENTIAL		617 WOODLAND STREET		
303520-00	CAMPBELL, GARY	08-03520	1	0.00	9600	
NONE		RESIDENTIAL		622 WOODLAND STREET		
303530-00	TRAIN, ANTHONY & CHRISTINA	08-03530	1	40.30	2200	
NONE		RESIDENTIAL		107 CLAY STREET		
303540-00	RANDALL, MARY ANN	08-03540	1	51.25	9500	

NONE		RESIDENTIAL		104 CLAY STREET		
303550-00	VOLKMAN, TERRY		08-03550	1	40.75	2500
NONE		RESIDENTIAL		110 CLAY STREET		
303560-00	SCHAEFER ENTERPRISES		08-03560	1	43.15	4100
NONE		RESIDENTIAL		204 CLAY STREET		
303580-00	HAUGHTON, JIM		08-03580	1	0.00	1200
NONE		RESIDENTIAL		210 CLAY STREET		
303590-00	COMMERS, KENNETH		03-03590	1	-3.00	0
NONE		RESIDENTIAL		201 CLAY STREET		
303600-00	BUCKLES, MARTIN & LINDA		08-03600	1	43.00	4000
NONE		RESIDENTIAL		205 CLAY STREET		
303610-00	SMITH, CLAYTON		08-03610	1	41.95	3300
NONE		RESIDENTIAL		211 CLAY STREET		
303620-00	WILBURN, CLYDE		08-03620	1	40.00	1700
NONE		RESIDENTIAL		218 CLAY STREET		
303630-00	GUNN, GERALD		08-03630	1	50.35	8900
NONE		RESIDENTIAL		221 CLAY STREET		
303635-00	CHUBB, BILLIE		08-03635	1	0.00	400
NONE		RESIDENTIAL		219 CLAY STREET		
303640-00	CAMPBELL, STEFANEY		08-03640	1	30.00	0
NONE		RESIDENTIAL		222 CLAY STREET		
303650-00	SWOPE, ROY & ALICE & FLOYD		08-03650	1	0.00	2100
NONE		RESIDENTIAL		228 CLAY STREET		
303660-00	DODGE, RONALD L.		08-03660	1	40.00	700
NONE		RESIDENTIAL		225 CLAY STREET		
303670-00	BUTLER, JOHN & DONNA		08-03670	1	88.30	4200
NONE		RESIDENTIAL		303 CLAY STREET		
303680-00	GOETZ, PAUL F. & VIOLA M.		08-03680	1	58.15	14100
NONE		RESIDENTIAL		306 CLAY STREET		
303690-00	CARTER, LILLIAN		08-03690	1	40.00	1100
NONE		RESIDENTIAL		314 CLAY STREET		
303700-00	MCGUIGAN, ALBERT L		08-03700	1	170.00	0
NONE		RESIDENTIAL		324 CLAY STREET		
303710-00	HUNTLEY, HARLEY H.		08-03710	1	40.00	0
NONE		RESIDENTIAL		311 3RD AVE EAST		
303720-00	FRANZWA, DARLENE E.		08-03720	1	40.00	0
NONE		RESIDENTIAL		415 CLAY STREET		
303730-00	KNERR, JOHN & BRIDGET		08-03730	1	0.00	3100
NONE		RESIDENTIAL		416 CLAY STREET		
303735-00	BAYLOR, CAROL		08-03735	1	40.00	1400
NONE		RESIDENTIAL		421 CLAY STREET		
303740-00	SNELL, STEVEN		08-03740	1	45.85	5900
NONE		RESIDENTIAL		427 CLAY STREET		
303750-00	MCEWEN, ARTHUR		08-03750	1	0.00	4900
NONE		RESIDENTIAL		428 CLAY STREET		
303760-00	CURRY, SCOTT & CELESTE		08-03760	1	43.15	4100
NONE		RESIDENTIAL		509 CLAY STREET		
303770-00	CHRISTIAN, MARJORIE		08-03770	1	41.80	3200
NONE		RESIDENTIAL		315 4TH AVE EAST		
303780-00	JUNGE, GUNNER		08-03780	1	0.00	3600
NONE		RESIDENTIAL		407 4TH AVE EAST		
303800-00	HEDAHL, WESLEY A.		08-03800	1	42.55	3700
NONE		RESIDENTIAL		515 CLAY STREET		
303810-00	WIECKOWSKI, SHERRY		08-03810	1	47.05	6700
NONE		RESIDENTIAL		520 CLAY STREET		
303820-00	BUTLER, CHARLES V & DONNA M		08-03820	1	44.65	5100
NONE		R-APARTMENT		521 CLAY STREET		
303830-00	HAMEL, KELLY		08-03830	1	41.43	3900
NONE		RESIDENTIAL		523 CLAY STREET		
303840-00	BARAJAS, JESU C		08-03840	1	0.00	3800
NONE		RESIDENTIAL		528 CLAY STREET		
303860-00	THOMPSON, GARY & JAN		08-03860	1	41.50	3000
NONE		RESIDENTIAL		610 CLAY STREET		
303870-00	ELLUL, MICHAEL & JAMIE		08-03870	1	0.00	2900
NONE		RESIDENTIAL		604 CLAY STREET		
303880-00	ANDERSON, DORA		08-03880	1	93.85	5100

NONE		RESIDENTIAL		617 CLAY STREET		
303890-00	HART, MARSHA LYNN		08-03890	1	40.15	2100
NONE		RESIDENTIAL		614 CLAY STREET		
303900-00	VICK, KENNETH & PHYLLIS		08-03900	1	-15.20	6400
NONE		RESIDENTIAL		622 CLAY STREET		
303910-00	HERREID, TODD & ANITA		08-03910	1	30.00	3400
NONE		RESIDENTIAL		625 CLAY STREET		
303921-00	CONWAY, RICHARD		08-03921	1	40.00	0
NONE		RESIDENTIAL		626 CLAY STREET		
303930-00	HAMEL, RON		08-03930	1	40.00	0
NONE		RESIDENTIAL		202 CHURCH STREET		
303940-00	DYKSTRA, DAVID		08-03940	1	41.50	3000
NONE		RESIDENTIAL		201 CHURCH STREET		
303950-00	PARDEE, CHAD & LEANNA		08-03950	1	69.49	1500
NONE		RESIDENTIAL		208 CHURCH STREET		
303960-00	SAINT, STEVEN G. & BARBARA L.		08-03960	1	50.20	8800
NONE		RESIDENTIAL		214 CHURCH STREET		
303970-00	LILLY, MICHAEL		08-03970	1	41.65	3100
NONE		RESIDENTIAL		207 CHURCH STREET		
303990-00	PENTECOSTAL CHURCH OF GOD		08-03990	1	40.00	0
NONE		RESIDENTIAL		414 HALEY AVENUE E		
304000-00	VOLD, JOY NICOLE		08-04000	1	-6.95	4600
NONE		RESIDENTIAL		307 CHURCH STREET		
304010-00	CHRISTIAN CHURCH		08-04010	1	40.00	200
NONE		RESIDENTIAL		306 CHURCH STREET		
304020-00	KEEFE, RHODA		08-04020	1	44.65	5100
NONE		RESIDENTIAL		313 CHURCH STREET		
304030-00	YODER, JOEL & ERMA		08-04030	1	30.00	0
NONE		RESIDENTIAL		318 CHURCH STREET		
304040-00	HAMILTON, JUNE		08-04040	1	50.50	9000
NONE		RESIDENTIAL		319 CHURCH STREET		
304050-00	PARDEE, CHAD & LEANNA		08-04050	1	-5.00	800
NONE		RESIDENTIAL		330 CHURCH STREET		
304060-00	EPPERSON, ZACHARY		08-04060	1	40.00	1000
NONE		RESIDENTIAL		403 CHURCH STREET		
304080-00	SNIDER, JOHN & ROSA		08-04080	1	40.00	0
NONE		RESIDENTIAL		408 CHURCH STREET		
304090-00	STONE, EILEEN		08-04090	1	40.00	700
NONE		RESIDENTIAL		415 CHURCH STREET		
304111-00	WILSON, JOHN & MELISSA		08-04111	1	44.20	4800
NONE		RESIDENTIAL		426 CHURCH STREET		
304115-00	LACY, GLENN		08-04115	1	40.00	700
NONE		RESIDENTIAL		511 4TH AVE EAST		
304120-00	BURRELL, DON		08-04120	1	0.00	3700
NONE		RESIDENTIAL		504 CHURCH STREET		
304130-00	FARGHER, RICHARD AND VALERIE		08-04130	1	15.90	7300
NONE		RESIDENTIAL		509 CHURCH STREET		
304135-00	ELLIOTT, GEORGE & LINDA		08-04135	1	0.00	1300
NONE		RESIDENTIAL		511 CHURCH STREET		
304140-00	GARRETT, CRAIG		08-04140	1	-240.00	0
NONE		RESIDENTIAL		512 CHURCH STREET		
304150-00	MERRIMAN, TROY & APRIL		08-04150	1	92.75	5400
NONE		RESIDENTIAL		519 CHURCH STREET		
304170-00	FRANCK, BRANDEN & ERICA		08-04170	1	39.90	5100
NONE		RESIDENTIAL		507 5TH AVE EAST		
304180-00	DELONG, PAUL & DONNA		08-04180	1	41.50	3000
NONE		RESIDENTIAL		603 CHURCH STREET		
304190-00	SPARKS, DAVID G.		08-04190	1	47.20	6800
NONE		RESIDENTIAL		610 CHURCH STREET		
304195-00	SHARP, GREG		08-04195	1	0.00	3500
NONE		RESIDENTIAL		609 CHURCH STREET		
304200-00	KELLY, TIMOTHY J		08-04200	1	42.25	3500
NONE		RESIDENTIAL		617 CHURCH STREET		
304210-00	BENNETT DAVE - SALEESH		08-04210	1	-398.40	4100
NONE		RESIDENTIAL		510 BIGHORN DRIVE		
304220-00	BENNETT DAVID - MOUNTAIN HOUSE		08-04220	1	-355.45	6800

NONE		RESIDENTIAL		507 BIGHORN DRIVE		
304225-00	FARRINGTON, HAROLD		08-04225	1	86.50	2600
NONE		RESIDENTIAL		525 BIGHORN DRIVE		
304230-00	WADSWORTH, LARRY		08-04230	1	45.10	5400
NONE		RESIDENTIAL		530 BIGHORN DRIVE		
304240-00	PARKS, DAN		08-04240	1	41.20	2800
NONE		RESIDENTIAL		538 BIGHORN DRIVE		
304246-00	ROBINSON, DUSTIN & CHRISTINE		08-04246	1	47.95	7300
NONE		RESIDENTIAL		549 BIGHORN DRIVE		
304250-00	DERENBURGER LONNA & ROBERTS RANDY		08-04250	1	41.20	2800
NONE		RESIDENTIAL		546 BIGHORN DRIVE		
304253-00	DARBY JR, ORVILLE L		08-04253	1	0.00	2500
NONE		RESIDENTIAL		102 KOO KOO SINT COURT		
304257-00	MCEWEN, ARTHUR		08-04257	1	0.00	2000
NONE		RESIDENTIAL		205 KANIKSU CT		
304260-00	HOEKEMA, STAN & EMERYL		08-04260	1	45.10	5400
NONE		RESIDENTIAL		104 KOOKOO SINT COURT		
304261-00	CORK, COURTNEY B		08-04261	1	37.65	4900
NONE		RESIDENTIAL		105 KANIKSU CT		
304262-00	HAWKINS, GLENN & DONNA		08-04262	1	41.35	2900
NONE		RESIDENTIAL		605 BIGHORN DRIVE		
304264-00	TURK, CAROL		08-04264	1	-72.45	1100
NONE		RESIDENTIAL		101 KOOKOO SINT COURT		
304266-00	MEYERS, JEREMY & ALICIA		08-04266	1	41.95	3300
NONE		RESIDENTIAL		108 KANIKSU CT		
304267-00	VAUGHT, KEVIN		08-04267	1	0.00	4600
NONE		RESIDENTIAL		106 KANIKSU CT		
304268-00	EGGENSPERGER, TOM		08-04268	1	40.90	2600
NONE		RESIDENTIAL		102 KANIKSU CT		
304280-00	KEPPNER, THOMAS & MILDRED		07-04280	1	46.75	6500
NONE		RESIDENTIAL		610 BIGHORN DRIVE		
304290-00	CASTILLO, STEPHANIE		07-04290	1	40.00	500
NONE		RESIDENTIAL		106 BIG BUCK DRIVE		
304310-00	NEAL, GERALD & DONNA		07-04310	1	-126.90	0
NONE		RESIDENTIAL		777 GRIZZLY DRIVE		
313110-00	WILSON, GLENN		08-13110	1	0.00	2300
NONE		RESIDENTIAL		611 GRIZZLY DRIVE		
313130-00	MILNER, LARRY & THERESA		08-13130	1	42.70	3800
NONE		RESIDENTIAL		600 GRIZZLY DRIVE		
313140-00	TALLANT DAVID L & DRESSEL LAURA		08-13140	1	-241.50	0
NONE		RESIDENTIAL		555 GRIZZLY DRIVE		
313150-00	HINCK, TROY & ALICE		08-13150	1	40.00	600
NONE		RESIDENTIAL		551 GRIZZLY DRIVE		
313160-00	GREENWELL, GREGORY & APRIL		08-13160	1	41.80	3200
NONE		RESIDENTIAL		556 GRIZZLY DRIVE		
313170-00	BRUSE, PATRICK M		08-13170	1	40.00	1600
NONE		RESIDENTIAL		543 GRIZZLY DRIVE		
313210-00	MEAGHER, GARY SR & GLORIA		08-13210	1	40.75	2500
NONE		RESIDENTIAL		537 GRIZZLY DRIVE		
313215-00	WEBSTER KELLY		08-13215	1	42.05	3800
NONE		RESIDENTIAL		525 GRIZZLY DRIVE		
313220-00	BOON, BLAKE E		08-13220	1	41.05	2700
NONE		RESIDENTIAL		511 GRIZZLY DRIVE		
313400-00	CURRY, DONNA J.		08-13400	1	-40.00	1600
NONE		RESIDENTIAL		504 GRIZZLY DRIVE		
313420-00	HADDIX, JEFFREY L & PATRICIA G		08-13420	1	0.00	4200
NONE		RESIDENTIAL		520 GRIZZLEY DRIVE		
404270-00	DAHLKE, GARY		08-04270	1	48.85	7900
NONE		RESIDENTIAL		511 5TH AVE EAST		
404280-00	BARTLETT, ROLAND E & WHITNEY N		08-042801	1	43.45	4300
NONE		RESIDENTIAL		533 MAPLE STREET		
404290-00	LEIVESTAD, RUSSLYN A		08-042901	1	0.00	2900
NONE		RESIDENTIAL		534 MAPLE STREET		
404300-00	KINKADE, RUSTY		08-04300	1	44.50	5000
NONE		RESIDENTIAL		526 MAPLE STREET		
404310-00	BRIGHAM, DEBRA		08-043101	1	47.65	7100

NONE	RESIDENTIAL		514 5TH AVE EAST			
404320-00	MOREHOUSE, GARY	08-04320	1	11.05	500	
NONE	RESIDENTIAL		520 MAPLE STREET			
404330-00	LINDSAY, MATTHEW & ARLENE	08-04330	1	43.75	4500	
NONE	RESIDENTIAL		515 MAPLE STREET			
404440-00	RYDER, MICHAEL & JULEAH	08-04440	1	94.05	2600	
NONE	RESIDENTIAL		215 ADAMS STREET			
404450-00	VULLES, MICHAEL B	08-04450	1	195.00	0	
NONE	RESIDENTIAL		216 ADAMS STREET			
404460-00	STOVER, JEREMY & SARAH	08-04460	1	48.20	7600	
NONE	RESIDENTIAL		221 ADAMS STREET			
404470-00	ARRANTS STAN & EVA	08-04470	1	40.00	1900	
NONE	RESIDENTIAL		608 HALEY AVENUE E			
404480-00	THORNHILL, ROBERT & BRENDA	08-04480	1	42.55	3700	
NONE	RESIDENTIAL		514 HALEY AVENUE E			
404490-00	LA FRINIERE, JOYCE	08-04490	1	40.00	500	
NONE	RESIDENTIAL		305 ADAMS STREET			
404500-00	SHARP, RONALD & BONNIE	08-04500	1	40.00	900	
NONE	RESIDENTIAL		607 HALEY AVENUE E			
404505-00	SHARP RONALD & BONNIE	08-04505	1	40.00	0	
NONE	RESIDENTIAL		308 ADAMS STREET			
404510-00	HARRIS, TOM	08-04510	1	40.75	2500	
NONE	RESIDENTIAL		317 ADAMS STREET			
404520-00	TAYLOR, JANE	08-04520	1	0.00	9600	
NONE	RESIDENTIAL		329 ADAMS STREET			
404530-00	CLARK, ROBERT & RICKI	08-04530	1	40.00	0	
NONE	RESIDENTIAL		409 ADAMS STREET			
404540-00	ALDERETE, ANGELO & SABRE	08-04540	1	40.75	2500	
NONE	RESIDENTIAL		708 HALEY AVENUE E			
404550-00	PETRIE, RON & ELIZABETH	08-04550	1	40.45	2300	
NONE	RESIDENTIAL		102 GOLF STREET			
404560-00	FEWKES, DOUGLAS & SUEANNE	08-04560	1	43.30	4200	
NONE	RESIDENTIAL		106 GOLF STREET			
404570-00	SHARP, RONALD	08-04570	1	45.55	5700	
NONE	RESIDENTIAL		109 GOLF STREET			
404580-00	WILLIAMS, ROBERT E.	08-04580	1	40.60	2400	
NONE	RESIDENTIAL		108 GOLF STREET			
404590-00	THE CHURCH OF JESUS CHRIST OF LATTER-DAY	08-04590	1	474.00	127600	
NONE	RESIDENTIAL		210 GOLF STREET			
404600-00	DZIERGAS, EDWARD & MELINDA	08-04600	1	38.15	3100	
NONE	RESIDENTIAL		306 GOLF STREET			
404605-00	BOUKAL, RUDOLF GEORG	08-04605	1	-80.15	700	
NONE	RESIDENTIAL		307 GOLF STREET			
404610-00	KELLEY, ROBERT W.	08-04610	1	43.90	4600	
NONE	RESIDENTIAL		310 GOLF STREET			
404620-00	PAINTER, WINIFRED M	08-04620	1	40.00	1100	
NONE	RESIDENTIAL		211 EDDY STREET			
404640-00	SCHOOL DISTRICT #2 - HIGH SCHOOL	08-04640	1	640.00	0	
NONE	RESIDENTIAL		601 GOLF STREET			
404645-00	BOWDINO LAND LLC	08-04645	1	41.20	2800	
NONE	RESIDENTIAL		1199 BEARPAW TRAIL			
404650-00	PHILLIPS, JEFFREY & DEBORAH	08-04650	1	40.60	2400	
NONE	RESIDENTIAL		101 HILL STREET			
404658-00	CLARK STEVE	08-04658	1	40.00	1700	
NONE	RESIDENTIAL		102 HILL STREET			
404660-00	FIELDS, JIM & DEBRA	08-04660	1	81.25	3000	
NONE	RESIDENTIAL		107 HILL STREET			
404670-00	MCQUEEN, KENNETH K. & DONNA	08-04670	1	90.25	2800	
NONE	RESIDENTIAL		111 HILL STREET			
404680-00	LACY, GLENN	08-04680	1	40.00	1500	
NONE	RESIDENTIAL		116 HILL STREET			
404700-00	FAUSETT JADE & FAUSETT SCARLETT	08-04700	1	47.04	6700	
NONE	RESIDENTIAL		105 ELK STREET			
404710-00	CRAIG, FRANCIS & MARLENE	08-04710	1	40.00	1700	
NONE	RESIDENTIAL		104 ELK STREET			
404720-00	RELLER, PEGGY	08-04720	1	40.00	2000	

NONE		RESIDENTIAL		111 ELK STREET		
404730-00	MARTIN STEPHANIE L & LLYR KRISTIN M	08-04730	1	42.25	3500	
NONE		RESIDENTIAL		108 ELK STREET		
404740-00	JOHNSTON, SANFORD L. & LILA A.	08-04740	1	0.00	6900	
NONE		RESIDENTIAL		115 ELK STREET		
404750-00	KAZMIERCZAK, RONALD V. & SANDRA L.	08-04750	1	47.50	7000	
NONE		RESIDENTIAL		116 ELK STREET		
404760-00	WAKEFIELD, LARRY & LINDA	08-04760	1	40.00	1700	
NONE		RESIDENTIAL		118 ELK STREET		
404770-00	OWENS, SHAUNA J	08-04770	1	100.30	6800	
NONE		RESIDENTIAL		119 ELK STREET		
404780-00	WOODEN, ANN M	08-04780	1	65.00	1200	
NONE		RESIDENTIAL		123 ELK STREET		
404785-00	SPAULDING, ROBERT K	08-04785	1	44.05	4700	
NONE		RESIDENTIAL		202 204 BOULDER AVENUE		
404786-03	IRGENS, JAMES	08-04786	1	48.10	7400	
NONE		RESIDENTIAL		206 208 BOULDER AVENUE		
404790-00	DVOROZNAK, DONALD S.	08-04790	1	0.00	2700	
NONE		RESIDENTIAL		122 ELK STREET		
404800-00	TRAIN, ANTHONY	08-04800	1	44.05	4700	
NONE		RESIDENTIAL		212 BOULDER AVENUE		
404810-00	JOHNSON, ROBERT	08-04810	1	0.00	0	
NONE		RESIDENTIAL		218 BOULDER AVENUE		
404820-00	HUMMEL, CATHERINE	08-04820	1	46.75	6500	
NONE		RESIDENTIAL		219 BOULDER AVENUE		
404840-00	VAN HUSS, MARK & ANDREA	08-04840	1	0.00	4600	
NONE		RESIDENTIAL		226 BOULDER AVENUE		
404850-00	MCJUNKIN, DANIEL & MELISSA	08-04850.00	1	46.75	6500	
NONE		RESIDENTIAL		225 BOULDER AVENUE		
404855-00	HARPER, RITA	08-04855	1	40.00	1400	
NONE		RESIDENTIAL		229 BOULDER AVENUE		
404860-00	LANTZ, LESLIE D & JOANN	08-04860	1	47.05	6700	
NONE		RESIDENTIAL		908 HALEY AVENUE E		
404870-00	LOYA, ATANACIO	08-04870	1	0.35	3200	
NONE		RESIDENTIAL		916 HALEY AVENUE E		
404880-00	WHITE, LARRY	08-04880	1	40.00	1100	
NONE		RESIDENTIAL		922 HALEY AVENUE E		
404883-00	GRIFFITHS, HUGH & SUSAN	08-04883	1	-89.05	4400	
NONE		RESIDENTIAL		905 HALEY AVENUE E		
404885-00	MAJERUS, GERARD & YVETTE	08-04885	1	40.00	100	
NONE		RESIDENTIAL		925 HALEY AVENUE E		
404890-00	CHEESMAN HENRY	08-04890	1	0.00	2000	
NONE		RESIDENTIAL		104 EDDY STREET		
404900-00	LEUFKENS, BUDDY J & JUDY A	07-04900	1	40.60	2400	
NONE		RESIDENTIAL		105 EDDY STREET		
404904-00	SCHOOL DISTRICT #2 - HIGH SCHOOL - NEW ADDITION	08-04904	1	74.95	25300	
NONE		RESIDENTIAL		601 1/2 GOLF STREET		
504900-00	THOMPSON FALLS RURAL FIRE HALL	08-049001	1	85.00	1500	
COM-AVG		RESIDENTIAL		1811 MAIN STREET W		
504910-00	BLACKFOOT TELEPHONE COOPERATIVE	08-04910	1	85.00	600	
COM-AVG		COMMERCIAL		1805 MAIN STREET W		
504930-00	MUSTER, JOHN & SANDRA	01-04930	1	70.00	0	
RES-ACT		RESIDENTIAL		1715 MAIN STREET W		
504954-00	THOMPSON FALLS AMBULANCE	08-04954	1	40.00	1700	
NONE		RESIDENTIAL		1520 MAIN STREET W		
504955-00	US POSTAL SERVICE	08-04955	1	1025.00	800	
EDU-1.5-AVG		COMMERCIAL		1611 MAIN STREET W		
504965-00	THOMPSON FALLS MEDICAL CLINIC	08-04965	1	344.89	2800	
EDU-1.5-AVG		COMMERCIAL		120 POND STREET S		
504975-00	WHITEFISH CREDIT UNION	08-04975	1	370.75	700	
EDU-1.5-AVG		RESIDENTIAL		107 POND STREET S - CU		
504990-00	TOWN PUMP INC.	08-04990	1	480.87	60700	
EDU-1.0		COMMERCIAL		1301 MAIN STREET W		
505000-00	THOMPSON FALLS FAMILY PHARMACY	08-05000	1	105.00	1300	
COM-ACT+1X		COMMERCIAL		1221 MAIN STREET W		
505015-00	HARMON, TRENTON & SARAH	08-05015	1	107.55	3700	

COM-ACT+1X		COMMERCIAL		1219 MAIN STREET W			
505020-00	FIRST AMERICAN TITLE CO.		08-05020	1	105.00		700
COM-ACT+1X		COMMERCIAL		1211 MAIN STREET W			
505030-00	THOMPSON FALLS FEED & FUEL LLP		08-05030	1	488.80		72000
COM-ACT+1X		COMMERCIAL		1201 MAIN STREET W			
505040-00	SANDERS CO CLERK & RECORDER		08-05040	1	634.34		6900
EDU-2.0		COMMERCIAL		1111 MAIN STREET W			
505050-00	JOHNSON, RODNEY K.		08-05050	1	137.10		3400
COM-ACT+3X		COMMERCIAL		1037 MAIN STREET W			
505070-00	CLARK FORK TITLE INC.		08-05070	1	157.19		2900
EDU-1.0		COMMERCIAL		1029 MAIN STREET W			
505090-00	EGGENSPERGER, TOM		08-05090	1	105.00		1000
COM-ACT+1X		COMMERCIAL		1017 MAIN STREET W			
505101-00	PROSPECT PROPERTIES		08-05101	1	-94.75		2600
COM3/RES1		COMMERCIAL		1013 MAIN STREET W			
505110-00	FIRST SECURITY BANK		08-05110	1	75.00		0
COM-AVG		RESIDENTIAL		1003 MAIN STREET W			
505120-00	MONTANA MOORE HOLDINGS LLC		08-05120	1	-62.80		7700
RES-AVG		COMMERCIAL		925 MAIN STREET W			
505140-00	PARKER NOLAN & LINDA		08-05140	1	105.00		900
COM-ACT+1X		COMMERCIAL		913 MAIN STREET W			
505150-00	MONTANA RAIL LINK - LOCAL		08-05150	1	162.70		3800
NONE		COMMERCIAL		902 MAIN STREET W			
505170-00	DOUG'S TRUE VALUE - BGC CORP		08-05170	1	123.30		4200
COM-ACT+2X		COMMERCIAL		907 MAIN STREET W			
505180-00	DOUG'S TRUE VALUE/HEALTH		08-05180	1	105.00		500
COM-ACT+1X		COMMERCIAL		901 MAIN STREET W - DOUG'S TRUE VALUE			
505190-00	MOSHER, JOHN W & BARBARA L		08-05190	1	365.00		100
COM-ACT+2X		COMMERCIAL		811 MAIN STREET W - FALLS FLORAL			
505200-00	MOSHER, JOHN W & BARBARA L		08-05200	1	528.20		3800
COM2/RES2		COMMERCIAL		809 MAIN STREET W			
505210-00	FARMER, EDGAR & ANDREA		08-05210	1	217.68		15800
COM/RES2		RESIDENTIAL		807 MAIN STREET W			
505220-00	KARLIN, JAMES		08-05220	1	0.00		500
RES-ACT		COMMERCIAL		801 MAIN STREET W			
505230-00	LAI, JERRY		08-05230	1	169.05		4700
COM/RES1		COMMERCIAL		709 MAIN STREET W			
505275-00	THOMPSON, GINGER		08-05275	1	80.00		1600
RES-ACT		RESIDENTIAL		110 HILL STREET S			
505278-00	LEUFKENS FAMILY LLC		08-05278	1	333.34		9800
RES-AVG+3X		RESIDENTIAL		111 BROAD STREET S			
505300-00	SPECIALIZED ASSET MANAGEMENT LLC		08-05300	1	1425.95		0
RES-ACT+1X		RESIDENTIAL		105 HILL STREET S			
505310-00	LEUFKENS FAMILY LLC		08-05310	1	81.05		2700
RES-AVG		RESIDENTIAL		109 HILL STREET S			
505320-00	CEM ELECTRIC		08-05320	1	153.36		12100
COM-ACT+1X		COMMERCIAL		511 MAIN STREET W			
505321-00	CEM ELECTRIC		08-05321	1	203.00		4000
RES-ACT+3X		RESIDENTIAL		103 HILL ST			
505330-00	STOLZ, COURTNEY		08-05330	1	0.00		5600
RES-AVG		COMMERCIAL		505 MAIN STREET W			
505331-00	STOLZ, COURTNEY		08-05331	1	0.00		200
COM-AVG		RESIDENTIAL		507 MAIN STREET W			
505340-00	LONE STAR LODGE		08-05340	1	10.95		1400
COM-ACT+2X		COMMERCIAL		501 MAIN STREET W			
505350-00	PARKER, NOLAN		08-05350	1	102.14		200
RES-AVG		RESIDENTIAL		108 FERRY STREET S			
505360-00	GARRISON, GLENN & SUZANNE		08-05360	1	92.91		3500
RES-AVG		RESIDENTIAL		409 MAIN STREET W			
505370-00	NELSON, PAULA		08-05370	1	80.00		1500
RES-AVG		RESIDENTIAL		405 MAIN STREET W			
505380-00	STOLTZ, STEVEN LEE & TERRILEE		08-05380	1	0.00		4500
COM2X-RES		COMMERCIAL		401 MAIN STREET W			
505390-00	VINKEY, RAY S.		08-05390	1	83.15		4100
RES-AVG		RESIDENTIAL		109 PINE STREET S			
505400-00	GARRETT, THERESA & DAVID		08-05400	1	410.50		4600

RES-ACT+3X		COMMERCIAL		309 MAIN STREET W			
505410-00	PARKS, DAN & CARLA		08-05410	1	135.45		2300
COM-ACT+3X		COMMERCIAL		303 MAIN STREET W			
505420-00	ALTMAN, JOSEPH & KATHRYN		08-05420	1	85.00		100
COM-AVG		COMMERCIAL		301 MAIN STREET W			
505422-00	HAGEDORN LAND SURVEYING INC		08-05422	1	80.00		300
RES-ACT		RESIDENTIAL		108 PEARL STREET S			
505425-00	DZIERGAS, EDWARD & MELINDA		08-05425	1	83.52		3200
RES-AVG		RESIDENTIAL		109 PEARL STREET S			
505427-00	HUTCHINGS, CODY		08-05427	1	-152.75		6300
RES-AVG		RESIDENTIAL		111 PEARL STREET S			
505430-00	CHEETHAM, CHARLES T.		08-05430	1	166.35		2900
COM/RES1		COMMERCIAL		229 MAIN STREET W - LITTLE BEAR			
505440-00	ENERGY PARTNERS		08-05440	1	40.00		400
NONE		COMMERCIAL		224 MAIN STREET W			
505442-00	CAMPBELL, MARK & KATRINA		01-05442	1	70.00		0
RES-ACT		RESIDENTIAL		215 MAIN STREET W			
505444-00	CAMPBELL, MARK & KATRINA		01-05444	1	70.00		0
RES-ACT		RESIDENTIAL		201 MAIN STREET W			
505460-00	BENNETT DAVID - OFFICE		08-05460	1	105.00		0
COM-ACT+1X		COMMERCIAL		223 MAIN STREET W			
505480-00	NORTHWESTERN ENERGY		08-05480	1	183.55		17700
NONE		COMMERCIAL		1625 MAIDEN LANE			
505481-00	NORTHWESTERN ENERGY		08-05481	1	85.00		0
COM-AVG		COMMERCIAL		1517 MAIDEN LANE			
505482-00	BURKY, BRIAN & COURTNEY		08-05482	1	114.62		9500
RES-AVG		RESIDENTIAL		1611 MAIDEN LANE			
505490-00	DEMMONS, HENRY T.		08-05490	1	0.00		100
RES-AVG		RESIDENTIAL		1622 MAIDEN LANE			
505500-00	LIONS MANOR BUS & PROPERTY		08-05500	1	1418.68		66300
RES-ACT+27X		COMMERCIAL		1600 MAIDEN LANE			
505510-00	BKP PROPERTIES		08-05510	1	0.00		4300
RES-AVG		RESIDENTIAL		1520 MAIDEN LANE			
505520-00	GIFFIN, NICHOLAS E.		08-05520	1	-32.40		4600
RES-AVG		RESIDENTIAL		115 POND STREET S			
505550-00	LOVELL, RANDY L.		08-05550	1	82.69		2700
RES-AVG		RESIDENTIAL		1507 MAIDEN LANE			
505560-00	FREEMAN, WILLIAM C & CHERYL		08-05560	1	83.71		4200
RES-AVG		RESIDENTIAL		1506 MAIDEN LANE			
505580-00	PARKER, FRANK		08-05580	1	189.02		7600
RES-AVG		RESIDENTIAL		1512 1/2 MAIDEN LANE			
505590-00	FIEL, LARRY AND JANET		08-05590-00	1	83.00		4000
RES-AVG		RESIDENTIAL		1417 MAIDEN LANE			
505600-00	HAGEDORN, RICKY & ROBIN		08-05600	1	114.08		8600
RES-AVG		RESIDENTIAL		204 LINCOLN STREET S			
505610-00	FISHER, A. RONALD		08-05610	1	86.46		3300
RES-AVG		RESIDENTIAL		208 LINCOLN STREET S			
505630-00	BAXTER, ROBERT T & SUSAN J		08-05630	1	80.00		1800
RES-AVG		RESIDENTIAL		211 LINCOLN STREET S			
505650-00	BLAIR, IRENE SANSOM		08-05650	1	85.53		3500
RES-AVG		RESIDENTIAL		216 LINCOLN STREET S			
505670-00	BRICKZIN, BOB		08-05670	1	83.51		2700
RES-AVG		RESIDENTIAL		1309 MAIDEN LANE			
505690-M3	H2 HOSPITALITY INC		08-0569003	1	86.20		2800
COM-AVG		RESIDENTIAL		112 GALLATIN STREET S			
505700-00	HOWE, BETTY J		08-05700	1	0.00		1800
RES-AVG		RESIDENTIAL		200 GALLATIN STREET S			
505710-00	CANCIGILA, CHARLES		08-05710	1	-9.71		4300
RES-AVG		RESIDENTIAL		206 GALLATIN STREET S			
505720-00	MUSTER, JOHN		08-05720	1	83.00		4000
RES-AVG		RESIDENTIAL		215 GALLATIN STREET S			
505730-00	MUSTER, JOHN & SANDRA - SHOP		08-05730	1	80.45		2300
RES-AVG		RESIDENTIAL		213 1/2 GALLATIN STREET S			
505740-00	OSWALD STEVE & NOVAK LINDA		08-05740	1	91.54		4500
RES-AVG		RESIDENTIAL		203 GALLATIN STREET S			
505750-00	MUSTER, JOHN		08-05750	1	81.50		3000

RES-AVG		RESIDENTIAL		1215 MAIDEN LANE			
505770-00	TRAIN PROPERTIES LLC		08-05770	1	84.05		4700
RES-AVG		RESIDENTIAL		1211 MAIDEN LANE			
505780-00	OTTEN, DOUGLAS C		08-05780	1	158.01		1600
RES-AVG		RESIDENTIAL		1203 MAIDEN LANE			
505790-00	STYGER, CAROL		08-05790	1	0.00		2500
RES-AVG		RESIDENTIAL		1204 MAIDEN LANE			
505800-00	KERSTEN, LYNNE		08-05800	1	82.80		2500
RES-AVG		RESIDENTIAL		206 MADISON STREET S			
505811-00	MY INVESTMENTS (YURCZYK/ MUSTER)		08-05811	1	122.06		7900
RES-AVG		RESIDENTIAL		210 MADISON STREET S			
505820-00	YURCZYK, FRANCIS		08-05820	1	165.00		200
RES-AVG		RESIDENTIAL		207 MADISON STREET S			
505830-00	MORRIN, DIANE		08-05830	1	85.00		1300
COM-AVG		COMMERCIAL		1119 MAIDEN LANE			
505860-00	SANDERS COUNTY JAIL		08-05860	1	401.91		46600
EDU-1.0		COMMERCIAL		1115 MAIN STREET W			
505870-00	LEUFKENS FAMILY LLC		08-05870	1	95.16		5000
RES-AVG		RESIDENTIAL		1111 MAIDEN LANE			
505880-00	ELLIOTT GEORGE & LINDA		08-05880	1	0.00		0
RES-AVG		RESIDENTIAL		1105 MAIDEN LANE			
505890-00	LEUFKENS, BUD & JUDY		08-05890	1	83.88		2400
RES-AVG		RESIDENTIAL		1101 MAIDEN LANE			
505900-00	SANDERS CO COURTHOUSE LAWN		08-05900	1	30.00		0
NONE		COMMERCIAL		1111 MAIN STREET W			
505910-00	KELLER, KIMBERLY		08-05910	1	80.00		2000
RES-AVG		RESIDENTIAL		107 JEFFERSON STREET S			
505920-00	KELLER, KIMBERLY		08-05920	1	80.00		1700
RES-AVG		RESIDENTIAL		107 1/2 JEFFERSON STREET S			
505930-00	PODRAT, GARY A.		08-05930	1	-157.70		0
RES-AVG		RESIDENTIAL		1020 MAIDEN LANE			
505940-00	INGRAM, ABBY		08-05940	1	88.40		3500
RES-AVG		RESIDENTIAL		1015 MAIDEN LANE			
505950-00	SAKASKE, STEPHEN		08-05950	1	-73.10		1400
RES-AVG		RESIDENTIAL		1016 MAIDEN LANE			
505960-00	ELLIOTT, LYNETTE K		08-05960	1	71.32		2900
RES-AVG		RESIDENTIAL		1014 MAIDEN LANE			
505970-00	LEUFKENS FAMILY LLC		08-05970	1	92.61		3300
RES-AVG		RESIDENTIAL		1003 MAIDEN LANE			
506000-00	FIRST SECURITY BANK		08-06000	1	344.40		2200
EDU-1.5-AVG		COMMERCIAL		107 FULTON STREET S			
506020-00	HOYT, TIM		08-06020	1	0.00		5700
RES-AVG		RESIDENTIAL		905 MAIDEN LANE			
506052-00	SCOTT, RICHARD & MAVIS		08-06052	1	0.00		4500
RES-AVG		RESIDENTIAL		107 MILL STREET S			
506053-00	DINKELSPIEL, LLOYD		08-06053	1	2.23		3900
RES-AVG		RESIDENTIAL		109 MILL STREET S			
506060-00	MCCUAIG, JAMES M. & JOSIE		08-06060	1	932.00		0
RES-AVG		RESIDENTIAL		109 COLUMBIA STREET S			
506070-00	TERRY, MICHAEL A.		08-06070	1	80.00		1900
RES-AVG		RESIDENTIAL		110 COLUMBIA STREET S			
506075-00	SCOVILLE, ROSE ANN		08-06075	1	0.00		900
RES-AVG		RESIDENTIAL		114 COLUMBIA STREET S			
506080-00	SHEAR, MICHAEL		08-06080	1	80.00		800
RES-AVG		RESIDENTIAL		712 MAIDEN LANE			
506100-00	SHEAR, MICHAEL		08-06100	1	80.45		2300
RES-AVG		RESIDENTIAL		704 MAIDEN LANE			
506110-00	LEUFKENS FAMILY LLC		08-06110	1	121.35		2900
COM-AVG+2X		RESIDENTIAL		115 BROAD STREET S			
506120-00	LORD, JEANETTE		08-06120	1	-18.00		600
RES-AVG		RESIDENTIAL		109 BROAD STREET S			
506150-00	SCHILLING, DAVID & CATHY		08-06150	1	-10.00		29700
NONE		RESIDENTIAL		1006 CHURCH STREET			
600270-00	SHEPHERD OF THE VALLEY LUTHERAN CHURCH		07-00270	1	102.25		10000
NONE		RESIDENTIAL		1192 MOUNT SILCOX DRIVE			
600602-00	COLEMAN, AVERY & ROXANNE		08-00602	1	0.00		3500

NONE		RESIDENTIAL		602 ASPEN COURT		
600604-00	WALWER, GREGG	08-00604	1	51.40		9600
NONE		RESIDENTIAL		608 ASPEN COURT		
600605-00	RICKERT, KENNETH A & BABETTE Y	08-00605	1	44.20		4800
NONE		RESIDENTIAL		605 ASPEN COURT		
600708-00	MARICH, KAY OR MIKE	08-00708	1	-891.30		9500
NONE		RESIDENTIAL		708 SOUTHWOOD COURT		
600711-00	MARKQUART, WAYNE & JULAINE	08-00711	1	40.90		2600
NONE		RESIDENTIAL		713 SOUTHWOOD COURT		
600712-00	FISHER, KRISTEN M & BRANDON B	08-00712	1	46.00		6000
NONE		RESIDENTIAL		712 SOUTHWOOD COURT		
600715-00	DRAPER, LISA	08-00715	1	80.55		37900
NONE		RESIDENTIAL		715 SOUTHWOOD COURT		
600716-00	MORGAN, SHAWN & JODI	08-00716	1	43.90		4600
NONE		RESIDENTIAL		716 SOUTHWOOD COURT		
600720-00	MURPHY, JAMES & EUGENIA	07-00720	1	40.45		2300
NONE		RESIDENTIAL		720 SOUTHWOOD COURT		
600721-00	FAIRBANK, RACHEL ANN	08-00721	1	0.00		1800
NONE		RESIDENTIAL		721 SOUTHWOOD COURT		
600723-00	RASMUSSEN, JORDAN	08-00723	1	124.60		58400
NONE		RESIDENTIAL		723 SOUTHWOOD COURT		
601107-00	JEHOVAH'S WITNESSES	08-01107	1	40.00		100
NONE		RESIDENTIAL		1107 MOUNT SILCOX DRIVE		
601191-00	THOMPSON FALLS SENIOR CITIZENS CENTER	08-01191	1	74.90		4200
NONE		RESIDENTIAL		1191 MOUNT SILCOX DRIVE		
601199-00	WILHITE, DAVID	08-01199	1	54.10		11400
NONE		RESIDENTIAL		1199 MOUNT SILCOX DRIVE		
601209-00	LEISCHNER, BLAINE L & CHRISTINE	08-01209	1	55.00		12000
NONE		RESIDENTIAL		1209 MOUNT SILCOX DRIVE		
601219-00	HOFF, RAYMOND	08-01219	1	40.00		500
NONE		RESIDENTIAL		1219 MOUNT SILCOX DRIVE		
601220-00	DONALDSON JOSEPH & LOWRY ANN	07-01220	1	42.70		3800
NONE		RESIDENTIAL		704 SOUTHWOOD COURT		
601229-00	FRANCK, NICHOLAS	08-01229	1	42.85		3900
NONE		RESIDENTIAL		1229 MOUNT SILCOX DRIVE		
601800-00	HANDFORD, DANIEL E & BETTY JO	07-01800	1	0.00		2100
NONE		RESIDENTIAL		1800 PINE TREE HOLLOW		
601801-00	PINE TREE HOLLOW HOMEOWNERS ASSN	08-01801	1	71.60		0
NONE		RESIDENTIAL		1801 PINE TREE HOLLOW - GREENS		
601802-00	BROWN, NANCY A	08-01802	1	40.00		1300
NONE		RESIDENTIAL		1802 PINE TREE HOLLOW		
601804-00	EPPERSON, YVONNE	08-1804	1	40.00		1200
NONE		RESIDENTIAL		1804 PINE TREE HOLLOW		
601806-00	CHENEY, VIRGINIA RUTH	08-01806	1	-73.10		4400
NONE		RESIDENTIAL		1806 PINE TREE HOLLOW		
601808-00	LINZMAIER, PETER	08-01808	1	45.00		0
NONE		RESIDENTIAL		1808 PINE TREE HOLLOW		
601810-00	ANDERSON, NEAL & SANDRA	07-01810	1	40.00		1900
NONE		RESIDENTIAL		1810 PINE TREE HOLLOW		
601812-00	MARICH, ANDREW	08-01812	1	40.00		1900
NONE		RESIDENTIAL		1812 PINE TREE HOLLOW		
601814-00	ARNOLD, RODNEY E & EDRALINE M	08-01814	1	38.40		4900
NONE		RESIDENTIAL		1814 PINE TREE HOLLOW		
601816-00	GRIFFITHS, HUGH & SUSAN	08-01816	1	-47.14		2500
NONE		RESIDENTIAL		1816 PINE TREE HOLLOW		
601818-00	CARMAN, NEIL & DIXIE	08-01818	1	0.00		3400
NONE		RESIDENTIAL		1818 PINE TREE HOLLOW		
601900-00	DAVIS, PAMELA	07-01900	1	41.95		3300
NONE		RESIDENTIAL		1900 PINE TREE HOLLOW		
601902-00	THURMAN, WILLIS C & PENNY L	08-01902	1	0.00		0
NONE		RESIDENTIAL		1902 PINE TREE HOLLOW		
601904-00	GLADE, SHIRLEY	08-01904	1	40.00		2000
NONE		RESIDENTIAL		1904 PINE TREE HOLLOW		
601906-00	FALK, DAVID & INA	08-01906	1	0.00		2800
NONE		RESIDENTIAL		1906 PINE TREE HOLLOW		
601908-00	BLOOM, ROSEMARIE	08-01908	1	40.00		500

NONE		RESIDENTIAL		1908 PINE TREE HOLLOW		
601910-00	PARKER, BERNARD & KAY		07-01910	1	0.00	18000
NONE		RESIDENTIAL		1910 PINE TREE HOLLOW		
700012-00	NEBEKER, CLINT & TRACI		08-00012	1	0.00	1400
RES-AVG		RESIDENTIAL		2414 CAPSTONE COURT		
700040-00	SCHUBERT, RUSSELL		08-00040.1	1	80.30	2200
RES-AVG		RESIDENTIAL		2413 CAPSTONE COURT		
700041-00	ARNDT, ROBERT & KARLA		08-00041	1	0.00	4000
RES-ACT		RESIDENTIAL		2419 CAPSTONE COURT		
700050-00	INKS JR, HOWARD R		08-00050.1	1	0.00	1400
RES-AVG		RESIDENTIAL		2503 MOSSY ROCK COURT		
700053-00	FRANCHMON, HANS		08-00053	1	83.81	2900
RES-AVG		RESIDENTIAL		2620 CORNERSTONE ROAD		
700054-00	CARMOUCHE, RAINA		08-00054	1	-138.15	0
RES-AVG		RESIDENTIAL		2611 CORNERSTONE ROAD		
700060-00	FIELDS, SHERMAN & NANCY		07-00060	1	93.90	9900
RES-AVG		RESIDENTIAL		2715 CORNERSTONE ROAD		
700061-00	TAYLOR, GAYLE		08-00061	1	0.00	1600
RES-AVG		RESIDENTIAL		2719 CORNERSTONE ROAD		
700063-00	KNUTSON, ROD & RISHELLE		08-00063	1	81.05	2700
RES-AVG		RESIDENTIAL		2727 CORNERSTONE ROAD		
700080-00	RIMROCK LODGE		07-00080	1	2017.70	32900
NONE		COMMERCIAL		4946 HWY. 200		

Total Actual Usage: 2713200

Total Records: 664

Service		Rate Code	Monthly Usage	Charges	Number
SEWER					
		COM-ACT	42600	866.80	18
		COM-ACT+1X	92200	897.01	9
		COM-ACT+2X	5700	240.00	3
		COM-ACT+3X	5700	190.00	2
		COM-AVG	12200	360.00	8
		COM-AVG+2X	4800	80.00	1
		COM/RES1	7600	250.00	2
		COM/RES2	15800	156.98	1
		COM2/RES2	3800	125.00	1
		COM2X-RES	4500	85.00	1
		COM3/RES1	2600	85.00	1
		EDU-1.0	110200	668.87	3
		EDU-1.5-AVG	16800	758.54	4
		EDU-2.0	6900	341.39	1
		RES-ACT	6400	288.20	7
		RES-ACT+1X		80.00	1
		RES-ACT+27X	66300	1162.23	1
		RES-ACT+3X	8600	320.00	2
		RES-AVG	167400	2725.36	61
		RES-AVG+3X	8400	161.64	1
	Subtotal for Service SEWER :		588500	9842.02	128
WATER					
		COM-MTR- 1X	205000	2138.70	48
		EDU-1	114400	517.60	5
		EDU-1.5	104200	1575.90	9
		EDU-2	170000	1102.80	3
		EDU-3	48200	1986.30	3
		RES-MTR- 1X	2280260	26549.05	616
		SPC-SCHILLING		2.00	1
		SPC-VACATION RATE C	600	690.00	23
	Subtotal for Service WATER :		2922660	34562.35	708
		Grand Total :	3511160	44404.37	836

APPENDIX EE

Public Meeting Minutes, Handouts & Newsletters

THOMPSON FALLS, MT

DRAFT WASTEWATER PER

CHARTS, GRAPHS & TABLES

MARCH 13, 2020

UPDATED MAY 2020

Prepared By:

GreatWest engineering®

City of Thompson Falls

2020 Wastewater Preliminary Engineering Report – Summary

Background and Scope

Previous Reports –

- 1948 – original collection system installed
- 1968 Sewer Project
    - Treatment system constructed
    - Pump station installed
    - 6-inch AC forcemain
    - 6-inch AC discharge pipe
    - Collection system improvements to route to pump station
- 1987 Divided single cell at treatment site to 3 cells
- 1996/1997 Sewer System Improvements
    - Collection Improvements – Abandon much of collector on south edge of system rerouting to Maiden
    - Remove several storm sewer connections
    - Aeration installed at treatment system
    - Wet well overflow removed
- 2016 Sewer System Improvements
    - Replace Lift Station Pumps – Sept 2016
    - CIPP approx 200 LF 8-inch clay pipe from Hill Street to Ferry Street
- 2018 WW PER
    - Provided the City of Thompson Falls a thorough evaluation of their existing collection and treatment system
    - Identified deficiencies and performed alternative analysis to identify recommended improvements
    - Propose alternatives to provide central sewer collection for the un-sewered area of the City
    - Identified a 4-phased collection system expansion approach.

Objective of PER

- Provide the City with an updated and complete analysis of their proposed sewer system for Phase 3 and 4

Population and Planning Period

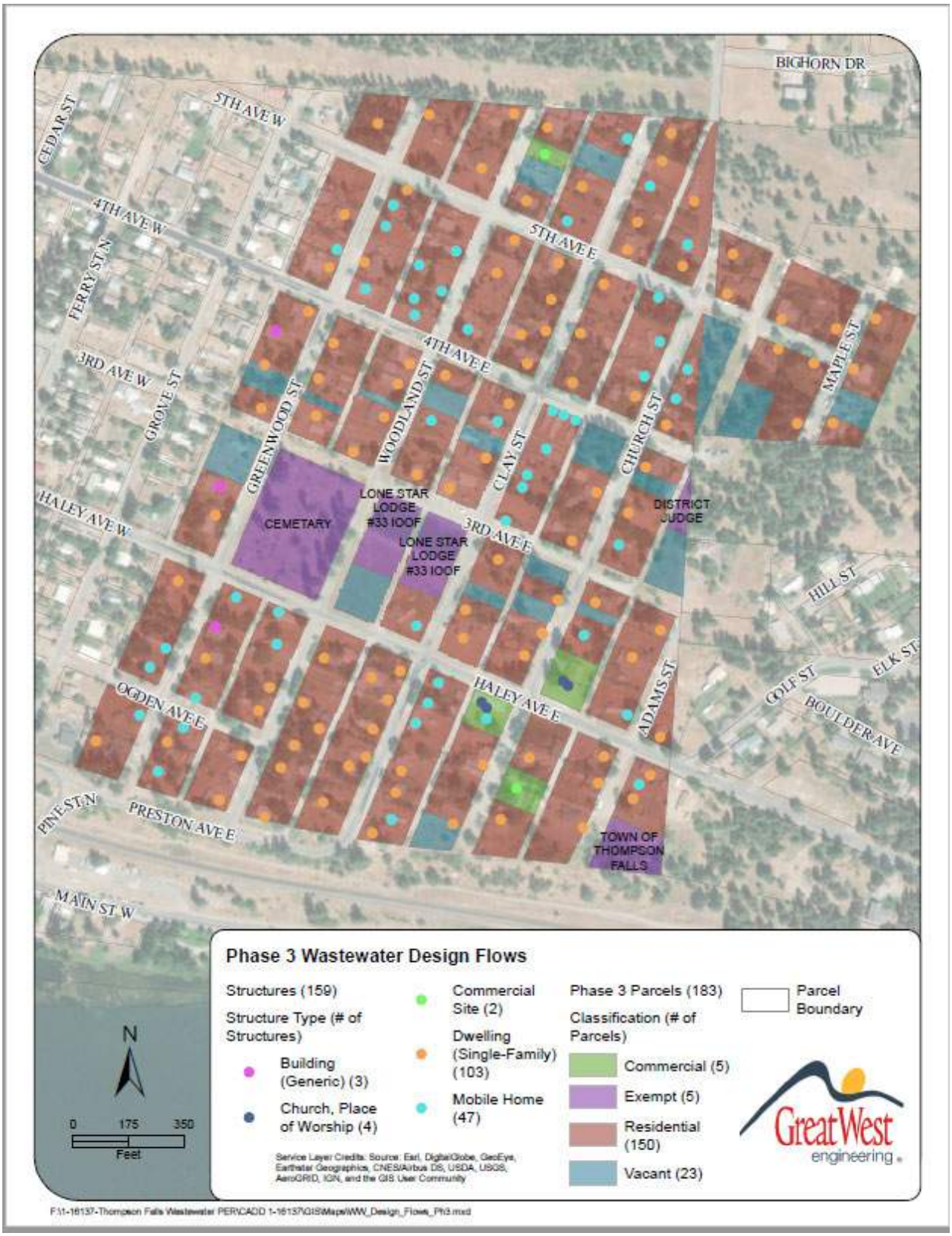
- Planning period is 20 years (Design Year 2040)
- Montana Department of Commerce & US Census Data

Year	City of Thompson Falls	% Annual Increase	Sanders County	% Annual Increase
1990[1]	1319		8,669	
2000[1]	1321	0.02%	10,238	1.68%
2010[1]	1313	-0.06%	11,413	1.09%
2015[2]	1332	0.29%	11,336	-0.14%
Average		0.08%		0.88%
2040[3]	**1353**	**0.10%**		

(1) US Census Bureau
(2) Montana Department of Commerce Estimate
(3) Population of City of Thompson Falls at Design Year (2037) estimated from 2010 Census at 0.1% Annual Growth

- Population at Planning period using 2010 Census & 0.1% annual growth
    - 2040 Population – 1353
- GIS 2010 Census Block Shapefile
    - Current System Boundary (before Phase 1 and 2)
        - Houses – 126
        - Population – 194
    - Phase 1 & 2 (currently planned for construction)
        - Houses – 303
        - Population – 612
    - Phase 3
        - Parcels -183
            - Assumed non-buildable/assessed parcels: 8
            - Est. parcels in SID-3: 175
        - Residential Population - 308

Structure	Total	Existing Sewer	No Sewer
Building (generic)	3	-	3
Church	4	-	4
Commercial	2	-	2
Single Family (w/ structure)	103	-	103
Vacant	23	-	23
Education	-	-	-
Cemetery	1	-	1
Mobile Home	47	-	47


BIGHORN DR
5TH AVE W
CEDAR ST
4TH AVE W
FERRY ST N
5TH AVE E
4TH AVE E
3RD AVE W
GROVE ST
GREENWOOD ST
WOODLAND ST
CLAY ST
CHURCH ST
MAPLE ST
HALEY AVE W
CEMETARY
LONE STAR LODGE #33 IOOF
LONE STAR LODGE #33 IOOF
3RD AVE E
DISTRICT JUDGE
HILL ST
ELK ST
GOLF ST
BOULDER AVE
OGDEN AVE E
HALEY AVE E
ADAMS ST
PINE ST N
PRESTON AVE E
TOWN OF THOMPSON FALLS
MAIN ST W
Phase 3 Wastewater Design Flows
Structures (159)
Structure Type (# of Structures)
Building (Generic) (3)
Church, Place of Worship (4)
Commercial Site (2)
Dwelling (Single-Family) (103)
Mobile Home (47)
Phase 3 Parcels (183)
Classification (# of Parcels)
Commercial (5)
Exempt (5)
Residential (150)
Vacant (23)
Parcel Boundary
N
0
175
350
Feet
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
GreatWest engineering
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- Phase 4
  - Parcels -151
    - Assumed non-buildable/assessed parcels: 10
    - Est. parcels in SID-4: 141
  - Residential Population - 240

Structure	Total	Existing Sewer	No Sewer
Building (generic)	1	-	1
Church	4	-	4
Commercial	1	-	11
Single Family (w/ structure)	84	-	84
Multi-Family (w/ structure)	30	-	30
Vacant	22	-	22
Education (School k-12, library)(emergency shelter)	1	-	-
Cemetery	1	-	1
Civic, Community Center	6	-	6
Government	2	-	2
Mobile Home	3	-	47
Nursing Home, Long-Term Care	1		1


GRIZZLY DR
BIGHORN DR
KANIKSU CT
BIG BUCK DR
WOODLAND ST
5TH AVE E
4TH AVE E
CLAY ST
CHURCH ST
MAPLE ST
3RD AVE E
MT SILCOX DR
TRAILHEAD CT
BEAR PAW TRL
HILL ST
ELK ST
ADAMS ST
BOULDER AVE
EDDY ST
GOLF ST
HALEY AVE E
PETERS LN
ASPEN CT
SOUTHWOOD CT
CRESCENT LN
ARROWHEAD DR
THOMPSON FALLS RESERVOIR
N
0 325 650
Feet
Phase 4 Wastewater Design Flows
Structures (137)
Structure Type (# of Structures)
Building (Generic) (1)
Cemetery (1)
Church, Place of Worship (4)
Civic, Community Center (6)
Commercial Site (1)
Dwelling (Multi-Family) (30)
Dwelling (Single-Family) (84)
Education Facility (Generic) (1)
Emergency Shelter (1)
Government of Military Facility (Generic) (2)
Library (1)
Mobile Home (3)
Nursing Home, Long-Term Care (1)
School (K-12) (1)
Phase 4 Parcels (151)
Classification (# of Parcels)
Commercial (11)
Exempt (City of Thompson Falls) (8)
Residential (110)
Vacant (22)
Parcel Boundary
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
GreatWest engineering
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Design Flows – Historic/Projected

Water Records

From Meter Data 2013-2016

Location	Connections	# w/no flow	# w/flow	Winter (gpd)	Summer (gpd)
Sewer	261	111	150	18,068	33,098
No-Sewer	1165	510	655	77,119	186,843

Residential Usage – Winter Average Day

Location	Number	Number w/Flow	Winter (gpd)	Use/Connection(GPD)
Sewer	153	82	7,265	89
No Sewer	1118	621	68,130	110

Non-Residential Usage w/no sewer – Winter Average Day

Type	Flow (GPD)
Church	920
TF Senior Center *1191 Silcox*	210
Ball Fields/Pool	HS usage
Rec District Building	0
TF Volunteer Fire	67
Nursing Home (Cherry Hill Assisted Living) *214 Church st*	298
Elementary	3,218
Junior High	1,634
High School	1,868
Total	8,215

- Some water residents have multiple water meters, but would likely be served by a single sewer connection

Flow Monitoring

Completed during 2018 WW PER – design flow from existing system was determined for the Phase 1 & 2 project to be 33,500 gpd with existing system improvements.

	Flow Monitoring			Winter Water Usage	Inflow Infiltration Estimate (2)	Inflow Infiltration b/w Monitors
	Average Day (gpd)	Peak Day (gpd)	Peak Hour (gpd)	Average Day (gpd)	Average Day (gpd)	Average Day (gpd)
Cornerstone	15,466	30,384	32,256	635	14,831	14,831
Alley	17,824	26,616	52,416	2354	15,470	639
Maiden hill	45,129	57,983	103,968	15255	29,874	14,404

Waterfront	6,107	10,023	85,248	2814	3,293	3,293
Pump Inflow (1)	**51,236**	**68,006**	**189,216**	**18,069**	**33,167**	**33,167**

(1) Maiden Hill + Waterfront

(2) Inflow and infiltration equal to difference of flow monitoring and winter water meter usage

The average daily flow to the pump station measured by the flow monitors was the sum of Maiden Hill and Waterfront monitors = 51,236 gpd. This is near the average day flow from the pump records.

Flow monitoring is currently being conducted near the existing manhole at the south end of Ferry street to verify design flow for the current Phase 1 and 2 project.

Inflow/Infiltration considerations

- Flow monitoring
  - Significant infiltration from Solid Rock Estates Subdivision measured at the Cornerstone Meter – 10 gpm (14,800 gpd)
    - Two manholes are being replaced in this subdivision with phase 1 and 2
  - Additionally, approximately 14,000 gpd of additional flow was recorded between the Alley meter and the Maiden Lane meter –*No major issues known.*

Pump Records – 5 years: 2014 to 2019

Year	Population Estimate (1)	Average Day Flow	Average Day Flow	Per Capita Usage
2014-2016	194	50,540 gpd	35.1 gpm	261 gpcd
8/2016-11/2019		35,295 gpd	24.51 gpm	182 gpcd

(1) 2010 Census Block GIS data

- It is noted that the average day pumped flow decreased after August 2016 when new pumps were installed in the Main Lift Station.
  - Worn pumps can cause recirculation and decreased lift station effluent; leading to long pump runs. This can cause an over-estimation of pumped flow when using pump run times to calculate flow.

- July 2017, the system operator noted that the inflow to the plant was significantly less, approximately 16,000 gpd, than the average day flow presented.

In August 2016, the City repaired a significant inflow on a pipe near the river. The decreased average daily flow can be attributed to that. ***Use current average daily flow of 35,295 gpd****.*

Existing Lift Station/Flows

It is recommended that following Phase 1 collection improvements, the flow rate to the upgraded treatment system continue to be monitored to make final determinations to see if the existing lift station pumps should be replaced to meet higher pumping head conditions.

Based on the pump curve, the existing pumps will pump around 175 gpm at 195 TDH. Flows are expected to be reduced due to existing system I&I issues address. Flows should be evaluated once improvements are complete to re-evaluate pumps.

Monthly Average Discharge from DMR – 6 year: 2013-2019

- Average Day 41,600 gpd
- Maximum Day 100,000 gpd

- Comparison of water meter records and pump hour records indicate that there is additional flow within the collection system, likely attributed to inflow & infiltration
  - Improvements to the existing system to remove remaining roof drains and sealing the manhole within solid rock estates will greatly reduce the amount of pumped wastewater for the Main Lift Station
  - The pump record average day flow was used for existing system flow

Design Flows

The design flow has been determined for the treatment system upgrades as part of the Phase 1 & 2 project schedule to construct in 2020/2021. The Projected flow rate for the treatment system design is outlined below.

Projected Flow Rate

Estimated Additional Users – from Montana Structures GIS
Existing System + Phase 1-4:

- 646 dwellings (single/multiple/mobile)
  - Phase 3: 150 (single/multiple/mobile)
  - Phase 4: 117 (single/multiple/mobile)
- 11 churches
  - Phase 3: 2
  - Phase 4: 3
- 6 civic/community – senior center, ball fields/pool (2 services), rec building, cemetery
  - Phase 4: 6
- 14 commercial – Rimrock Lodge (No Service?), remainder appear to be residential homes (add to dwellings)
  - Phase 3: 5
  - Phase 4: 1
- 2 fire stations – TF Volunteer #2, USFS TF Fire Shop (no service?)
- 3 government – USFS (no service?), TF City Shop? Well house?

- 1 nursing home
- 3 schools – elementary, junior high, high school
    - Phase 4: High School

Residential - Assume all growth for planning period is residential

Users	Population Estimate (1)	Per Capita Usage	Average Day Flow	Average Day Flow
20-Year Planning Period	1,155	100 gpcd	115,500 gpd	80.2 gpm

(1) Population represents 2010 Census Block GIS data with 0.1% annual growth

Non-Residential

School	Students & Staff	Per Student Usage	Average Day Flow	Average Day Flow	Water Record Flow
Elementary	270	15	4,050 gpd	2.8 gpm	3,220 gpd
Junior High	95	25	2,375 gpd	1.6 gpm	1,663 gpd
High School	195	25	4,875 gpd	3.4 gpm	1,868 gpd
		Total	11,300 gpd	7.8 gpm	6,751 gpd

*Students from Thompson Falls Public School phone call with District in November 2019

Expanded Collection System Flow

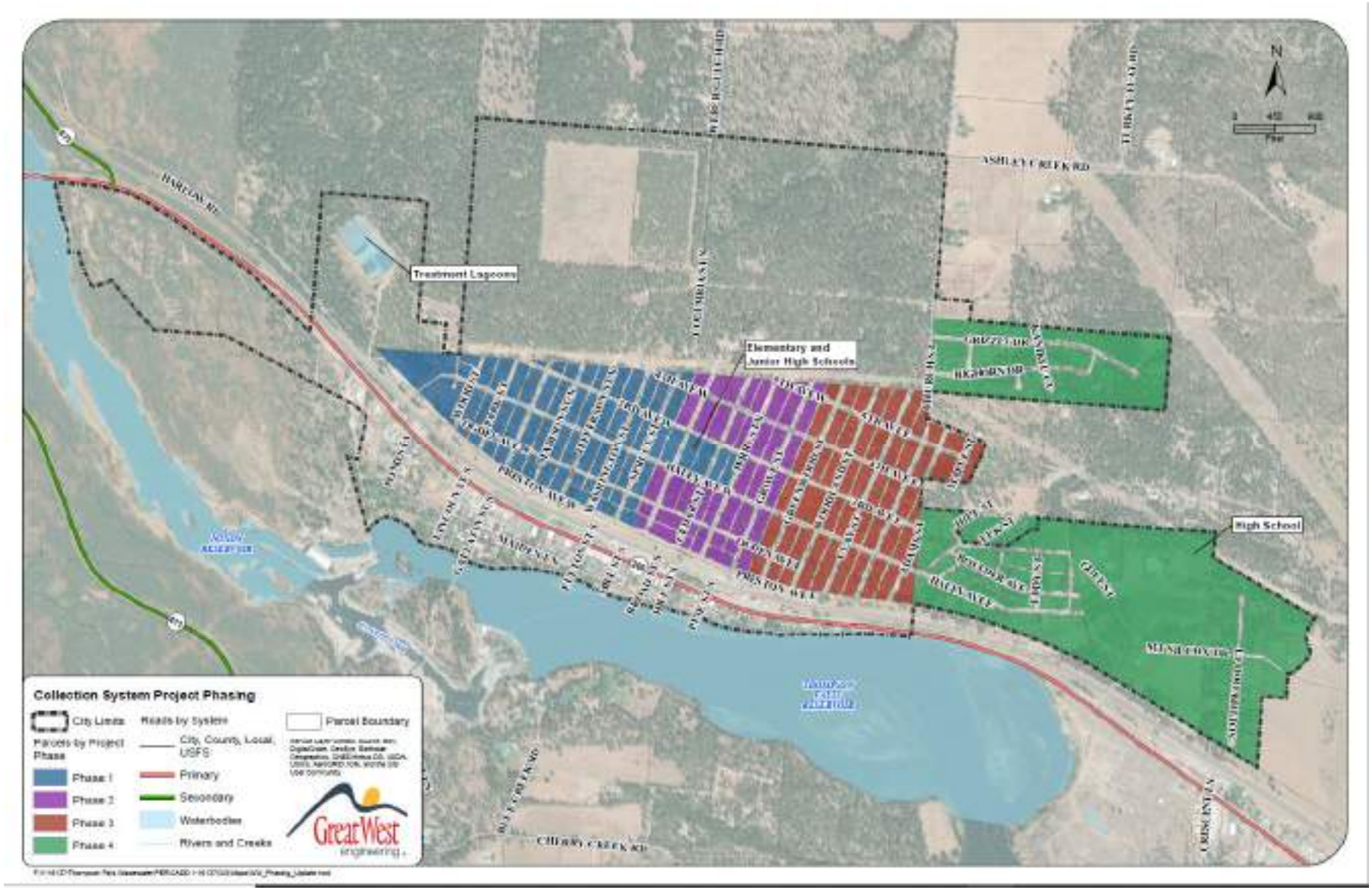
Users	Population Estimate (1)	Per Capita Usage for Residential	Average Day Flow (gpd) (2)	Average Day Flow (gpm)
20-Year Planning Period	1,353	100 gpcd	187,536 gpd	131 gpm

(1) Population represents 2010 Census Block GIS data with 0.1% annual growth, 20-year planning period based on 2040 planning year.
(2) Average Day Flow includes design flow for residential and commercial flows

Current & Expanded Collection System Flow by Phase

Collection Phase	Residential Wastewater Flow Gal/day	Non-Residential Wastewater Flow gal/day	Total Flow for Phase gal/day	Treatment System Flow gal/day	Residential EDUs	Non-Residential EDUs	Total EDUs gal/day
Existing System	-	-	35,300	35,300	81	106	187
Phase 1	39,750	4,590	44,340	79,640	177	19	196
Phase 2	29,315	3,870	33,185	112,825	126	16	142
Phase 3	37,305	205	37,505	150,330	149	32	181
Phase 4	30,945	6,256	37,121	187,451	101	48	149
Total 20-year (2040) planning period Total Flow (0.1% growth)			6,200				
		Total	**193,736**		**634**	**221**	**855**

Note: Flows noted in the table above are average day design flows. Total EDUs in the table above assume 1 residential EDU for vacant lots for treatment design flows.


Treatment Lagoons
Elementary and Junior High Schools
High School
Collection System Project Phasing
City Limits
Parcels by Project Phase
Phase 1
Phase 2
Phase 3
Phase 4
Roads by System
City, County, Local, USFS
Primary
Secondary
Waterbodies
Rivers and Creeks
Parcel Boundary
GreatWest engineering

Year		Average Day gal/day	Peak Day (1) gal/day	Peak Hour (2) gal/day	Peak Hour gal/min
Current System	Residential & Non-Residential	**35,300**	**70,600**	**146,495**	**101.7**
20-Year Planning Period (Current System + All 4-Phases	Residential	141,315	**387,472**	**719,052**	**499**
	Non-Residential	17,121			
	Sub Total	**193,736**			

(1) Average Day/Peak Day = 2.0 per Metcalf and Eddy
(2) Average Day/ Peak Day = 4.15 (current existing system) 3.71 (Planning Period unsewered areas) per DEQ 2.

Total Treatment Flow

Treatment Phase	Total EDU	Recommended Basis of Design Flows [1]
Existing + Phase 1 + Phase 2	521	112,825
Full Buildout (Phases1-4)	860	193,736

[1] As discussed above the recommended basis of design flows include a factor of safety for uncertainty of future development within the City as well as a growth rate of 0.1% for the 2040 planning period

Treatment System Design flow is 0.20 MGD

Design WWTP Influent Flows (treatment for all 4 phases)

- Design WWTP Influent Flows

	Peaking Factor	MGD[1] Flow	GPM[1] Flow
Treatment Design Flows: All Phases			
Winter Maximum Month	0.9	0.175 MGD	122 gpm
Annual Average		0.194 MGD	135 gpm
Summer Maximum Month	1.25	0.243 MGD	168 gpm
Maximum Day	2.25	0.388 MGD	269 gpm
Peak Hourly Flow	4	0.720 MGD	500 gpm

[1] Note that MGD = million gallons per day and gpm = gallons per minute

Organic Loading

- From Sampling Logs – Monthly Influent Grab Samples 2014-2019
- Average Flow from Pump Records (original existing system) – 35,300 gpd
- Population for existing DMR data (original existing system) – 194 people

- The current Phase 1 & 2 Project will upgrade the wastewater treatment site to a complete mix/partial mix covered lagoon system to treat flow for all four phases of the expansion of the collection system.

Design Influent Loading Wastewater Criteria

Parameter		Units	Existing System Treatment	20-Year Design Period
Population			**194**	**1353**
Influent 5-day Biochemical Oxygen Demand (BOD5)	Annual Average	mg/L	288	207
		lb/day		335
	Winter Max Month	mg/L	291	
		lb/day		
	Summer Max Month	mg/L	281	
		lb/day		
Influent Total Suspended Solids (TSS)	Annual Average	mg/L	300	224
		lb/day		362
	Winter Max Month	mg/L	365	
		lb/day		
	Summer Max Month	mg/L	269	
		lb/day		
Influent Ammonia (NH4-N)	Annual Average	mg/L		28
		lb/day		45
Influent Total Kjeldahl Nitrogen (TKN)	Annual Average	mg/L		
		lb/day		
Influent Total Phosphorus (TP)	Annual Average	mg/L		5.9
		lb/day		9.5
Flow	Average Day	MGD	0.035	0.194
	Peak Day	MGD	0.071	0.375
	Peak Hour	MGD	0.146	0.719

Design Influent Loading Wastewater Criteria

Parameter	Existing System Population (194)	Unsewered Expansion (1159)	20-Year Planning Period (1353)
Biochemical Oxygen Demand (BOD_5)	103 lb/day[1]	232 lb/day[2]	335 lb/day
	288 mg/L	148.2 mg/L	207 mg/L
Total Suspended Solids (TSS)	107 lb/day[1]	255 lb/day[3]	362 lb/day
	300 mg/L	164 mg/L	224.03 mg/L
Total Nitrogen (TN)	mg/L	24.5	28
	lbs/day	38.3 [4]	46 [4]
Total Phosphorus (TP)	mg/L	5.2	5.9
	lbs/day	8.2 [5]	9.5 [5]

[1]BOD5 & TSS for existing system loading determined by multiplying average influent flow rate (42,709 gpd) for 2014-2019 by the average influent concentration obtained from 2014-2019 monthly sampling logs.
[2] BOD loading per DEQ2 = 0.2 ppcd
[3] TSS loading per DEQ2 = 0.22 ppcd
[4] TN loading per DEQ2 = 0.033 ppcd
[5] TP loading per DEQ2 = 0.007 ppcd

Permit

General Permit for Continuous Discharging System 2017 Permit

Existing Permit – Final Water Quality Based Effluent Limits (WQBDEL)

Parameter	Units	Average Monthly	Average Weekly	Maximum Daily
Ecoli summer (April 1 – Oct 31)	Cfu/100 ml	126	252	-
Ecoli winter (Nov 1 – March 31)	Cfu/100 ml	630	1,260	-
Oil & Grease	Mg/L	-	-	10[2]
Ammonia, as N	Mg/L	[1]	-	[1]
Total Nitrogen, as N	Mg/L	[1]	-	[1]
Total Phosphorus, as P	Mg/L	[1]	-	

[1]No existing Waste Load Allocation (WLA) or existing permit limit. No additional requirements specified in the facility permit confirmation letter

[2] If visual monitoring indicates the presence of oil & grease, a grab sample must be submitted for analysis and discharge must cease if the concentration is found to be greater than 10 mg/L. There shall be no discharge which causes a visible oil film (or to be present at concentrations at or in excess of 10 mg/L).

Facility – Specific Mass-based Limits			
Parameter	**Units**	**Average Monthly**	**Average Weekly**
BOD5	lbs/day	22	53
TSS	lbs/day	35	53

TBEL Group A – NSS Technology Based Effluent Limits			
Parameter	**Units**	**Average Monthly**	**Average Weekly**
BOD5	mg/L	30	45
	% removal	85	NA
TSS	mg/L	30	45
	% removal	85	NA
pH	SU	6.0-9.0	

Treatment System Discharge from DMR Data

Effluent DMR Data for BOD and TSS 2013-2019

Parameter		Unit	Average Monthly	Average Weekly
Total	BOD5	mg/L	12.7	16.3
		Lbs/day	4.0	5.1
		% removal (1)	94.4%	-
	TSS	mg/L	9.2	11.3
		Lbs/day	2.8	3.6
		% removal (1)	94.1%	-
	pH (min-max)	SU	6.9-8.9	
Summer	BOD5	mg/L	12.7	16.5
		Lbs/day	3.9	5.1
		% removal (1)	93.9%	-
	TSS	mg/L	9.9	12.6
		Lbs/day	3.2	4.1
		% removal (1)	92.8%	-
Winter	BOD5	mg/L	12.8	15.1
		Lbs/day	4.1	5.2
		% removal (1)	95.2%	-
	TSS	mg/L	9.4	11.1
		Lbs/day	2.8	3.7
		% removal (1)	95.3%	-

(1) % removal calculated from sampling logs

- To stay within effluent mass based load limits, assuming 30 mg/L BOD5 and 45 mg/L TSS effluent concentration, the maximum discharge of the existing system is calculated by solving the following equation:

  *BOD: 22 lb/day = AverageDayDischarge * 30 mg/L * 8.34 (conversion)*

  *TSS: 35 lb/day = AverageDayDischarge * 30 mg/L * 8.34 (conversion)*

Based upon a calculated average influent/effluent ratio of 108% the maximum average day influent flow rate to the current treatment system is **94,964 gpd – Average Day Influent**

Future Treatment Standards

The existing 2018 MTG 581035 permit and Fact sheet for the 2017 General Permit considers Thompson Falls a continuous discharger.

- The Reasonable Potential (RP) analysis performed for the 2018 GP used the existing facility's design flow of 0.14 MGD. The design treatment capacity for the system is 0.20 MGD for an average day design. RP calculations were performed for the new design flow and determined that no RP exists for exceedances for TN, TP, Ammonia, or Nitrate + Nitrite at the average day design flow of 0.20 MGD for the 20-year Planning Period. Christine Weaver at DEQ (permit) was also consulted to review RP and concurred that no RP exists as noted above.

- The facility will still fall into Group A for BOD and TSS limits at National Secondary Standards, which is unchanged from the City's current general permit.

- The existing treatment system for Thompson Falls discharges to the Clark Fork River. The Clark Fork River at the point of discharge is classified as B-1, requiring the water bodies be maintained suitable for drinking, culinary, and food processing purposes, after conventional treatment; bathing, swimming, and recreation; growth and propagation of salmonid fish and associated aquatic life, waterfowl and furbearers; and agricultural and industrial water supply [ARM 17.30.623(1)]. Degradation impacting the established beneficial uses will not be allowed. Currently there is no current criteria for nutrients for the Clark Fork River in MDEQ-12A for the location of discharge.

MDEQ uses the following equation to set the mass-based limits for 30-day BOD average load:

30-day average load (lb/day) [22 lb/day] = avg daily design flow (mgd) x 30-day avg concentration limit (mg/L) x 8.34 conversion

- Per the equation above and the 20-year Planning Period average design flow of 200,000 gpd, the treatment system will need to treat to an average monthly BOD of 30 mg/l.
    - BOD loading will not exceed 22 lb/day with the new treatment system.
- To meet the non-degredation allocated load limits for BOD and TSS listed above (average monthly 22 lb/day & 35 lb/day respectively) for the expanded system, the estimated treatment limits are shown below:

Non-degradation Limits for Expansion			
Parameter	**Units**	**Average Monthly**	**Average Weekly**
BOD5	mg/L	15.6	37.5
TSS	mg/L	24.8	37.5

The existing treatment system may likely meet the BOD and TSS non-degradation requirements up to the average day influent indicated above (in the original current treatment facility). However, as part of the Phase 1 & 2 project, the treatment system is being upgraded to handle the full build out of the treatment system (Phase 1-4) with a treatment design capacity of 0.20 MGD

Treatment System Improvement Design Effluent Limits

Parameter	Units	20-Year Planning Period (1353)
Biochemical Oxygen Demand (BOD_5)	30-day (mg/L)	10
Total Suspended Solids (TSS)	30-day (mg/L)	10
	7-day (mg/L)	
Ammonia	30-day (mg/L)	3
	lbs/day	
Ecoli summer (April 1 – Oct 31)	Cfu/100 ml	126 (monthly) / 252 (weekly)
Ecoli winter (Nov 1 – March 31)	Cfu/100 ml	630 (monthly) / 1,260 (weekly)
Oil & Grease	Mg/L	10 (max. daily)

Existing Permit – Final Water Quality Based Effluent Limits (WQBDEL)

Parameter	Units	Average Monthly	Average Weekly	Maximum Daily
Biochemical Oxygen Demand (BOD_5)	30-day (mg/L)	30	30	-
	7-day (mg/L)	45	45	
Total Suspended Solids (TSS)	30-day (mg/L)	30	30	
	7-day (mg/L)	45	45	
Ecoli summer (April 1 – Oct 31)	Cfu/100 ml	126	252	-
Ecoli winter (Nov 1 – March 31)	Cfu/100 ml	630	1,260	-
Oil & Grease	Mg/L	-	-	10(2)
Ammonia, as N	Mg/L	(1)	-	(1)
Total Nitrogen, as N	Mg/L	(1)	-	(1)
Total Phosphorus, as P	Mg/L	(1)	-	

(1)No existing Waste Load Allocation (WLA) or existing permit limit. No additional requirements specified in the facility permit confirmation letter

(2) If visual monitoring indicates the presence of oil & grease, a grab sample must be submitted for analysis and discharge must cease if the concentration is found to be greater than 10 mg/L. There shall be no discharge which causes a visible oil film (or to be present at concentrations at or in excess of 10 mg/L).

Sewer System Overview – Existing System + Phase 1 & 2

Collection system

- Original System installed in 1940s
  - South of Highway 200
  - Approximately 132 connections
- 1997
  - Removed storm sewer connections
- Annual maintenance program jetting and cleaning entire collection system
- 2011 DEQ Inspection indicates no records of sanitary sewer overflows (SSO)
- Three SSO reports provided by City (from 2018 PER)
- 2019 DEQ inspection Report
  - City address concerns about Report/DMRs and noted system upgrades for 2020/2021

Existing Force Main

- From main lift station to lagoon site
- 6-inch (replacing AC pipe from Lincoln St to Lagoon Treatment Site) – 5,050 LF
  - Has experienced several breaks; needs replaced
  - Included in current project as Bid Additive Alternate
- Length of replacement section= 3,650 feet

Lift Stations:

- Existing Main Lift Station –
  - Three Phase 30 hp motor
  - Duplex dry well pumps –
    - Design Point 175 gpm @ 192 ft TDH
      - This is for new TDH at the location of the new headworks site
  - Dry well/wet well configuration
  - Backup Generator and automatic transfer switch being setup with Phase 1 & 2 project
-

Current Construction Project Includes:

- Ferry St. Lift station
  - Small triplex grinder pump station at the south end of Ferry St on the existing system.
    - Each grinder pump is 1 HP
  - Use existing 8” CIPP lined pipe from Ferry St. through the Alleyway to Hill St. as a carrier pipe for the 1.5” grinder forcemain.
    - 12 gpm at 26.2 TDH
  - Backup propane generator sized to operate upto 3 pumps.
- Lift Station #1
  - Located near Preston/Wood intersection. Will pump all flow from Phase 1—4 to treatment site via separate 6” forcemain.
  - Sized for Phase 1-4 flows
  - Duplex submersible Pumps
    - 8’ wet well

        - Capable of passing 3-inch diameter sphere
        - 392 gpm at 149 TDH
        - 35 HP
    - 6” Forcemain

- Lift Station #2
    - Located near intersection of Preston and Columbia
    - Sized for flows from Spruce St. east, sized to pump flows from Phase 3 & 4 via 6” forcemain to Lift station #1
    - Duplex submersible pumps
        - 6’ wet well
        - Capable of passing 3-inch diameter sphere
        - 312 gpm at 40 TDH
        - 7.5 HP
    - 6” Forcemain
        -

Treatment System

- Original Lagoon constructed in 1969
- 1987
    - divided the original lagoon into three (3) cells and lined Cell III
- 1997
    - Removed sludge
    - Deepened and lined Cells I and II
    - Installed diffusers in all treatment cells
    - Blower building
- Overview (current lagoon system installed in 1997)
    - Three Cell Aerated Lagoons
        - Cell 1 and 2 can operate parallel or in series
        - Currently operate in series
        - O&M Recommends
            - Series Operation in Summer
            - Parallel Operation in Winter
    - Cell 1 & 2
        - HDPE Lined (1997)
        - 0.56 acres
        - 12 feet deep
        - Volume = 1.415 MG
        - 9 static tube course aeration lines
            - 5 lines with 5 portals
            - 4 lines with 4 portals
    - Cell 3
        - PVC Lined (1987)

- 1 acre
- 7 feet deep
- Volume = 1.92 MG
- Partially aerated
    - 9 static tube course aeration lines declining in portals from west to east
        - First 4 lines have 6 portals
        - Next 2 lines have 5 portals
        - Next 2 lines with 2 portals
        - Last line with 1 portal
- Quiescent zone near outlet
- Multi-level effluent draw structure (2, 4- & 6-foot intervals)
    - Typically draws from 4 feet

- Blowers
    - 2 x 25 HP
- 2014 sludge measurement by Rural Water indicates average 18-inch

- Effluent
    - Forcemain to Clark's Fork
        - 3,600 LF of 6-inch asbestos cement pipe
    - Discharge Structure
    -

Phase 1&2 Treatment System Improvements Project – 2020/2021

- Backup Diesel Generator for treatment site equipment
- New Headworks building with separate electrical/office space
    - Stair screen with washer compactor
        - Equipment and channel designed to initially treat flows for existing system + Phase 1 &2
            - Also capable of treating full building existing system Phase 1-4
            - Channel fillets to be removed as flow beyond Phase 2 is added to the system
    - Blower building improvements with 2 new 50 HP blowers
        - New lagoon aeration piping
    - Lagoons
        - Cell 3 will be abandoned and used for sludge drying
        - Cell 1 & 2 used for treatment with a baffle curtain in each cell
            - Lagoons will have insulated floating covers
            - Access hatches to suspended aeration diffusers

Complete/Partial Mix Lagoon Design Criteria

Item	Unit	Design Value	DEQ Circular 2 Criterion
Number of Cells	ea	2*	2
Length (each earth embankment cell)	ft	195	--
Width (each earth embankment cell)	ft	201	--
Cell #1a & #1b Water depth	ft	12	--
Cell #2a & #2b Water depth	ft	11	
Cell #1a & #1b Volume	MG	1.5	
Cell #1a & #1b Volume	MG	1.4	--
Cell #1a Diffusers (complete mix cell)	ea	34	--
Cell #1b Diffusers (partial mix cell)	ea	6	
Cell #2a Diffusers (partial mix cell)	ea	5	
Cell #2b Diffusers (complete mix cell)	ea	4	Cell #1a Diffusers (complete mix cell)
Blowers (2)	hp	50	--

*Two cells will be divided by a flow-through baffle curtain, totaling 4 treatment cells

  - Polishing Reactor
    - Concrete basin with aerated fixed film media units for additional treatment (ammonia removal)
  - UV Disinfection building
    - Open channel UV treatment

- **Effluent:**
  - Continuous Discharge into existing discharge structure, forcemain to Clark Fork river
  - 3,600 LF of 6" asbestos cement pipe
  - Discharge structure.

Design Treatment Paraments for 2020/2021 Treatment System Improvements:

Treatment System Improvement Design Effluent Limits

Parameter	Units	20-Year Planning Period (1353)
Biochemical Oxygen Demand (BOD_5)	30-day (mg/L)	10
Total Suspended Solids (TSS)	30-day (mg/L)	10
	7-day (mg/L)	
Ammonia	30-day (mg/L)	3
	lbs/day	
Ecoli summer (April 1 – Oct 31)	Cfu/100 ml	126 (monthly) / 252 (weekly)
Ecoli winter (Nov 1 – March 31)	Cfu/100 ml	630 (monthly) / 1,260 (weekly)
Oil & Grease	Mg/L	10 (max. daily)

The upgraded treatment system will be able to treat effluent to meet the existing and proposed future permit limits for current system loading as well as Phase 1-4 system loading.

Proposed Improvements for 2018 PER & 2020 PER Update

Collection System Expansion Alternatives

These alternatives were vetted during the 2018 PER, this PER update is meant to continue and update the existing 2018 PER to continue expanding the collection system into Phase 3 and 4.

Low pressure collection system – not considered as topography allows conventional. Some individual services may require individual grinder pumps to connect septic system inlet piping to the proposed collection system.

Conventional Gravity Sewer System

C1 – Separate Forcemain to Treatment Site

- Collect wastewater from unsewered portion of community at a lift station on the west end of Preston Ave.
- Four additional lift stations will be needed (West Preston, East Preston & Golf Ave.)
- Replace forcemain from the Main Lift Station to the treatment site; 6-inch up to West Preston forcemain connection and 8-inch past there to treatment site
- Upgrade Main Lift Station Pumps
- Backup Power at Main Lift Station
- 1,300 LF 12-inch ACP gravity main replacement
- Inflow and Infiltration Improvements

Alternative C1

- Project was separated into 4 Phases
    - Phase 1 and Phase 2 of Alternative C1 were funded and are currently scheduled to bid and construct in 2020-2021.
- Cost estimates for Phase 3 and 4 have been updated for Alternative C1 below. C1P – Forcemain Phased Collection System Expansion
-
- Phasing for Alternative C1 will progress from the western edge of the un-sewered portion of the City to the east.
- Phase 1 & 2 have been funding and are currently scheduled to bid in the summer of 2020 and construct during 2020 & 2021. The current project also includes replacement of the existing forcemain from the Main Lift Station to the treatment facility and upgrades to the Main Lift Station to reduce include a backup generator and integrated controls. Phase 1 & 2 also included existing system improvements.

- Phase 3 and 4 will all include new lift stations. Phase 3 progresses from the western edge of the unswered portion of the City starting at Greenwood st.

- Phases 3 & 4 will convey wastewater to Phase 1 & 2 collection piping to the new lift station #2 near the intersection of Columbia & Preston (near the west end of Preston) which will pump wastewater to lift station 1 and then up to the treatment facility.

Phased Sewer System Improvements general outline

Currently planned for 2020/2021 Construction

- Phase 1 – Collection System Expansion
  - Lift Station #1
  - Parallel forcemain to the treatment site
  - Collection System expansion to area of City west of Spruce Street, including the Elementary School and Junior High School
- Phase 2 – Treatment System upgrades
  - Install upgraded treatment system
  - Lift Station #2 and forcemain to Lift Station #1 sewer-shed
  - Collection System expansion

2020 PER Update:

- Phase 3 – Collection System Expansion
  - Collection system expansion from Greenwood street east to Adams st
  - 10 homes on a low pressure forcemain near N. Adams St.
  - Lift Station #3 and forcemain to lift station #2 in Phase 2.
- Phase 4 – Collection System Expansion
  - Lift Station #4 and force main to lift station #3 sewer-shed
  - Collection System expansion east of Adams St including High School

Treatment System Alternatives

Treatment system existing average day influent design flow = 50,540 gpd. Current treatment system has capacity of 94,960 gpd influent to meet non-deg BOD limits. The existing system can accept approximately 44,420 gpd more influent and still meet non-deg, which is not enough capacity for Phase 1 and 2 to be added to the treatment system.

Funding was received with Phase 1 & 2 to upgrade treatment system improvements based on the 2018 PER. Ultimately T2-1 was the preferred alternative and a complete

2018 PER Treatment design and cost estimate included:

Preferred Alternative: T2 – Increased treatment to reduce effluent BOD and TSS to meet non-deg limits by discharging all effluent.

Design Criteria for Treatment System Expansion:

T2-1 – Lemna

- Complete mix w/aeration, followed by partial mix aeration
- Polishing reactor – attached growth reactor for ammonia and additional BOD removal
- Lagoon insulated covers
    - Maintain temperature
    - Minimize algae growth
    - Quiescent settling
- Reuse Cell 1 and Cell 2 for system construction
- Abandon Cell 3 and use for sludge storage and drying
- Headworks
- UV Disinfection
- Backup Power

Alternative T2-1 Cost Estimate = $4,462,000*

- ***This alternative was not evaluated and a cost estimate update was not included in the 2018 PER as the current Phase 1 & 2 project includes the treatment upgrades that are capable of handling the expanded Phase 3 & 4 collection system.**

Sludge

- Removal and Disposal will be completed in Phase 1 & 2 project (2020/2021)
    - Removal method will be dependent upon Contractor's means and methods
    - Land Application
        - Preferred if sludge quality meets 503 requirements
        - Area needed depends on soil nutrients and crop
        - Closer to the lagoons the better
        - Adjacent landowner has contacted the City and is interested in taking sludge on crop
    - Landfill
        - Required if metal content is too high – tests from 2019 indicate metals are not too high
            - More expensive
- Sludge removal is included in base bid of project, sludge disposal is included in current construction project as an additive alternate

Evaluation of Alternatives

Collection System:

Separate forcemain to Treatment site, continue Phases 3 and 4 of improvements
The estimated cost, as well as an estimate of increased operation and maintenance costs and the number of new connections for each phase 3 and 4 is presented below.

	Alternative C1 – Separate Forcemain			
Phase Summary	**EDUs**	**Parcels**	**Collection Total**	**Annual O&M Increase**
Phase 1 (2020)*	196	194	$ 6,680,000 *	$ 16,400
Phase 2 (2021)*	142	143	$ 4,324,000*	$ 13,800
Phase 3 (2023)	157	175	$ 6,994,000	$ 18,100
Phase 4 (2025)	140	141	$ 7,807,000	$ 15,200
Total	**635**		**$ 25,808,000**	**$ 59,200**

*Collection system costs for Phase 1 and 2 are estimated costs from the **2018 PER** and do not reflect construction bid cost as the project has not been bid to date. Phase 3 & 4 have been updated for the 2020 PER update

Treatment System

Treatment system upgrades are being completed in the current Phase 1 and 2 collection system expansion project. Treatment facility design of the current designed project will treat flows from Phase 1-4. As a result treatment upgrades will not be needed for Phase 3 and 4 connecting to the treatment system.

Estimated Costs for Collection System Improvements: Phase 3

The estimated cost for the City of Thompson Falls **Phase 3 Wastewater System Expansion is $ 6,994,000**

OPINION OF PROBABLE COST CITY OF THOMPSON FALLS WASTEWATER IMPROVEMENTS PROJECT PHASE 3 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)					
#	**BID ITEM**	**QTY**	**UNITS**	**UNIT PRICE [1]**	**TOTAL**
1	Exploratory Excavation	50	HR	$ 350.00	$ 17,500
2	8" PVC SDR 35 Sewer Main	11,697	LF	$ 75.00	$ 877,275
3	Imported Backfill	1,733	CY	$ 25.00	$ 43,322
4	Standard Manholes	40	EA	$ 4,600.00	$ 184,000
5	Service Connection at Main	181	EA	$ 275.00	$ 49,775
6	Gravity 4" Sewer Service Line	16,200	LF	$ 35.00	$ 567,000
7	4" Sewer Service Connection at Home	181	EA	$ 500.00	$ 90,500
8	4" Sewer Service Cleanout	543	EA	$ 150.00	$ 81,450
9	Grinder Pump Service Unit	26	EA	$ 8,500.00	$ 221,000
10	Grinder Pump Service Unit Connection to Existing	14	EA	$ 400.00	$ 5,600
11	Grinder Pump Service Unit Connection at Grinder	26	EA	$ 275.00	$ 7,150

12	Pressure Service Connection at low Pressure Forcemain	12	EA	$	300.00	$	3,600
13	1.5" Curb Stop/Check Valve	19	EA	$	300.00	$	5,700
14	Pressure 1.5" HDPE Service Line	1,900	LF	$	25.00	$	47,500
15	Low Pressure Forcemain (1.5" HDPE)	780	LF	$	25.00	$	19,500
16	Abandon Existing Septic Tanks	181	EA	$	1,500.00	$	271,500
17	Service Line Surface Restoration	18,100	LF	$	18.00	$	325,800
18	Lift Station #3	1	LS	$	175,000.00	$	175,000
19	Lift Station #3 Emegency Generator	1	LS	$	150,000.00	$	150,000
20	6" Forcemain	1,900	LF	$	60.00	$	114,000
21	6" Forcemain Fittings	12	EA	$	1,500.00	$	18,000
22	Sidewalk Removal & Replacement	600	SF	$	28.00	$	16,800
23	Curb Removal & Replacement	500	LF	$	25.00	$	12,500
24	Rock Hammer	1,170	HR	$	275.00	$	321,668
25	Type A Surface Restoration (AC)	12,477	LF	$	45.00	$	561,465
26	Type B Surface Restoration (Agg)					$	-
27	Type C Surface Restoration (Open)					$	-
28	Electrical	20%	LS	$	325,000.00	$	65,000
29	Instrumentation and Control - Separate Contract	1	LS	$	15,000.00	$	15,000
	Direct Construction Subtotal					**$**	**4,268,000**
	Mobilization		10.0%			$	427,000
	Traffic Control		4%			$	171,000
	Contingency		10%			$	427,000
	Construction Subtotal					**$**	**5,293,000**
	2022 Construction Cost [2]		3.0%			$	5,615,000
	Land Acquisition						
	Water Rights						
	Right-of-Way & Permits					$	15,000
	Hydrogeologic Investigation						
	Geotechnical Investigation					$	40,000
	Engineering		20%			$	1,059,000
	Legal & Administrative		5%			$	265,000
	TOTAL					**$**	**6,994,000**

[1] Estimated unit costs are based upon estimates from suppliers and bid tabs for similar projects throughout Montana.
[2] The ENR 20 year average Construction Cost Index is +2.95% (as of December 2018), so capital costs are projected to an anticipated construction date in 2022 using a 3% inflation rate.

Estimated Costs for Collection System Improvements: Phase 4

The estimated cost for the City of Thompson Falls **Phase 3 Wastewater System Expansion is $7,807,000**

OPINION OF PROBABLE COST
CITY OF THOMPSON FALLS WASTEWATER IMPROVEMENTS PROJECT
PHASE 3 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)

#	BID ITEM	QTY	UNITS	UNIT PRICE [1]	TOTAL
1	Exploratory Excavation	50	HR	$ 350.00	$ 17,500
2	8" PVC SDR 35 Sewer Main	16,144	LF	$ 75.00	$ 1,210,781
3	Imported Backfill	2,392	CY	$ 25.00	$ 59,792
4	Standard Manholes	50	EA	$ 4,600.00	$ 232,066
5	Service Connection at Main	151	EA	$ 250.00	$ 37,750
6	Gravity 4" Sewer Service Line	13,500	LF	$ 35.00	$ 472,500
7	4" Sewer Service Connection at Home	151	EA	$ 500.00	$ 75,500
8	4" Sewer Service Cleanout	453	EA	$ 150.00	$ 67,950
9	Grinder Pump Service Unit	16	EA	$ 8,500.00	$ 136,000
10	Grinder Pump Service Unit Connection to Existing	14	EA	$ 400.00	$ 5,600
11	Grinder Pump Service Unit Connection at Grinder	19	EA	$ 275.00	$ 5,225
12	Pressure Service Connection at Main	2	EA	$ 300.00	$ 600
13	1.5" Curb Stop/Check Valve	16	EA	$ 300.00	$ 4,800
14	Pressure 1.5 HDPE Service Line	1,600	LF	$ 25.00	$ 40,000
15	Abandon Existing Septic Tanks	181	EA	$ 1,500.00	$ 271,500
16	Service Line Surface Restoration	15,100	LF	$ 18.00	$ 271,800
17	Lift Station #4	1	LS	$ 150,000.00	$ 150,000
18	Lift Station #3 Emegency Generator	1	LS	$ 125,000.00	$ 125,000
19	6" Forcemain	2,950	LF	$ 60.00	$ 177,000
20	6" Forcemain Fittings	16	EA	$ 1,500.00	$ 24,000
21	Sidewalk Removal & Replacement	600	SF	$ 28.00	$ 16,800
22	Curb Removal & Replacement	500	LF	$ 25.00	$ 12,500
23	Rock Hammer	1,614	HR	$ 275.00	$ 443,953
24	Type A Surface Restoration (AC)	16,144	LF	$ 45.00	$ 726,469
25	Type B Surface Restoration (Agg)				$ -
26	Type C Surface Restoration (Open)				$ -
27	Electrical	20%	LS	$ 275,000.00	$ 55,000
28	Instrumentation and Control - Separate Contract	1	LS	$ 15,000.00	$ 15,000
	Direct Construction Subtotal				**$ 4,655,000**
	Mobilization		10.0%		$ 466,000
	Traffic Control		4%		$ 186,000
	Contingency		10%		$ 466,000
	Construction Subtotal				**$ 5,773,000**

2023 Construction Cost [2]	3.0%	$	6,308,000
Land Acquisition			
Water Rights			
Right-of-Way & Permits		$	15,000
Hydrogeologic Investigation			
Geotechnical Investigation		$	40,000
Engineering	20%	$	1,155,000
Legal & Administrative	5%	$	289,000
TOTAL		**$**	**7,807,000**

[1] Estimated unit costs are based upon estimates from suppliers and bid tabs for similar projects throughout Montana.

[2] The ENR 20 year average Construction Cost Index is +2.95% (as of December 2018), so capital costs are projected to an anticipated construction date in 2023 using a 3% inflation rate.

Financial Status

Income and expenditures for the wastewater system, including operations and maintenance, are included in the Sewer account under the Town's accounting system. A summary of the operating expenses and revenue for 2014, 2015, 2016 are included in the table below.

Table Summary of Wastewater Income and Expenses

Description	07/14-06/15	07/15-06/16	07/16-06/17	
Expenses				
Operating Expenses	$ 79,328.00	$ 91,877.00	$ 176,550.00	
Debt Service	$ 13,748.00	$ 13,748.00	$ 20,622.00	
Reserves	-	-	-	
Total Expenses	**$ 93,076.00**	**$ 105,625.00**	**$ 197,172.00**	
Income				
Sewer Revenues	$ 116,750.00	$ 102,346.00	$ 109,641.00	
Investment and Royalty Earnings	$ 230.00	$ 280.00	$ 270.00	
Other (proceeds from Grant and Loans)	$ -	$ -	$ 69,500.00	
Total Income	**$ 116,980.00**	**$ 102,626.00**	**$ 179,411.00**	
Net Profit	**$ 23,904.00**	**$ (2,999.00)**	**$ (17,761.00)**	

Funding Overview

- Current Sewer System Rate = $40/month/EDU
- Current Water Rate = $38.85/month for first 8,000 gallons
- Combined = $78.85/month/EDU
- 2010 American Communities Survey data:

Total Population	1313		
Total Households	618		
Median Household Income	$30,595		
Low & Moderate Income Percent	55.19%		
Percent Poverty	20.60 %		
Target Rates		**Actual Existing System (2019)**	
Water & Waste Water	$58.64	$78.85	149%
Water Only	$28.68		
WasteWater Only	$18.44		
Solid Waste Only	$6.15		

- Funding strategies are created to give the City different options on how to fund the selected alternative/project.
- SRF – Loan 2.5% @ 20 years
    - "Principal Forgiveness" – not typically available for wastewater projects
- RD – Current MHI $24.583; rates as of 5/1/2020
    - Loan 1.375% for 40 years
        - Poverty Rate (1.375%): A community qualifies for the poverty rate if its median household income (MHI) is less than ***$38,206*** and the project is needed to alleviate a health and/or sanitary problem (potential threat not eligible).
        - Intermediate Rate (1.875%): Applies to communities with an MHI greater than ***$38,205*** and less than ***$47,757*** without an existing health and/or sanitary problem. <u>This rate also applies to communities with an MHI less than $38,205 and no documented health and/or sanitary problem.</u>
        - Market Rate (2.375%): Applies to communities with an MHI greater than ***$47,757***
    - Up-to 75% of "eligible project costs" for portion of project not funded by state or federal grant program. **Discussions for purposes of this analysis and funding packages for Phase 1 & 2, 45% grant was used**
- DNRC Grant - $125,000
- TSEP – Target Rate for Thompson Falls – $58.64; 2019 rate ***<u>before Phase 1 & 2</u>*** project for Water/Sewer is $86.65 (149% of TR)
    - Thompson Falls Proposed rate once bids for Phase 1 & 2 are received: $65.00 base sewer rate, 2020 rate Water/Sewer is $111.68 (191%)
    - 100% TR ($47.12)– maximum $500,000 grant with 50/50 match
    - 125% TR ($58.90)– maximum $625,000 grant with 50/50 match
    - 150% TR ($70.68)– maximum $750,000 grant with 50/50 match
- CDBG – at least 51% must be LMI (Thompson Falls is at 65.88% per 2010 American Communities Survey)
    - Thompson Falls will likely qualify
- Every effort will be made to utilize grant funding from:
    - Treasure State Endowment Program (up to $750,000)

- Department of Natural Resources and Conservation ($125,000)
- CDBG Grant ($450,000)
    - The City currently has an open CDBG Grant and cannot apply for additional funds until the grant is closed.
    - Project is in construction, and the completion date could extend past the CDBG application deadline in September.

Funding Scenarios

Collection Alternative C1 – Phasing –

EDU Summary by Phase

Phase	Residential	Residential EDUs	Commercial connections	Commercial EDUs	Commercial EDUs
Phase 1[(1)]	*177*	*177*	*13*	***19***	*196*
Phase 2[(1)]	*126*	*126*	*6*	***16***	*142*
Phase 3	150	150	7	7	157
Phase 4	117	117	17	23	140
Subtotal	**570**	**570**	**43**	**65**	**635**
Original Existing System	82	82	46	105	187
Total	**652**	**652**	**87**	**170**	**822**

(1) Constructed in 2020/2021

Funding Scenarios:

- Adding Phase 3 collection system improvements will range in a user sewer rate of $65.00-$71.00.
    - The current proposed base sewer rate for the system improvements constructed in 2020/2021 is $65.00
- The proposed rate includes funding from DNCR, TSEP & RD
    - The range in rates is variable based on the percentage of RD grant/loan received.
    - **Scenario #1 assumes a 45% RD Grant and a 55% RD Loan**
        - No proposed net increase to the $65.00 sewer base rate
- The funding scenarios are listed below in detail.
    - A portion of the RD loan is assumed to be an assessment bond (similar to the funding structure from RD for Phase 1 & 2)
        - Rates are calculated based on Parcels in the Phase 3 boundary will pay approx.. $300/annual towards the 2-year term Assessment Bond that will be applied to the project.

ITEM	FUNDING OPTIONS FOR SCENARIO #1 DNRC, TSEP and RD (1.38% for 40 years*) 45% RD Grant - 55% Loan Participation	SCENARIO #2 DNRC, TSEP and RD (1.38% for 40 years*) - RD 25% Grant-75% Loan Participation	SCENARIO #3 DNRC, TSEP and RD (1.38% for 40 years*) - RD 75% Grant-25% Loan Participation
Collection System Improvements Phase 3	$6,994,000	$6,994,000	$6,994,000
Rounded Total	**$6,994,000**	**$6,994,000**	**$6,994,000**
TSEP Grant	$750,000	$750,000	$750,000
DNRC Grant	$125,000	$125,000	$125,000
CDBG Grant			
RD Grant	$2,753,550	$1,529,750	$4,589,250
RD Loan (assessment bonds only Phase 3 Parcels @ $4350/parcel)	$682,950	$682,950	$682,950
RD Loan (revenue bonds)	$2,682,500	$3,906,300	$846,800
Total Project Funds	**$6,994,000**	**$6,994,000**	**$6,994,000**
Total Loan Amount (revenue)	**$2,682,500**	**$3,906,300**	**$846,800**
Annual Loan Payment (revenue)	$95,520	$139,100	$30,160
Total Loan Payments Over Life of Loan (revenue)	$3,820,800	$5,564,000	$1,206,400
Total Interest Paid Over Life of Loan (revenue)	**$1,138,300**	**$1,657,700**	**$359,600**
Annual Loan Coverage (revenue)	$9,552	$13,910	$3,016
Total Loan Amount (assessment)	**$682,950**	**$682,950**	**$682,950**
Annual Loan Payment (assessment, 20 years @ 2.375%)	$43,340	$43,340	$43,340
Total Loan Payments Over Life of Loan (assessment)	$866,800	$866,800	$866,800
Total Interest Paid Over Life of Loan (assessment)	**$183,850**	**$183,850**	**$183,850**
Annual Loan Coverage (assessment)	$4,334	$4,334	$4,334
TOTAL ANNUAL CAPITAL DEBT SERVICE COST	**$47,674**	**$47,674**	**$47,674**
TOTAL ANNUAL CAPITAL DEBT SERVICE COST	**$105,072**	**$153,010**	**$33,176**
User Phase 3 assessment Cost/Month	***$25.30***	***$25.30***	***$25.30***
User Capital Cost/Month	***$12.91***	***$18.81***	***$4.08***
Current Annual O&M [1]	$231,791	$231,791	$231,791
Annual Short Lived Assest (Collection + Treatment System Phase 1-3 only)	$18,100	$18,100	$18,100
Current Annual Debt Service	$154,843	$154,843	$154,843
Additional O&M Due To Project	$18,100	$18,100	$18,100
TOTAL ANNUAL O&M COSTS to NEW USERS [2]	**$422,834**	**$422,834**	**$422,868**
New User O&M Cost/Month	***$51.97***	***$51.97***	***$51.97***
USER COST/MONTH FOR PROJECT	**$64.89**	**$70.78**	**$56.05**
Existing Average User Cost/Month/EDU[3]	$65.00	$65.00	$65.00
COST/MONTH INCREASE/EDU	**-$0.11**	**$5.78**	**-$8.95**
Existing Other System Cost/Month	$46.68	$46.68	$46.68

Total Proposed Water & Sewer Cost/Month	$111.57	$117.46	$102.73
Combined Systems Target Rate	$58.64	$58.64	$58.64
PERCENT OF COMBINED TARGET RATE	**190.3%**	**200.3%**	**175.2%**

[1] Based on 2016-2017 budget presented in the Expenditure Budget Report minus PER costs. Current O&M assumed fpr Ph. 1&2 as base rate of $65 accounts for existing o&M

[2] Sum of Current O&M for existing system and debt service divided amoung existing system and new system users 678- Existing EDUs (187)+ Phase 1 (194) + Phase 2 (140) + Phase 3 (157)

[3] Estimated base rate starting in summer of 2020, raised for current Phase 1 & 2 Project

Potential Schedule

- Present Alternatives Analysis to City of Thompson Falls (March 2020)
- Public Hearing on Draft 2020 PER Update (March 9, 2020)
- Prepare Final 2020 PER Update (February 2020 – May 2020)
- Apply for TSEP, DNRC Grants & RD Grant/Loan (June 2020)
- Finalize Financing (May/June 2021)
- Begin Design (July 2021)
- Submit Design Plans & Specifications to MDEQ (December 2021)
- MDEQ Review & Approval (January 2022)
- Advertise for Bids (February 2022)
- Start Construction (May 2022)
- Complete Construction (December 2022)

Wastewater System Improvements

City of Thompson Falls
Public Meeting

3.9.2020

Carrie Gardner, PE

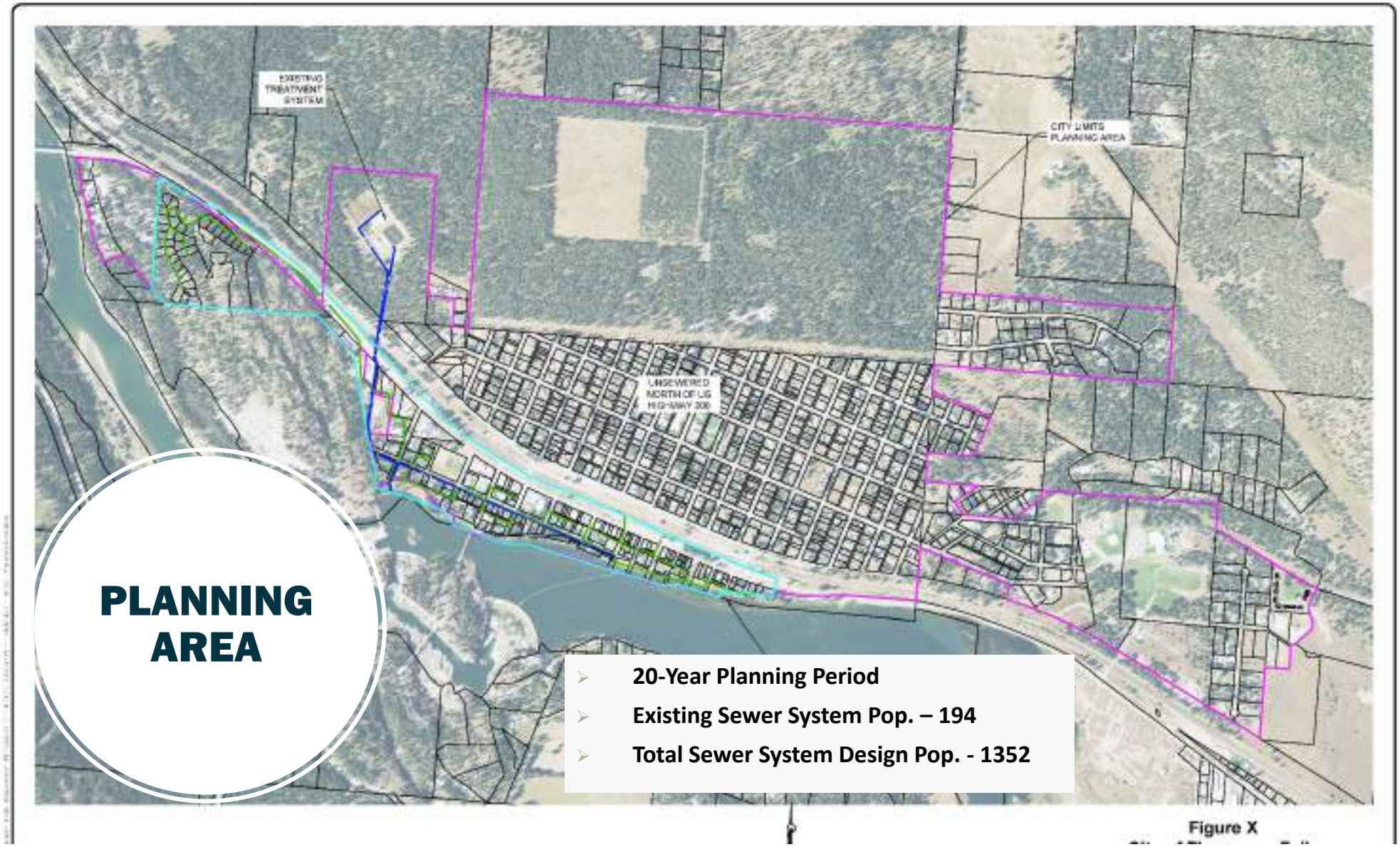
GreatWest engineering

WHY ARE WE HERE

- City has identified system needs
  - Wastewater System Preliminary Engineering Report (PER) **Update**
  - Environmental Assessment
  - YOUR INPUT

PRELIMINARY ENGINEERING REPORT

- **What is a PER**
  - Technical report required by funding agencies to qualify for grant and loan funds
  - Analysis of existing system
  - Problem definition
  - Alternative evaluation
    - Selection of preferred alternative
  - Cost estimates and funding scenarios
  - Implementation schedule
  - Public Comment



PLANNING AREA

- 20-Year Planning Period
- Existing Sewer System Pop. – 194
- Total Sewer System Design Pop. - 1352

Figure X

PROBLEM DEFINITION

- **COLLECTION SYSTEM**
  - Replace Sections of Aging Pipe [Ph. 1 & 2]
  - Reduce Inflow & Infiltration [Ph. 1 & 2]
  - Expand to Un-Sewered Area of City
    - 4-Phased approach
- **Lift stations and Forcemain**
  - Replace forcemain to treatment site
  - New lift station and pumps
- **Treatment**
  - Headworks
  - Sludge
  - Improvements for Planning Period Flow

SELECTION OF PREFFERED ALTERNATIVE

- **RANKING CRITERIA**
  - Life cycle cost analysis
  - Operation & maintenance considerations
  - Permitting issues
  - Social impacts
  - Environmental impacts
  - Public health and safety
  - Land acquisition

EVALUATION OF EXISTING SYSTEM

- Historic and projected flow rates

Year		Average Day (gpd)	Peak Day (gpd)	Peak Hour (gpd)	Peak Hour (gpm)
Current	Residential & Non-Residential	**35,300**	70,600	146,495	101.7
20-Year Planning Period (Phase 1-4)	Residential	141,315	387,472	719,052	499
	Non-Residential	17,121			
	Total	**193,736**			

ALTERNATIVE ANALYSIS

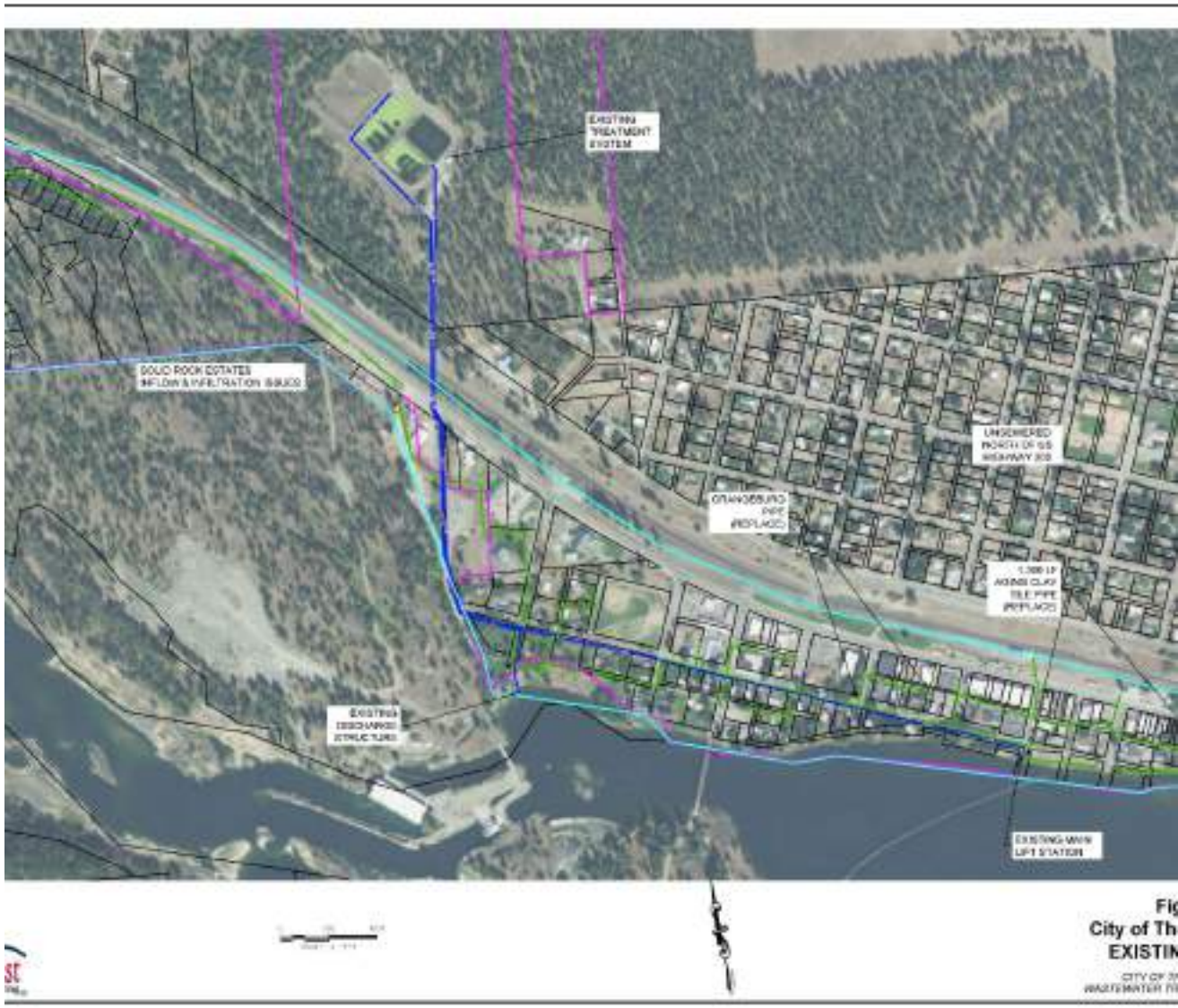
- **COLLECTION SYSTEM**
  - No Action
  - Separate Forcemain
  - Gravity to Main Lift Station
- **TREATMENT UPGRADES**
  - No Action
  - Storage & Irrigation
  - Complete/Partial Mix Covered Lagoons
  - SAGR
- **Phase 1 & 2 Improvements (Construct 2020/2021)**
  - Existing System Improvements
  - Treatment Improvements
  - Collection System Expansion [Wood St to Grove St.]

COLLECTION SYSTEM EXPANSION

- Separate Forcemain to Treatment Site

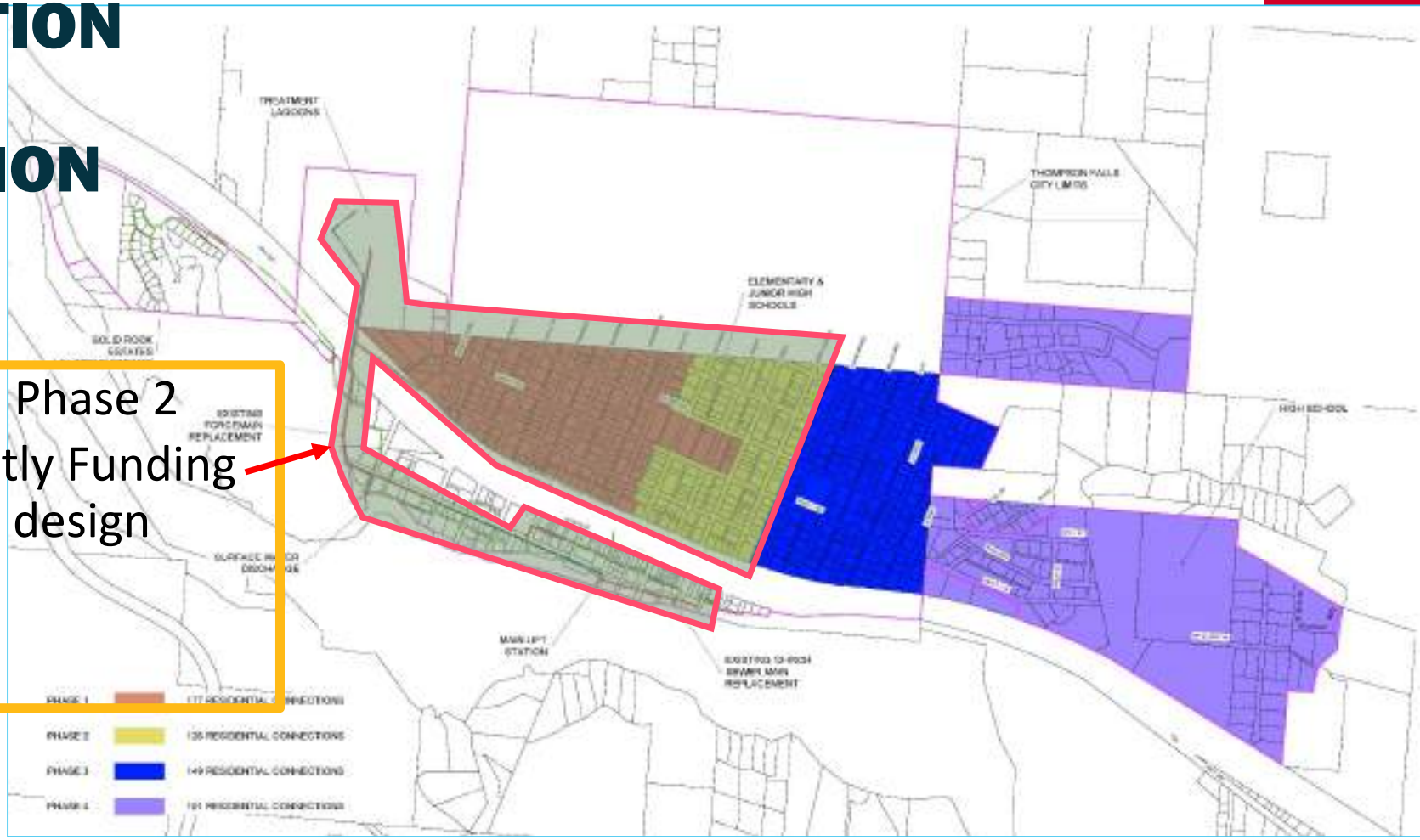
EVALUATION OF EXISTING SYSTEM

- Currently funded Phase 1 & 2 include existing system improvements



COLLECTION SYSTEM EXPANSION

- Phase 1 & Phase 2
  - Currently Funding in final design
- Phase 3
- Phase 4

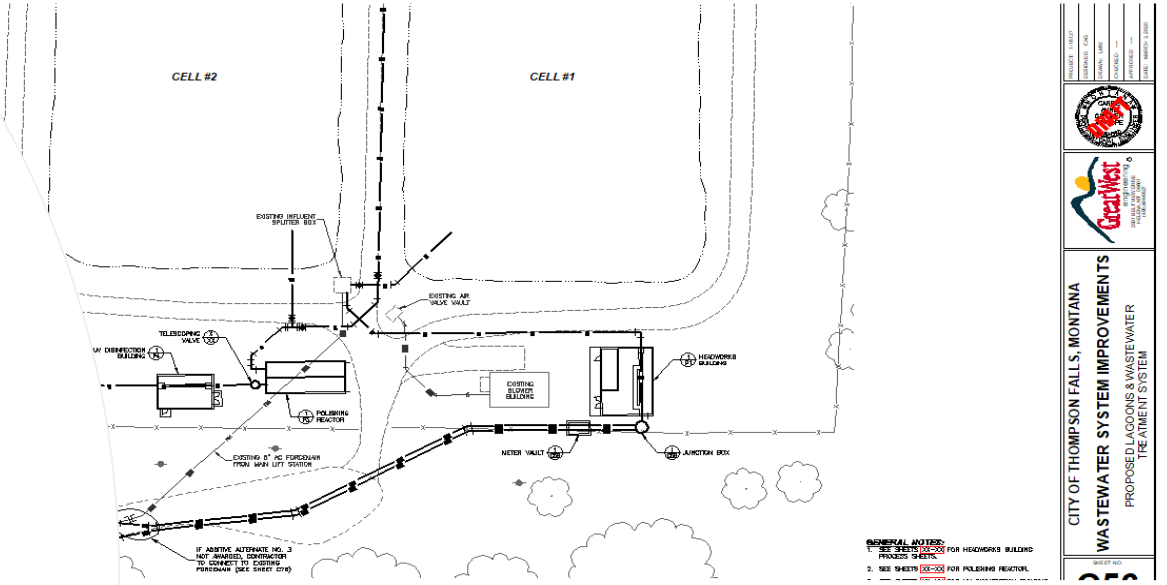


ALTERNATIVE ANALYSIS

- **Collection alternative estimated costs:**
  - Phase 3 - $4,600,000 - $6,000,000
  - Phase 4 - $5,700,000 - $7,000,000
- **Treatment Improvements:**
  - Completed during current design/construction project (2020/2021)

TREATMENT ALTERNATIVES

- Treatment
  - Complete/Partial Mix Covered Lagoon System + Polishing Reactor
    - Enhanced Lagoon System
      - Continue to discharge 100% of effluent
    - UV Disinfection
    - Capacity for Phases 1-4



ENVIRONMENTAL ASSESSMENT

- **What is an Environmental Assessment?**
  - Public Document Analyzing the Complexity & Seriousness of Environmental Issues
  - Draft EA has been started
    - All recommended State and Federal Agencies that have been contacted
      - Some responses have been received
    - Public Comments
      - http://thompsonfallsinfrastructure.com/

Thompson Falls Infrastructure

ENVIRONMENTAL ASSESSMENT

- **To date, no comments have been of significant impact**
- **Decision:**
  - Environmental Assessment Draft will be completed prior to finalizing the PER Update

PROJECT FUNDING STRATEGY

- Phase 1 & 2 – FUNDED
- Phase 3 & 4

TSEP

[Treasure State Endowment Program]

DNRC

(Department of Natural Resources & Conservation

CDBG

[Community Development Block Grant]

SRF

[State Revolving Fund]

RD

[U.S. Department of Agriculture Rural Development]

PROJECT FUNDING STRATEGY

Target Rate Analysis for Grant Eligibility

Medium Household Income (MHI) Based on 2015 American Community Survey		= $30,595
Department of Commerce Target Rate Threshold		
	Water Systems	= 1.4% of MHI
	Sewer Systems	= 0.9% of MHI
	Combined Rate	= 2.3% of MHI
	Thompson Falls Combined Target Rate	= $58.64/month
Low & Moderate Income (LMI) Based on 2010 American Community Survey		= 65.88%

Where To Go From Here?

• Rural Development Acceptance of the PER Update	May-June 2020
• Pursue Grants	May 2020
• Public Meeting	March & April 2020
• Public Comment	March – April 2020
• Submit MT Grant Applications	May 2020
• Design	July 2021
• Advertise and Bid Project	February 2022
• Construction – Phase 3	May 2022
• Complete Phase 3 Construction	December 2022

Wastewater System Improvements

City of Thompson Falls
Public Meeting

3.9.2020

Carrie Gardner, PE

GreatWest engineering

WASTEWATER SYSTEM IMPROVEMENTS

CITY OF THOMPSON FALLS PUBLIC MEETING

January 7, 2019

Craig Pozega, PE (GWE)
Carrie Gardner, PE (GWE)

GreatWest engineering®

SANDERS COUNTY & DEQ

Shawn Sorenson, RS

- Sanders County Sanitarian

Emily Gillespie, PE

- Montana Department of Environmental Quality

PROJECT NEED

- **Large portion of City served by private septic systems**
  - Approximately 560 residences & 3 schools
- **Lot size limitations prevent replacement**

PROJECT NEED

- **Growth**
  - Limited to no residential and commercial growth
- **County may be unable to issue permits**
- **Increased Costs with time**
- **Long-Term Solution**

GREAT WEST ENGINEERING

Craig Pozega, PE

- Great West Engineering

Carrie Gardner, PE

- Great West Engineering

PROJECT NEED

- **Existing Collection System**
  - Replace Sections of Aging Pipe
  - Reduce Inflow & Infiltration
- **Lift Stations & Force Mains**
  - Replace Force Main to Treatment Site
- **Treatment**
  - Headworks
  - Sludge
  - Improvements for Planning Period Flow
  - Disinfection

PHASED PROJECT

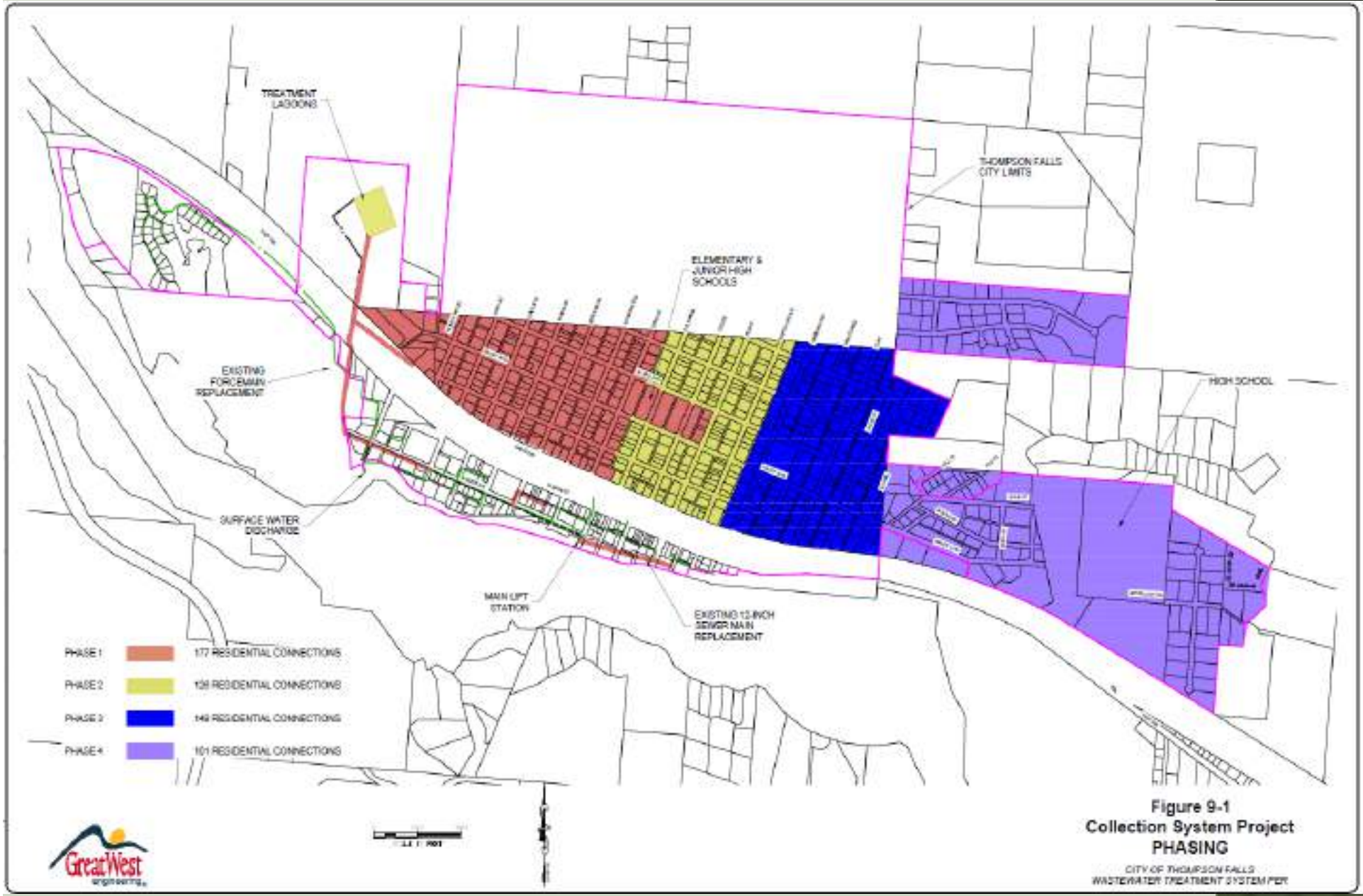


Figure 9-1
Collection System Project
PHASING

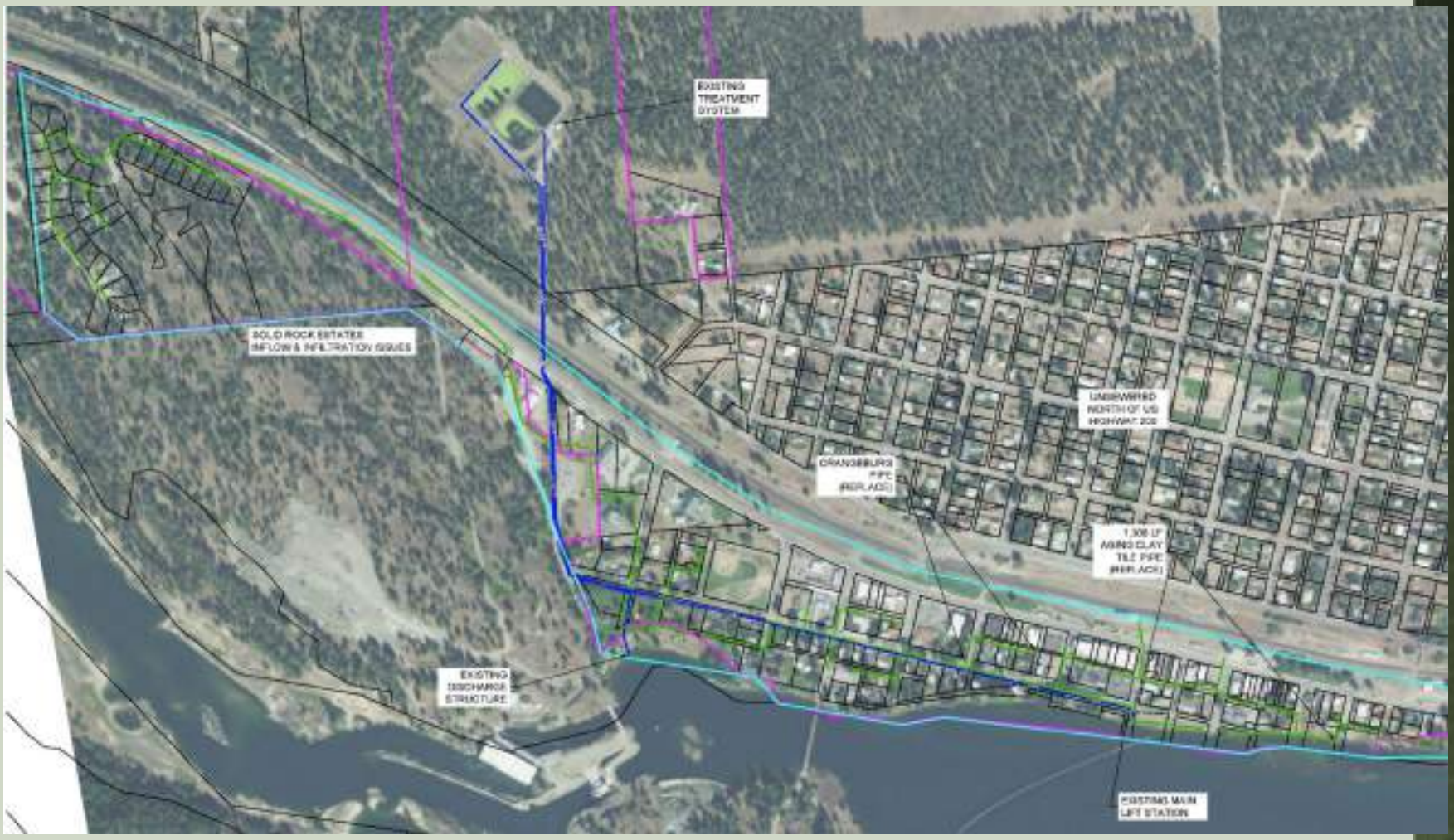
CITY OF THOMPSON FALLS
WASTEWATER TREATMENT SYSTEM PER

PROJECT OVERVIEW

- **Existing Collection System Improvements**
- **Expand Collection System**
- **Treatment System Improvements**

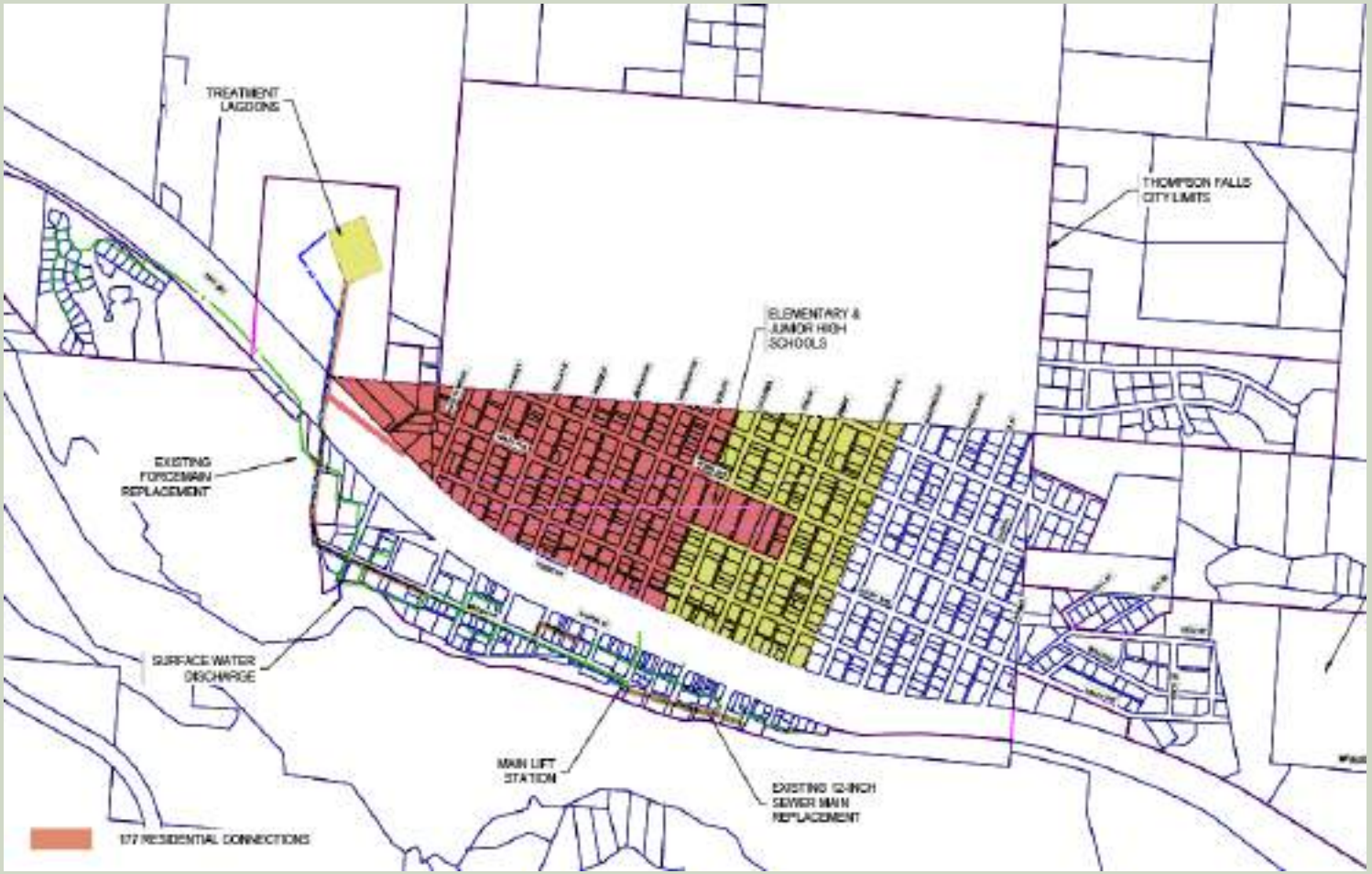
PROJECT OVERVIEW

- **Existing Collection System Improvements**



PROJECT OVERVIEW

- **Collection System Expansion**
  - 334 New Users
  - Abandon Existing Septic Tanks
  - New Lift Stations
  - Backup Generators
  - New Service Connections



TREATMENT

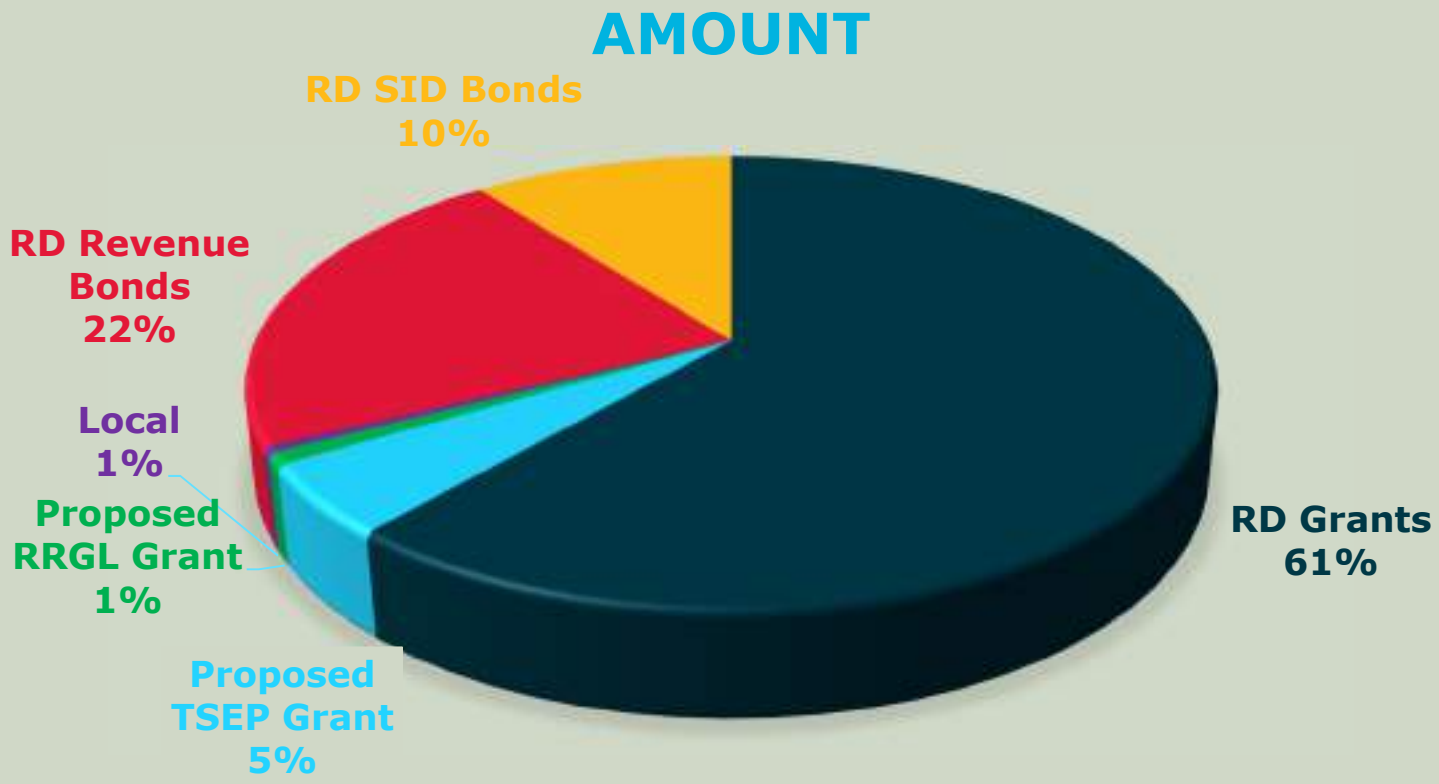

LEMTEC AERATION POND #1
0.83 ACRE
10' WATER DEPTH
7.6 DAYS D.T.
PARTIAL MIX CELL
3.8 DAYS D.T.
COMPLETE MIX CELL
3.8 DAYS D.T.
HIGH RATE DIFFUSER (TYP)
NEW HEADWORKS BUILDING
(750 SQFT)
SLUDGE STORAGE
LEMTEC AERATION POND #2
0.83 ACRE
10' WATER DEPTH
7.6 DAYS D.T.
LOW RATE DIFFUSER (TYP)
LEMTECH MODULAR COVER
(TYP)
LEMNA PCU EMING REACTOR
(LPR)
LEMNA HYDRAULIC BAFFLE
(TYP)
PARTIAL MIX CELL
3.8 DAYS D.T.
SETTLING CELL
3.8 DAYS D.T.
(500 SQFT)

SCHEDULE

- *Based on RD Funding Schedule Requirements

Project Implementation Schedule for Phase 1 & 2 from RD LOC	
Action	**Date**
Begin Design	February 2019
Design Basis Report/Cost Est. to the City	August 2019
Submit Design Plans & Specifications to MDEQ	August 2019
MDEQ Review & Approval	October 2019
Advertise for Bids	November 2019
Start Construction (Phase 1)	April 2020
Start Construction (Phase 2 - Treatment)	September 2020
Complete Phase 1 Construction	October 2020
Start Construction (Phase 2 – Collection)	April 2021
Complete Construction (Phase 2)	December 2021

PROJECT FUNDING PACKAGE



TSEP – Treasure State Endowment Program
DNRC /RRGL – Department of Natural Resources and Conservation
CDBG – Community Development Block Grant
SRF – State Revolving Fund
RD – U.S. Department of Agriculture Rural Development

PROJECT FUNDING PACKAGE

FUNDING PACKAGE AS OF JANUARY 2019	
Funding Source	Amount
RD Grants	$9,182,000
Proposed TSEP Grant	$750,000
Proposed RRGL Grant	$125,000
RD Revenue Bonds (40 yr term)	$3,274,000
RD SID Bonds (20 yr term)	$1,558,000

ADDITIONAL FUNDING BEING PURSUED

- **City is currently working on other grant funding programs**
  - RD individual Grant/Loan for SID portion of project.
    - City & RD will assist property owners in application process
  - Proposed CDBG Grant of $450,000 (not currently used in project budget)
  - WRDA Grant
    - City sent letters to congressional delegates regarding project & requested funding assistance

BOND COUNCIL

Bob Murdo

- Jackson, Murdo & Grant, P.C.

Nathan Bilyeu

- Jackson, Murdo & Grant, P.C.

ESTIMATED SEWER RATE

- **Base Rate:**
  - Current Residential $40/mo./residential
  - Current Commercial $45/mo./comm. + $4.10/1000 gallons after the first 2,000 gallons
- **Est. Increase to Base Rate:**
  - $25/mo. for residential & commercial
- **Estimated SID**
  - Assumed 334 parcels (equal amount per parcel)
  - Total principal assessed against ea. = $4,665
    - Estimated annual assessment = $308 for 20 years

*Phase 3 & 4 are not part of this project and will not be assessed with this project.

Estimated Sewer Rate without grant funding
$157.00/mo./residential

QUESTIONS?

CITY OF THOMPSON FALLS
CITY COUNCIL MEETING MINUTES

Monday, April 20, 2020

The City Council meeting was held via GoToMeeting.

Council Members Present: Lynne Kersten, Earlene Powell, Shawni Vaught, Ruth Cheney and Katherine Maudrone
City Officials Present: Raoul Ribeiro, City Council President - Acting City Mayor, City Attorney Tim Green and City Clerk/Treasurer Chelsea Peterson.
Others called in or attended via GoToMeeting: John Dowd and Mark Sheets

Raoul Ribeiro, City Council President Acting City Mayor opened the meeting at 6:07 p.m.
Chelsea Peterson, Clerk/Treasurer made note of who was present.

ACTION TAKEN

1. The Council passed a motion 5-0 to approve appointing Mark Sheets as Mayor. (Powell, Vaught)

The meeting was adjourned at 6:12 p.m.

Raoul Ribeiro, Acting Mayor

ATTEST:

City Clerk/Treasurer, Chelsea Peterson

CITY OF THOMPSON FALLS
CITY COUNCIL MEETING MINUTES

Monday, April 13, 2020

The City Council meeting was held via GoToMeeting.

Council Members Present: Lynne Kersten, Earlene Powell, Shawni Vaught, Ruth Cheney and Katherine Maudrone
City Officials Present: Raoul Ribeiro, City Council President Acting City Mayor,
Public Works Director Neil Harnett, City Attorney Tim Goen and City Clerk/Treasurer Chelsea Peterson.
Others called in or attended via GoToMeeting: John Dowd and Mark Sheets

Raoul Ribeiro, City Council President Acting City Mayor opened the meeting at 6:00 p.m. with the pledge of allegiance.
Chelsea Peterson, Clerk/Treasurer made note of who was present.

Unscheduled Public Comment: None.

The Council passed a motion 5-0 to approve setting the Agenda. (Powell, Maudrone)

Standing Committee Reports- None

INFORMATIONAL ITEMS: None

ACTION TAKEN

1. The Council passed a motion 5-0 to approve the Consent Agenda. (Vaught, Powell)
2. The Council passed a motion 5-0 to approve Resolution 762 Setting Forth Protocol for the Conducting of City Meetings During COVID-19 Emergency. (Powell, Cheney)
3. The Council passed a motion 5-0 to approve the unappointment of Lisa Koker as Library Trustee. (Vaught, Powell) Lynne Kersten abstained from the vote as she is the Library Director.
4. The Council passed a motion 5-0 to approve the Resolution 761 City Emergency Declaration Resolution. (Maudrone, Kersten)
5. The Council passed a motion 5-0 to approve the DNRC/SRF Wastewater Request for Reimbursement #10. (Maudrone, Cheney)

Mayor's Report – None.

The meeting was adjourned at 6:30 p.m. (Cheney, Vaught)

Raoul Ribeiro

Raoul Ribeiro, Acting Mayor

ATTEST: Chelsea Peterson

City Clerk/Treasurer, Chelsea Peterson

CITY OF THOMPSON FALLS

CITY COUNCIL MEETING MINUTES

Monday, March 9, 2020

Council Members Present: Lynne Kersten, Darlene Powell, Shawni Vaught, Ruth Cheney and Katherine Maudrone

City Officials Present: Raoul Ribeiro, City Council President Acting City Mayor,
Public Works Director Neil Harnett, City Attorney Tim Coen and City Clerk/Treasurer Chelsea Peterson

Others signed in: Exhibit "A"
Raoul Ribeiro, City Council President Acting City Mayor opened the meeting at 6:45 p.m. with the pledge of allegiance.
Chelsea Peterson, Clerk/Treasurer made note of who was present.

Unscheduled Public Comment: None.

The Council passed a motion 5-0 to approve setting the Agenda. (Powell, Maudrone)

Standing Committee Reports- 1. Public Properties met to discuss putting together a user agreement for the Ball Fields. They recommended approving the agreement they created.
2. Police Commission met to discuss the roles and responsibilities of a Police Commission and then met again to discuss a few issues that came up.
3. Streets and Alleys met to discuss the 6-foot Variance request at 108 Ferry Street and they are recommending that it be approved.
4. Streets and Alleys met to discuss the Agenda Request from Mr. & Mrs. Ryder to purchase property and part of the Street on South Adams Street. They recommended looking into this further.

INFORMATIONAL ITEMS:

1. Blackfoot Communications presented an update regarding placing Fiber Optics Lines throughout the City.
2. Census Bureau wanted the City to remind everyone they are still looking for employees and to spread the word of many job openings.

ACTION TAKEN

1. The Council passed a motion 5-0 to approve the Consent Agenda. (Vaught, Cheney)
2. The Council passed a motion 5-0 to approve hiring Michael Derry as a new Police Officer. (Kersten, Vaught)
3. The Council passed a motion 5-0 to approve the 6-foot Variance Request by Nolan Parker at 108 Ferry Street. (Vaught, Cheney)
4. The Council passed a motion 5-0 to table the Agenda Request by Mr. & Mrs. Ryder to purchase property on Adams Street. (Powell, Vaught)

5. The Council passed a motion 5-0 to apply for DNRC/SRF Forgiveness Loan for Water Project on Wood Street, Park Street, West Haley and Gallatin Street. (Powell, Vaught)
6. The Council passed a motion 5-0 to approve the Wastewater Request for Reimbursement for loan with DNRC/SRF #9 (Kersten, Powell)
7. The Council passed a motion 5-0 to approve the final Wastewater Request for Reimbursement for the RRGL Grant. (Kersten, Maudrone)
8. The Council passed a motion 5-0 to approve the Baseball Field Use Agreement. (Kersten, Powell)
9. The Council passed a motion 5-0 to approve the CIP Water System Appendices. (Kersten, Maudrone)

Mayor's Report – None.

The meeting was adjourned at 7:37 p.m.

Raoul Ribeiro, Acting Mayor

ATTEST: Chelsea Peterson
City Clerk/Treasurer, Chelsea Peterson

CITY OF THOMPSON FALLS

CITY COUNCIL PUBLIC HEARING MEETING MINUTES

Monday, March 9, 2020

Council Members Present: Lynne Kersten, Earlene Powell, Shawni Vaught, Ruth Cheney and Katherine Maudrone

City Officials Present: Raoul Ribeiro, City Council President Acting City Mayor, Public Works Director Neil Harnett, City Attorney Tim Coen and City Clerk/Treasurer Chelsea Peterson.

Others signed in: Exhibit "A"
Raoul Ribeiro, City Council President Acting City Mayor opened the meeting at 6:00 p.m.
Chelsea Peterson, Clerk/Treasurer made note of who was present.

Agenda: Sewer PER/Phase 3 & 4 of the Sewer Project

[redacted]

There were no written or oral comments.

Mayor's Report - None.

The meeting was adjourned at 6:40 p.m.

Raoul Ribeiro, Acting Mayor

ATTEST: Chelsea Peterson

City Clerk/Treasurer, Chelsea Peterson

City Council Meeting
March 9, 2020
Sign in Sheet

City Council Committee of the Whole
Work Session
Agenda: Sewer Project Update
Monday, March 9, 2020 – 5 P.M.

Public Hearing
Agenda: Sewer PER/Phase 3 & 4 of the Sewer Project
Monday, March 9, 2020 – 6:00 P.M.

City Council Meeting at The Thompson Falls
City Hall in The Louis R. LaRock City Council Chambers
108 Fulton Street
Monday, March 9, 2020 – 6:15 P.M.

NAME (Please Print)	Would you like to address the council? √ = yes	Street Address
Please Print		Please Print ~ thank you
Nick & Adrienne Marich	rv	102 Wood St.
Pat Crowder	?	611 W. Haley
ANGELO ALDERETE	—	708 HALEY AVE
DALE FAIK		1906 Pine Tree Hollow
MARK SHEETS		215 Grove St.
Annie Woods		603 Main
ED THOMPSON		202 Park
KUSTI STOBO LEWISTAN		534 MAPLE
Mike & Tulah Ryder		215 Adams St.
Teresa Wilhite		1199 MT SILCOX DR

CITY OF THOMPSON FALLS

CITY COUNCIL COMMITTEE OF THE WHOLE MEETING MINUTES

Monday, March 9, 2020

Council Members Present: Lynne Kersten, Earlene Powell, Shawni Vaught, and Katherine Maudrone. Ruth Clancy was not present.

City Officials Present: Raoul Ribeiro, City Council President Acting City Mayor, Public Works Director Neil Harnett, City Attorney Tim Coen and City Clerk/Treasurer Chelsea Peterson.

Others signed in: Exhibit "A"
Raoul Ribeiro, City Council President Acting City Mayor opened the meeting at 5:00 p.m.
Chelsea Peterson, Clerk/Treasurer made note of who was present.

Agenda: Sewer Update

Carrie Gardet, PE Project Manager, Great West Engineering explained the proposed project, including the purpose and proposed area of the project, activities, budget, possible sources of funding, and any costs that may result for local citizens because of the project. The City Council allowed everyone to ask questions and to express their opinions regarding the project and its impact on Thompson Falls.

Mayor's Report – None.

The meeting was adjourned at 6:00 p.m.

Raoul Ribeiro, Acting Mayor

ATTEST: _____
City Clerk/Treasurer, Chelsea Peterson

CITY OF THOMPSON FALLS

CITY COUNCIL MEETING MINUTES

Monday, February 10, 2020

Council Members Present: Raoul Ribeiro, City Council President, Lynne Kersten, Earlene Powell, Shawni Vaught, Ruth Cheney and Katherine Maudrone

City Officials Present: City Mayor Jerry Lacy, Public Works Director Neil Barnett, City Attorney Tim Coen and City Clerk/Treasurer Chelsea Peterson.

Others signed in: Exhibit "A"
Mayor Lacy opened the meeting at 6:05 p.m. with the pledge of allegiance.
Chelsea Peterson, Clerk/Treasurer made note of who was present.

Unscheduled Public Comment: Raoul Ribeiro asked that the Council sign a sympathy card for the family of Mr. Bill Cain, Thompson Falls Superintendent. Raoul also commented he would like to review the Audit Report next month. Ruth Cheney asked what was going on with the Community Decay on the Church Street residence. Attorney, Tim Coen is going to write a letter requesting an update from the property owner.

The Council passed a motion 6-0 to approve setting the Agenda by moving #1 to #8. (Ribeiro, Powell)

Standing Committee Reports- None

ACTION TAKEN

1. The Council passed a motion 6-0 to approve the Consent Agenda. (Powell, Vaught)
2. The Council passed a motion 6-0 to refer the Baseball Field Use Agreement to the Recreation/Public Properties Committee. (Powell, Ribeiro)
3. The Council passed a motion 6-0 to table the Purchase Property on Adams Street Agenda Request. (Ribeiro, Vaught)
4. The Council passed a motion 6-0 to approve the Beautification Days Agenda Requests. (Kersten, Powell)
5. The Council passed a motion 6-0 to approve the Forest Service FRTA easement to the City of Thompson Falls – Columbia Street described lands in the County of Sanders State of Montana. SE1/4 and the SW1/4 of Sec. 5, T. 21 N., R. 29 W., Principal Meridian, Montana. (Kersten, Maudrone)
6. The Council passed a motion 6-0 to approve the Capital Improvements Plan. (Kersten, Vaught)
7. The Council passed a motion 6-0 to approve the Wastewater Request for Reimbursement SRF. (Ribeiro, Kersten)
8. The Council passed a motion 6-0 to reopen the Purchase property on Adams Street Agenda request. (Ribeiro, Powell)
9. The Council passed a motion 6-0 to Adams refer to public properties committee and move towards sale of property depending on prospective purchasers providing survey and appraisal to the public properties committee and the public properties committee make recommendation to the council for the sale of the property (Vaught, Cheney)

10. The Council passed a motion 6-0 to approve the Contract Amendment #6 with Great West Engineering for the Wastewater PER update and Rural Debelopment updated bulletings for the contract. (Kersten, Powell)
11. The Council passed a motion 6-0 to approve the Water Adustment at 111 Pearl Street. (Kersten Ribeiro)

Mayor's Report –

1. We have been working with Great West Engineering on

   Construction easements for installation of sewer lines on private property.
   Geotechnical surveys of the project area to provide bidders with information.
   Conference calls with Great West, funding agencies and DEQ going over scheduling and other details.

2. The schedule for the sewer project has the plans being submitted to DEQ for review by the end of March, bidding in June and start of construction in July. This is approximately one month later than originally planned for. The delay is caused because of problems getting the geotechnical survey completed.

3. Conference call with WGM and Jen Kreiner about the Ainsworth Park project. HUD has dropped the requirement for a blast wall around nearby propane tanks so that will give us a little more funding to include some of the additives. Jen has also secured some additional private funding.

The meeting was adjourned at 6:43 p.m.

Jerry Lacy, Mayor

ATTEST:

City Clerk/Treasurer, Chelsea Peterson

City Council Meeting
February 10, 2020
Sign in Sheet

NAME (Please Print)	Would you like to address the council? √ = yes	Street Address
Please Print		Please Print ~ thank you
CIP – Public Hearing – (Same as below)		
– meeting –		
Kristi Stobb (Livestar)		534 Maple St TF
Minah Kardelis		Sanders County Ledger
Juleah & Mike Ryder		215 Adams St.
Cody Hutchings		
Sandra Cullen		306 N. Gallatin

City of Thompson Falls City Council Meeting

Public Hearing
Agenda: Capital Improvements Plan
Monday, February 10, 2020 – 6:00 P.M.

City Council Meeting at The Thompson Falls
City Hall in The Louis R. LaRock City Council Chambers
108 Fulton Street
Monday, February 10, 2020 – 6:05 P.M.
AGENDA

OPEN MEETING
ROLL CALL OF THE COUNCIL
PLEDGE OF ALLEGIANCE
UNSCHEDULED PUBLIC COMMENT
SET THE AGENDA
CONSENT AGENDA

a. Claims b. Minutes c. Financial Reports d. Court Report e. Water Shut-off List/Arrangements

STANDING COMMITTEE REPORTS
ACTION ITEMS:

1. Water Adjustment – 111 Pearl Street — Cody Hutchings
2. Purchase property on Adams Street — Mike Ryder
3. Beautification Days — Jerry Lacy
4. Forest Service FRTA easement to the City of Thompson Falls – Columbia Street described lands in the County of Sanders State of Montana, SE1/4 and the SW1/4 of Sec. 5, T. 21 N., R. 29 W., Principal Meridian, Montana — Jerry Lacy
5. Capital Improvements Plan — Jerry Lacy
6. Wastewater Request for Reimbursement SRF — Jerry Lacy
7. [redacted] — Jerry Lacy
8. Baseball Field Use Agreement — Jerry Lacy

MAYOR'S REPORT
ADJOURN

Mayor's Notes for Council Meeting February 10, 2020

Water Adjustment – 111 Pearl Street. Cody Hutchings, the owner of the property is requesting an adjustment to the water and wastewater bill due to a leak that has been repaired.

Purchase Property at South end of Adams Street- Mike and Juleah Ryder are requesting that the City sell them a vacant lot located at the end of Adams Street that adjoins the Montana Rail Link property.

FRTA easement to the City of Thompson Falls This is an easement for Columbia Street where it runs through the Forest Service Administrative Site. The road has been there for many years but there has never been a formal easement for it.

Capital Improvements Plan- This is formal approval and adoption for the Capital Improvements Plan that was developed by Great West Engineering in conjunction with City Staff and Department Heads.

Wastewater Request for Reimbursement from State Revolving Fund- This is a request for reimbursement for engineering costs for the large sewer project.

Great West Engineering Contract Amendment #6 for the Wastewater PER update-This amendment to contract with Great West will have them apply for three different planning grants to fund the PER update. The three grants are TSEP for $15,000, RRGL for $8000 and RD for $23,000. Great West has offered to do these grant applications for no charge. The updated PER will be a first step toward planning for phases #3 and #4 for the sewer project.

Baseball Field Use Agreement-The Public Works Department would like to see some form of an agreement for use and upkeep of the City's parks. The City Clerk has included examples from other towns. It might be best for the Public Properties Committee to work with Public Works to come up with something for this.

Beautification Days-Kathy Conlin is asking for the City's participation in the Annual Beautification Days. She is asking for the things we have done in the past: pay for the newspaper ads, use of City trucks on Thursday and Friday, purchase of the fertilizer for the rose hedges on Main Street.

CITY OF THOMPSON FALLS

PUBLIC HEARING MINUTES

Monday, February 10, 2020

Council Members Present: Raoul Ribeiro, City Council President, Lynne Kersten, Earlene Powell, Shawni Vaught, Ruth Cheney and Katherine Maudrone

City Officials Present: City Mayor Jerry Lacy, Public Works Director Neil Harnett, City Attorney Tim Goen and City Clerk/Treasurer Chelsea Peterson.

Others signed in: Exhibit "A"
Mayor Lacy opened the meeting at 6:00 p.m..
Chelsea Peterson, Clerk/Treasurer made note of who was present.

PUBLIC HEARING AGENDA: CAPITAL IMPROVEMENTS PLAN

THERE WERE NO COMMENTS FOR OR AGAINST THE CAPITAL IMPROVEMENTS PLAN.

The meeting was adjourned at 6:02 p.m.

Raoul Ribeiro
Jerry Lacy, Mayor

ATTEST: Chelsea Peterson
City Clerk/Treasurer, Chelsea Peterson

City Council Meeting
February 10, 2020
Sign in Sheet

NAME (Please Print)	Would you like to address the council? √ = yes	Street Address
Please Print		Please Print ~ thank you
C I P — Public Hearing — (Same as below)		
— meeting —		
Rusty Sterg (Ravested)		537 Maple St #7
Miriah Kuddelis		Sanders County Ledger
Julie & Mike Ryder		215 Adams St.
Cody Hutchings		
Sandra Callen		306 N Gallatin

Opinion

editor@scledger.net

Our Viewpoint

Unplugging is good for the soul

Growing up, when we would start to annoy our parents, they'd tell us to go outside. Run off some energy, go do chores, go do something.

The first Friday in March is designated at the National Day of Unplugging (nationaldayofunplugging.com). While we didn't make it to a whole day of unplugging, we spent the day being more aware of how much time we spent on our phones, at computers or binge-watching our favorite series.

In Montana we still have "dead zones" with no cell service. It's easy to unplug and go fishing, go for a hike, or just take a nice drive in the mountains. We often have to remind ourselves to put our phones down, to look up and make eye contact to who we are speaking.

While it's hard to unplug for 24 hours, being aware of the time you're plugged in is helpful. Even if you are in an area with no cell service, you can always post those selfies after you return to the connected world.

Letter to the Editor

Military memorabilia wanted

Editor:

I would like to use this venue to ask your readers if they have any U.S. military memorabilia and war effort materials, pre-1955, they would be willing to loan the Old Jail Museum. This year's exhibit is commemorating the 75th anniversary of the end of World War II. No artifacts please, we have enough in the museum to outfit a small army! To donate please call Vera at 827-4188 by April 1.

Sherry Hagerman-Benton
Old Jail Museum, Thompson Falls

For the greater community

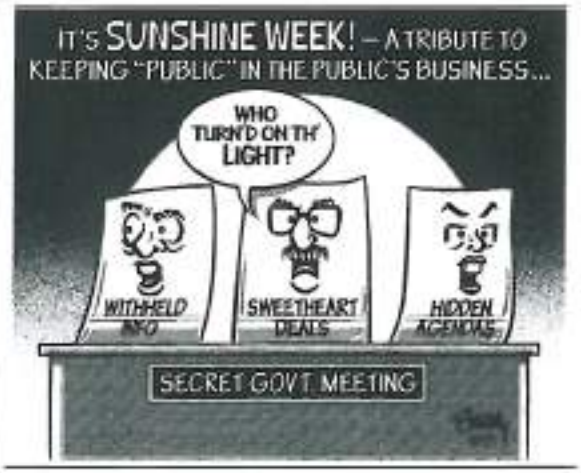
Last week's editorials caught my attention! It seems with some folks it's all about themselves and their little world. Thank you Mayor Lacy and council for seeing the future and working for the greater good in the city and surrounding community, everyone's sanitation and the extended benefits in the water table and our descendants! We, as a community all need and use the water table in one way or another! The alternative ways to escape the expense seem even less affordable - buy your own place in the country and float the entire multi-thousand dollar bill of installation and maintenance, or move into a living facility which takes care of these things for you, for a price of course! Seems as we get older, sometimes we just get more of who we are, or so it seems here!

Thank you editor for bringing attention to the problem of "Littering" and uncontained Trash" on area roadways, and refuse disposal day! If we put as much oversight on "littering" as is put on other offenses, we would have more money in county and state coffers and a lot less trash on the roads and area properties. I've never been in favor of citations and over-regulation, but it's time! The fines for for littering is more than I've seen fined on other offenses, yet I see few or no fines about accumulated trash and littering? Let's not let the few who don't care ruin it for everyone else who cares.

One more request and observation for the greater community! If you are someone who would like to see the "straight-a-way sections" of the new construction and "Eddy Flats" returned to 70 MPH, an end to this speed trap nonsense, and to end the unnecessary bottle-necking of commerce and daily traffic, and to end the resentment of the area by unnecessary fines and citations! PLEASE call the Dept. of Transportation, Helena - under Gov's listings in the phone book, ask politely for change! (Please! - Thank you!- I have!)

It appears the few sheep and goats that haven't been eaten by wolves and bears or decimated by disease, seem to like the faster pace, or maybe it's the wide open spaces without fences, which is where they have been seen recently, the HMPH ZONE! How many millions of dollars did we just spend on barricading the Highway? Stop blaming "all" drivers for "one idiot" for the last 10 years! Make those fancy signs read - ATTENTION: Truckers, Vehicle Drivers - wildlife replacement cost is "YOU" in this area "VERY EXPENSIVE." Drive defensively for the animals - "OR PAY BIG DOLLARS"!!! Thanks for reading!

Ron R. Hilderman
Thompson Falls



Street Smart

by Blaine Blackstone

Pure political survival

I often hear politicians speak and just get angry at what I'm hearing. That happened last week when I heard Senate Minority Leader Chuck Schumer threaten Supreme Court Justices Gorsuch and Kavanaugh. He was addressing a crowd and talking about the fact that the Supreme Court had agreed to hear arguments on a Louisiana case regarding abortion. It's important that the reader understand, Schumer wasn't talking about a Supreme Court decision. He was talking about the fact the court was *hearing* the case! For those who weren't listening, here's what he directed to the crowd: "I want to tell you Gorsuch I want to tell you Kavanaugh. You have released the whirlwind and you will pay the price. You won't know what hit you if you go forward with these awful decisions." What decisions? The facts of the case hadn't even been heard yet! There was no decision.

Schumer tried to walk back his comments the next day by stating, "I should not have used the words I used yesterday, they did not come out the way I intended to." Normally I would acknowledge and accept an apology like that. I've made similar mistakes when trying to make a point so I get it. However, based on Schumer's track record, I think his apology was a lie told for political expediency. He meant what he said and that also angered me.

I've never taken on the topic of abortion in this column and a platform with a 800-900 word or so limit is no place to try. Abortion is an incredibly difficult and personal topic. That said, I feel compelled to make clear that I am a pro-life voter. My faith demands that I respect all life. I recognize that in a perfect world, abortion (along with capital punishment and euthanasia) wouldn't even be a topic for discussion. However, we live in an imperfect and fallen world, so here we are. Experience can be a harsh instructor and I've seen people (personally and professionally) in some horribly difficult situations. I've learned, that despite my personal beliefs, I am in no position to judge. Decisions of that magnitude are between the individual and their God. I certainly wouldn't want to be in the position of our Supreme Court Justices.

I think that's why Schumer's comments disturbed me so much. In my opinion, he's trying to influence a decision that is outside his dominion and is pandering to his constituency for political gain. He's either failing to recognize (hard to imagine) or doesn't care (much more likely) about how difficult a case involving abortion might be for the justices. After all, what do we know about their personal lives and experiences? I think we can safely assume that our Supreme Court Justices are among the most intelligent people in the United States. Presumably, they will therefore thoroughly evaluate all evidence presented and weigh it against existing law. Additionally, I'm sure the justices fully understand that regardless of the decision, a segment of our society is going to be upset and disagree.

Schumer's behavior highlights an issue that I believe is key for the Democrats in the upcoming election. That is the shaping of the Supreme Court for decades to come. The next President is going to have an historical impact on the court. Much to Schumer and the Democrat's dismay, President Trump has already appointed two conservative justices. If he is given four more years, there's every reason to believe that President Trump will appoint one-and quite possibly two more Justices. Democrats believe that if the court is filled to conservative Justices, many of their most closely held issues – abortion and gun control to name two – might be endangered. I believe this to be a bigger issue than most Americans realize. Maybe the biggest threat to the Democrat agenda.

The Democrats know one thing they're in trouble with the two remaining candidates they have for president. Bernie Sanders is a self proclaimed "social democrat" who scares most people over 30, Joe Biden paints himself off as a moderate, but has espoused some pretty far left beliefs that also scare many people. In my opinion, these are two pretty weak candidates to take on President Trump and all of his accomplishments. Democrats have reasons to be nervous. When looked at through that lens, Schumer's behavior makes sense. It's pure political survival.

That's not to say that President Trump doesn't scare some Americans as well… he does! Watch the news. We're inundated daily with examples of this. Pay attention. He scares the heck out of the anti-gun crowd. He's clear about his opposition to abortion, so that scares some people, especially when considering stacking the Supreme Court. He's against entitlements and there is a pretty significant number of people who don't like that. He's not afraid to take on countries like China, Iran, Syria and North Korea… that makes some people nervous. His accomplishments in terms of the economy have scared some people too. Unemployment for minorities is at an all-time low, while the median income for the same demographic is up and rising. That fact scares the Democrat machine… what might happen to their voters?

All that said, I guess I shouldn't be mad or upset with a guy like Schumer. His histrionics are making my case for me with the critical thinkers out there! My bad!

Blaine Blackstone is a retired Los Angeles Police Sergeant who enjoys the simpler life in Thompson Falls. He can be reached by e-mail at StreetSmartColumn@gmail.com.

Remember When?

by Sherry Hagerman-Benton

PRESTON'S LIVERY STABLE was located where St. William's Catholic Church is today. In addition to renting horses and horse drawn rigs, Preston delivered drinking water and ice for ice-box refrigerators. He would harvest the ice from the river and store it in a building located by the railroad tracks parallel to the ice blocks in sawdust to keep them from melting. And now, my readers know how Preston Avenue and Ferry Street got their names.

70 YEARS AGO • MARCH 22, 1950

A.C. PRESTON DIES IN SPOKANE, FUNERAL HELD HERE

Arthur C. Preston, 68, who for nearly a half century was operator of a dray line and transfer business here, died Wednesday at a hospital at Spokane.

Mr. Preston was born in 1881 at Rockland, N.Y., and came to Thompson Falls at the age of 5 years. He sold out of the transfer business in 1944 and moved to Spokane.

From Pioneers and Early Settlers of Thompson Falls by Anne Miller

Arthur C. Preston was born June 26, 1881 to Eugene Preston and Celia Ingraham.

In the 1900 federal census, Thompson Falls, Missoula County, Arthur is living with his parents, working as a laborer in the sawmill and single.

The Sanders County Ledger, Friday, April 25, 1985 – Last Sunday while cutting down the trees in front of Dr. Pratt's drug store, Mr. Polley and Arthur Preston made a novel discovery. The men started the saw into the tree about 3 feet above the ground and had nearly reached the middle when they struck something that made them stop. On felling the tree they found imbedded in the heart of the trunk a spike, head and all. Away back about the time Thompson was founded, someone must have driven that spike into the tree. Twenty-one rings

See REMEMBER WHEN, page 3

Letters to the Editor

Residents encourage sewer project support

We purchased property on the hill in 1975, and have always been concerned about sewage leaving our home, untreated, and affecting the ground/river water in this gorgeous area we call home. We've looked forward to the day when we could tie into the sewage treatment system, have a permanent fix, and no longer be concerned about our septic tank failing.

Will this proposal affect us - yes, hugely! - along with increased costs, our many years of landscaping - garden, fruit trees, blueberry and raspberry bushes, etc., will be adversely affected. But, we would incur very similar costs and impact if we had to replace our septic system, without the permanent fix.

We feel this will increase the saleability of our property. Please support the sewer project.

Darrel and Penny Torgrimson, Thompson Falls

is not as high in elevation as other SNOTEL station, it does tend to have more precipitation on an annual basis. He reported that Poorman Creek station's operations went down on January 11, but on that date recorded 69 inches of snow and SWE was 16.

"SNOTELs around here are generally at the higher elevations, so they represent the high elevation snowpack," Neesvig said. To represent lower elevations, there are snow courses he visits regularly. "The snow courses not only supplement SNOTEL information, but provide estimates for the middle and low elevation areas." These courses are located at Chicago Ridge, Rock Creek Meadows and Government Saddle.

After analyzing data from the SNOTEL stations, it has been determined that overall, the Kootenai is at 88 percent of normal SWE and the Lower Clark Fork is at 95 percent. This time last year the sites measure at 85 and 74 percent respectively. The Columbia River Basin is at 92 percent of normal SWE and measured at 73 percent this time last year.

When it comes to temperature, December was above average across the state aside form the first week of the month when a cold arctic air blew in. On average, monthly temperatures were 3 to 7 degrees above average in northwest and

the best idea, as other climate conditions such as the Artic Oscillation can impact week-to-

Church & Communities

the Sanders County Ledger

PROJECT BOOST
Paradise receives grant for wastewater project. Page 9

$1.00 Thursday, March 12, 2020 - THOMPSON FALLS, MT - www.scledger.net

Firefighters dedicated to climb

Plains men hike Mount Sentinel for charity

by Ed Morath

The 2020 Leukemia & Lymphoma Society Firefighter Stairclimb fundraiser in Seattle was postponed due to concerns over the coronavirus, but that didn't stop two Plains firemen from doing their part for the fundraiser.

James Russell and Brian Reed of the Plains-Paradise Rural Fire District were already signed up to be among the 2,000 firefighters from around the world to take part in the competition, which was scheduled for Sunday at Seattle's Columbia Center, but when they learned last week the event was postponed, they still wanted to do something. They decided to don their entire firefighter structural turnout gear and climb the 1,158 feet to the "M" on Missoula's Mount Sentinel on Sunday.

The annual Seattle competition was established 29 years ago to raise money to battle leukemia and lymphoma. Each year, professional and career volunteer firefighters take part in the fundraiser to climb the 1,356 steps going up 788 feet inside the Columbia Center. Organizers received such a response each year, they limit entries to 2,000. "This physically challenging competition is representative of the struggle that blood cancer patients endure," according to its website. Entry fee is $80 a person, but each one has to raise $500 to participate in the climb. Russell raised $700 and Reed raised $970.

Lyle Fisher of Hot Springs Fire Rescue was the only other Sanders County firefighter signed up for the competition, but he could not make it to the Mount Sentinel Climb. The 52-year-old Reed, a captain at the fire district, has a more personal reason for helping with the fundraiser. His son, Franklin, 16, succumbed to leukemia five years ago. He had been a junior firefighter at district for eight months. Russell and Reed had Franklin's photo attached to the back of their air tanks Sunday.

"We wanted to continue the purpose of the stair climb by honoring people's memories and raising funds for the Leukemia and Lymphoma Society," said the 36-year Russell, the district

See CLIMB, page 7

Photo by Ed Morath

UP & AWAY – Firefighters James Russell (left) and Brian Reed climb to the "M" on Mount Sentinel with all their structural turnout gear. The two crewmen from the Plains-Paradise Rural Fire District decided to climb the Missoula mountain after finding out the Leukemia & Lymphoma Society Firefighter Stairclimb fundraiser in Seattle was postponed due to concerns over the coronavirus.

ANIMAL SORT – Lily Taylor, 5, and Blane Hamilton, 10, both of Plains, sort animals at the Family Fun Night, part of the I Love To Read Program.

Photo by Ed Morath

BANANA MAN – Tyrel Allen gets a mouth full of water with the scooping of the last banana to claim victory in the Banana Bobber contest.

READING REWARDS

Plains School celebrates reading with Jungle Book theme event

by Ed Morath

The teachers and staff at Plains School went animal last week at an assembly in the gymnasium to celebrate the I Love To Read Program, dressing up as characters from Disney's "Jungle Book."

Superintendent Thom Clisbolm went as King Louie, the orangutan character, while Kevin Meredith, the high school principal, donned a Bagheera panther mask and tail. Teacher George Sherwood went with the Shere Khan tiger look, also complete with mask and tail. Teacher James Lees was marked as Baloo, the bear, for the assembly, although during the month of February, the I Love To Read month, Baloo was played by Jim Holland, the elementary school principal. Tyrel Allen, school counselor, was wrapped as a stuffed boa constrictor as Kaa during the assembly.

This year's I Love To Read Program natural theme was "Jungle Book," but on the local level, Plains School went with

See READING, page 6

Council hears project update

Design under way for next phases of wastewater system

by Annie Wooden

Thompson Falls City Council President Raoul Ribeiro led his first meeting as interim mayor Monday evening, the first meeting of the council since the resignation of Mayor Jerry Lacy earlier this month.

Monday's meeting began with a public hearing on the wastewater treatment system upgrades. Construction on phases 1 and 2 of the project includes connecting properties from the west end of Thompson Falls east to Grove Street to the city's wastewater system. Construction on the first two phases, which also includes upgrades to the treatment system north of town, is set to begin this year. Phases 3 and 4 of the project include connection of properties east of Grove Street to the system.

Carrie Gardner with Great West Engineering said that a new environmental assessment is being done so that the preliminary engineering report (PER) for the project can be updated. The last update to the PER was in 2008. She said that construction of the first two phases of the project will take two years.

Public comments were accepted during the hearing Monday night, as there is concern can submit comments at www.thompsonfallsmt.com/wastewater.com. Gardner said that so far, no environmental assessment comments with a significant

See COUNCIL, page 6

Photo by Ed Edwards

BIKE WINNERS – The winners of the bikes are from the left: Emalee Bishop, Cheyenne Wyatt, Blaze Hamilton, Kylie Barnaud, and Asher Seymour. Behind the kids are Mason Steve Eberhardt, Superintendent Thom Chisholm and Mason Bill Burrell.

READING

Continued from page 1

"Elephants, Tigers and Books, Oh My!," said Gena Forlan, who heads the Title 1 program at Plains, which coordinates the program. Four hundred and seventy-five students from kindergarten to seniors took part in the program and earned points – 5 to 30, based on the difficulty level of books, throughout February. Kids from third to sixth grade competed to win a bicycle, complements of Masonic Panoramic Lodge #2 of Plains. Masons Steve Eberhardt and Bill Burrell were on hand to present the bike certificate to the winners, which included: Kylie Barnaud, third grade, Cheyenne Wyatt, fourth grade, Emalee Bishop, fifth grade, and Asher Seymour of the sixth grade. The winner names were pulled out of a jar by the Masons. All of the non-winner names were then mixed together for a fifth bike. The winner was Blaze Hamilton of the fourth grade.

"The goal and purpose is to encourage and promote reading, not only in the younger grades, but throughout the high school and staff," said Dexter Earhart, a member of the Title 1 staff and one of the program coordinators. The top readers for kindergarten were Gavin Brewer and Isaac Erickson, though six points for them were recorded. For the first grade, Palmer Revier totaled 24.5 points and Jade Meadow got 23.9 points. Second-graders Lawlaw Russell collected 20.4 points and Clint Henderson nabbed 23.8 points. In the third grade, Jeremiah Ernstburn had 40.8 points and Talon Forlan had 75.7. Fourth-graders Amilia Ernstbrunk totaled 62.7 and Shay Nelson had 63. In the fifth grade, Ashley Forlan collected 52.4 points and Emalee Bishop had 83.9. Antoine Schaff of the sixth grade had 86.5.

The top reader of the school was Rubie Ott of the sixth grade with 84.3 points. "I like to read because it feels like you're in a different world and you can get lost in books," said the 12-year-old Ott, who likes to mostly read fantasy books.

Though last Wednesday's assembly was for kindergarten to sixth grade, the entire school could take part in the competition. First place in overall points went to the school staff, which clocked up 1,011.3 points. Debra Brown, the special education and a Title 1 teacher, took top honors with 348.8 points, which means she read 15 books and won a $25 gift certificate, according to Lara Hagerman, the book fair coordinator. Staffer Holly Blood took second with 336.9 points — 15 books — winning a $20 gift certificate. High school English teacher Evelyn Lowe received a $15 gift certificate for third with 222.7 points.

The top high school students were 11th grader Talonge Ernstbrunk with 508.4 points, which translated to 33 books. In second was sophomore Tessa McDonald 355.1, 32 books, followed by sophomore Sam Wood with 30 books and 260.3 points, and in fourth was eighth grader Amy Hill with 20 books amounting to 235.9 points. In fifth place was Emery Ernstbrunk of the eighth grade with 192 points by reading 10 books.

The national program was established to promote reading by kids, which is an primary path to knowledge and essential for academic growth, according to Forlan, who's been with the I Love to Read Program for a dozen years. She said it teaches students a variety of things, such as spelling, grammar, vocabulary, composition, and comprehension. She suggests that kids read at least 20 minutes a day. "Reading is a vital part of our life and education, whether it's learning to read, reading a traffic sign, job application or reading for pleasure, we all are readers," said Earhart.

"During the month of February, kids increase their independent reading by double, sometimes even triple the amount they normally read because they are motivated by the prizes and the opportunity to participate in the assembly and/or win a free bike from the Masons," said Earhart, who led the hall decoration project with the "Jungle Book" and animal themes. "We also give students extra time to read. This time allows them to find books they love and hopefully impact them to a way to never stop reading. We would love all of our students to become life-long readers," she added.

The assembly included competitions by selected students and the staff, who started with a "Bounce Bubble" contest, where they had to pluck whole bunnies from a tray of water using only their mouth. The winner was Tyrel Allen. Two students from each grade from kindergarten to sixth ran an obstacle course by hopping "logs," jumping over "quick sand," crossing a "river," and climbing through "vines." The winners were: Gavin Brewer, Palmer Revier, Clinton Weedeman, Talan Forlan, Amilia Ernstbrunk, Ashley Forlan, and Antoine Schaff.

Chisholm challenged Sherwood to the obstacle course. Sherwood won to the lead until they reached the vines, the final obstacle. Sherwood dove under, but Chisholm decided to leap over the three chairs holding the vines and claimed victory. Sherwood said he would have won had Chisholm went through the vines. "I guess he forgot that monkey's don't crawl, they jump," said King Louie Chisholm.

The event included a book fair in the school library, and for the second year a Family Fun Night Thursday evening in the cafeteria, where kids could put take in nearly a dozen games, such as Wild Animal Blocks, Pin the Tiger's Tail, Lucky Monkey, Jungle Animal Memory, and Animal Sort. The Title 1 staff baked around 15 dozen goodies for the event.

Chisholm was unsure how long Plains School has participated in the annual reading program, but he thinks it's been since he's been at the school, which is 27 years. "With all the games, fun and silliness, the most important building block of education is reading" said Chisholm.

COUNCIL

Continued from page 1

impact have been received. Construction of phase 3 of the project is set to begin in May 2022.

Representatives from Blackfoot also attended the City Council meeting on Monday to provide an update of the fiber project in Sanders County, which includes upgrading services and replacing outdated copper cables with fiber optic lines. Jared Jarrett, Blackfoot Engineering Supervisor, said the company received government funding to help improve internet speed in rural communities. He said the company is spending $35 in the next two years to upgrade services. "Thompson Falls and Trout Creek is our first fiber to home community," Jarrett said. "We're able to come in with faster speeds at a cheaper price."

Contractors have been placing the line since last year and started in the Trout Creek area, moving east. Jarrett said property owners must give consent to have Blackfoot place the fiber lines on their property. He handed forms to residents at the meeting on Monday. Copies of the consent form are available at Thompson Falls City Hall, or at www.blackfoot.com/fiberupgrades and click on the "Upgrade Consent" button. Having been at the earlier public hearing for the wastewater treatment upgrades, Jarrett stated that while the city's new sewer lines would be going in the streets, Blackfoot would primarily be utilizing the alleys for their project.

Jarrett noted that while Blackfoot previously had 2,300 homes using their services in the Thompson Falls and Trout Creek area, that number has dropped to about 1,200. They are hoping to get customers back by lowering prices and increasing speeds. He noted that once the project is complete, local Blackfoot customers will have faster services than Missoula.

City Clerk Chelsea Peterson noted that the Thompson Falls Main Street Committee's Main Street Jamboree is scheduled for Saturday, March 28. Tickets are $15 and available at City Hall. This year's event will raise money for bleachers at the new baseball field in Thompson Falls.

Landgren photo by Annie Hamilton

INTERIM MAYOR Raoul Ribeiro leads the Thompson Falls City Council meeting on Monday. Applications are being excepted for a new city mayor.

the Sanders County Ledger

FIRE SEASON SLOWS DOWN
Cold front, precipiation helps firefighters. Page 7

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Sewer project moves ahead

Engineers to meet with property owners

by Annie Wooden

With the City of Thompson Falls moving forward on the wastewater treatment project, crews from Great West Engineering have been in town working on the project design and engineering.

Property owners in phases one and two of the project — which include properties on the hill from the west end of town to Grove Street — were sent postcards in the mail asking them to call or go online to set an appointment with Great West Engineering. The firm will meet with property owners to discuss the location of existing sewer service and septic tank location and then review options for installing the new sewer service line.

At Monday's City Council meeting, Public Works Director Neil Harnett said that Great West has only had about 30 property owners contact them to set up appointments. The firm is in Thompson Falls this week and next to complete this phase of the project.

Appointments can be scheudled from 6:30 a.m. to 8 p.m. during the two weeks. If property owners do not sign up for an appointment, Great West will begin contacting property owners individually. To schedule an appointment, go to wwww.thompsonfallsinfrastructure.com and click on "Book Appointment," or call Great West Engineering at (406) 449-8627 and ask for Jill.

Also at this week's council meeting, Mayor Jerry Lacy reported that the new version of the community decay ordinance has taken effect and that the city is working on two properties in the Church Street area after complaints were made.

See COUNCIL, page 6

COUNCIL

Continued from page 1

The city earlier this year voted to create a planning board and community members have shown interest in that. The council voted to allow Mayor Lacy to appoint the board members based on those submitting letters of interest.

Council member Lynne Kersten and Mayor Lacy will be members of the city planning board, which will help develop and growth plans and assist the city with other land use planning and community development. Community members Ruth Cheney, Mark Sheets, Dave Falk and Daniel Moore will serve on the board. The Sanders County Commissioners opted not to create a city-county planning board, but said they do support the city's efforts. The commissioners selected county employee Katherine Mandrone to serve on the City of Thompson Falls board.

The first meeting of the city planning board will be Wednesday, Aug. 21, at 6 p.m. at city hall.

Mayor Lacy reported Monday that no bids were received for the project to repair the city pool. The engineer for the project is going to reach out to potential bidders and see if the project can be broken into smaller pieces and then put out for bid.

With another city project, the Ainsworth field improvements, the city received one bid that was $170,000 over the estimate, Lacy said, adding that the city may have to go for a third rounds of bids.

The council will hold a public hearing to allow taxpayers to comment on the city budget on Monday, Aug. 19, from 9 a.m. to 6 p.m. Comments can be submitted at that time. A special city council meeting is scheduled for 6 p.m. on Aug. 19 to adopt the Fiscal

REHISTORIC PET
00-pound tortoise finds home
Thompson Falls. **Page 9**

the Sanders County Ledger

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Quick repair for T. Falls sewer line

by Callie Jacobson

In an effort to improve a sewer pipeline in Thompson Falls that had been compromised by blockages from a root system, Planned and Engineered Construction, Inc. (PEC) from Helena was hired by the city of Thompson Falls to complete repairs. Public Works Director Neil Harnett said PEC implemented a cured in place pipe (CIPP) method of maintenance. CIPP is a trenchless method of rehabilitation to repair existing pipelines using a jointless and seamless pipe within a pipe that has the capability to rehabilitate 2- to 110-inch pipes.

The process of using the CIPP involves a resin-saturated felt tube made of a cloth-like material that is inserted into the damaged pipe. Little to no digging is needed with this method, potentially making it more cost effective and less disruptive than ways. The liner can be inserted using water, steam or air pressure. With this project, steam was used to insert and expand the pipe. The heat of the steam reacts with the resin and hardens the pipe in around 20 minutes to form a solid corrosion-resistant replacement pipe.

When PEC began an inspection of the damaged pipe by snaking a camera down into it, they didn't get further than around 160 feet before being stopped by a root-system blockage. According to Harnett, the root system they encountered was 100 feet long with root diameters of 6 inches. It took nearly a day and a half to get the blockage cleared and cut out. After the prep work the CIPP was inserted and hardened in place quickly, making the whole project last just two days.

The CIPP method works well

Please turn to page 3

Sewer

Continued from page 1

place quickly, making the whole project last just two days.

The CIPP method works well to cut costs, and also time, Harnett said. The same job done by digging up and replacing the whole 232 feet of damaged pipe would cost an estimated $120,00 to $150,000, and take about a week to complete. The CIPP method cost roughly $50,000. Mike Vetsch, Project Engineer with PEC, has found that CIPP works very well in the higher populated cities as well. When there are a lot of utilities in a closer vicinity, it becomes more difficult to dig up large areas and slipping in the CIPP is a nice alternative.

TOURNAMENT TIME

Plains, Noxon, Hot Springs prepare for District 14C finals. **Page 10**

the Sanders County Ledger

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Please turn to page 3

PUBLIC MEETING

The City of Thompson Falls will host an additional public meeting on the proposed sewer project Thurday, March 7, at 5:30 p.m. at the Thompson Falls Community Center.

the Sanders County Ledger

MEET CLAIRE
Plains gas station's dinosaur gets a new name. Page 7

$1.00 Thursday, January 10, 2019 - THOMPSON FALLS, MT - www.scledger.net

TF residents divided over sewer project

City Council to vote Monday

by Shana Neareig

Monday evening more than 80 residents of Thompson Falls joined the city board in an informational meeting about the proposed first two phases of the city's wastewater system improvement project. Environmental and financial impacts as well as planned project implementation were discussed at length.

In tandem with most topics that require action and financial commitment, strong arguments were made for both sides of the project.

Shawn Severson, Sanders County Sanitarian, opened the meeting explaining his concerns over why improving the system is so important. He commented that approximately 360 residences and three schools need system improvements, and those options are limited because of small lot sizes. Severson explained that these enhancements are necessary for environmental as well as property value health.

SEWER VOTE
The Thompson Falls City Council will vote whether or not to move forward with the proposed sewer project at its regular meeting on Monday, Jan. 14, at 6 p.m.

"We are dumping poorly treated sewage under us," said that, which has not been adequately treated, in seeping into the soil, be

The Weather

DATE	HIGH	LOW	PC.	REC. HIGH
Dec. 31	28	11	.06	43/1961
Jan. 1	27	18	.01	52/1998
Jan. 2	31	25	.08	51/1998
Jan. 3	38	27	.10	50/1965
Jan. 4	44	30	.00	45/1965
Jan. 5	38	30	.00	48/2003
Jan. 6	42	29	.01	47/2000
Jan. 7	44	30	.26	45/1998

WEEKEND WEATHER

FRIDAY	SATURDAY	SUNDAY
42/24	42/19	39/17
PARTLY CLOUDY	PARTLY CLOUDY	SUNNY

Sewer

Continued from page 1

Ledger photo by Shana Nearing

WASTEWATER SYSTEM IMPROVEMENTS project planning was shared with Thompson Falls during a public meeting last Monday. Great West Engineering's Craig Roberge explained the proposed plan of action for Phase 1 and 2. Approximately 360 residences and three schools need septic improvements.

or get an approved appraisal without having a reliable sewage system in place, nor able to secure guarantee that a new system would be put in place.

Falls resident Lyanne Elliott requested hard core proof that contamination is occurring from leaching sewage. She feels that there is no reason to lay down a $14.9 million project if there is no proof that contamination is occurring. "I want to be convinced," she expressed. "Or, convince me!" Fellow audience members agreed.

Severson responded that although there has not been sampling done, acceptable practices have been developed to protect public health and wastewater treatment and disposal is one of those practices. He commented that in 1968 Thompson Falls quit discharging raw sewage into the Clark Fork River, not because they had proof of contamination, but because the practice of improper disposal would most likely be having negative impacts on the environment.

Finances, the other highly contested topic of discussion, varied among the 130 meeting citizens. Those located within Phase 1 and 2 boundaries can expect to see a $25 a month increase in their monthly base rate. This brings the monthly rate to $65 for residents and $78 for commercial properties (plus $4.10 per 1,000 gallons after the first 7,000 gallons).

for those properties). In addition, each tax identified parcel will be subject to a total principal assessed fee of $4,661, which can be paid off in 20 years at $368 annually. These rates are expected to take effect in December 2020.

The city has secured grant funding for 67 percent of the project and is hopeful that these grants are available to help offset some of the principal assistance fee for the elderly (over 65 years of age) and low to middle income residents as well.

Adding cost to a monthly fee is never exciting and many residents are unsure how they will afford such an increase to their sewer bill. In addition, they feel there will be many additional costs incurred as "unknowns" always seem to pop up in these instances.

Great West Engineering's Craig Roberge and Curtis Gardner, joined by Bond Attorney Nathan Ellgren took time to explain that the projects will also resurfacing of roadways, sidewalks and costs associated with all sewer hook-ups. Roberge shared that although there is no guarantee, he does not anticipate any huge financial surprises as their "cost estimate is based on bid projects" and they are "taking the best available information with a contingency to stay on budget."

Although many spoke in disagreement with the proposed plan, Mark Sheets commented that some 1902 he has heard of the need for a new system, as this one has been in place since the 1940s. He stated, "The price just keeps going up and systems keep failing. This is something we just have to do." He fears that if the grant money is turned away, it may never come back around, leaving an even more expensive project to fix in the future, not to mention how it would negatively affect property values to not have the work done.

Funding sources for the project include USDA Rural Development (RD) grants comprising 61 percent of the total, a proposed Treasure State Endowment Program grant (TSEP) (5%), Department of Natural Resources and Conservation grant (3%), RD Revenue Bonds (27%), RD SID Bonds (18%) and funding by local residents totaling 1 percent.

The project is slated to begin in February with design, advertising for bids occurring in November 2019, construction planned to start in April 2020 for Phase 1 and April 2021 for Phase 2 and be fully complete in December 2021.

The current waste system serves only 20 percent of Falls city residents, according to the city. The remaining 80 percent use individual septic systems, which do not comply with current treatment standards and raise concerns with regards to public health as they continue to fail.

PUBLIC NOTICES

Published in the Sanders County Ledger January 10, 17 and 24, 2019

NOTICE OF INTENTION TO CREATE WASTEWATER SPECIAL IMPROVEMENT DISTRICT NO. 2, CITY OF THOMPSON FALLS, MONTANA

NOTICE IS HEREBY GIVEN on January 14, 2019, the City of Thompson Falls, Montana, passed Resolution No. 740, which is a resolution of intention to create City of Thompson Falls Wastewater Special Improvement District No. 2. The City proposes to create Wastewater Special Improvement District No. 2, which will generally include all lots in the City North of Highway 200 and non-school properties adjacent to Columbia Street, extending eastward to properties adjacent to North Grove Street as the proposed Special Improvement District. For a detailed description of the boundaries of, and the lots included in, Wastewater Special Improvement District No. 2 (the "District") and the wastewater improvements thereto, which are generally described as construction and installing new sewer service connections to properties in the District, abandonment of existing septic systems in the District and restoration of surface disturbances caused by the foregoing (the "Improvements") refer to the aforesaid resolution on file with the City Clerk at 108 Fulton Street, Thompson Falls, Montana.

The estimated cost of the Improvements, including all incidental costs is $688,000, which is anticipated to be paid from a District Wastewater Special Improvement District No. 2 Bond (the "Bond").

Each Parcel of land as described by map parcel number, parcel ID number (GEO Code), parcel tax ID Number street address and legal description in Exhibit A and B of Resolution No. 740 (a "Parcel") in the District will be assessed an equal amount based upon the total cost of the Improvements as authorized in Section 7-12-4162(3)(a) Montana Code Annotated. The estimated annual assessment for each Parcel of land for the Improvements is $316, payable over 20 years, which includes estimated average interest on the Bond plus ½ of 1%, as required by Section 7-12-4189(1)(a) Montana Code Annotated. The estimated total principal assessment per Parcel in the District is $4,777.78. As provided in Section 7-12-4162(3)(b), MCA, if an increase occurs in the number of benefited Parcels within the boundaries of the District during the term of bonded indebtedness that is payable from the assessments, the City Council shall recalculate the amount assessable to each Parcel. The City Council shall base the recalculation on the amount of the District's outstanding bonded indebtedness for the current fiscal year and shall spread the assessments across the District based on the number of benefited Parcels within the boundaries of the District as of July 1 following the action that resulted in the increase in the number of benefited Parcels.

At any time within twenty-two (22) days from and after the date of the first publication of the notice of the passage and approval of Resolution No. 740 by the City, any owner of a Parcel within the District subject to assessment for the cost and expense of making the improvements may make and file a written protest against the proposed improvements, or against creation of the District or both. Such protest must: be in writing; identify the Parcel owned by the protestor; be signed by all owners of such Parcel; and be filed with the City Clerk by 5 PM on February 8, 2019. The City Council will, at its next regular meeting, February 11, 2019, at the City Office, at 6 PM, proceed to hear all such written protests so made and filed. For more information, or to review a copy of Resolution No. 740, contact the Clerk at the address and phone number below.

Dated this 14th day of January, 2019.

/s/ Chelsea Peterson
City Clerk/Treasurer
108 Fulton Street
P.O. Box 99
Thompson Falls, Montana 59873
(406) 827-3557

Published in the Sanders county Ledger January 17 and 24, 2019

NOTICE OF INTENTION TO CREATE WASTEWATER SPECIAL IMPROVEMENT DISTRICT NO. 1, CITY OF THOMPSON FALLS, MONTANA

NOTICE IS HEREBY GIVEN on January 14, 2019, the City of Thompson Falls, Montana, passed Resolution No. 739, which is a resolution of intention to create City of Thompson Falls Wastewater Special Improvement District No. 1. The City proposes to create Wastewater Special Improvement District No. 1, which will generally include all lots in the City North of Highway 200 up to the northern boundary of the City limits and extending from the west end of West Preston Avenue and the west end of Haley Avenue eastward to properties adjacent to Spruce Street and including the Elementary and Junior High School as the proposed Special Improvement District. For a detailed description of the boundaries of, and the lots included in, Wastewater Special Improvement District No. 1 (the "District") and the wastewater improvements thereto, which are generally described as construction and installing new sewer service connections to properties in the District, abandonment of existing septic systems in the District and restoration of surface disturbances caused by the foregoing (the "Improvements") refer to the aforesaid resolution on file with the City Clerk at 108 Fulton Street, Thompson Falls, Montana.

The estimated cost of the Improvements, including all incidental costs is $870,000, which is anticipated to be paid from a District Wastewater Special Improvement District No. 1 Bond (the "Bond").

Each parcel of land as described by map parcel number, parcel ID number (GEO Code), parcel tax ID Number, street address and legal description in Exhibit A and B of Resolution No. 739 (a "Parcel") in the District will be assessed an equal amount based upon the total cost of the Improvements as authorized in Section 7-12-4162(3)(a) Montana Code Annotated. The estimated annual assessment for each Parcel of land for the Improvements is $300, payable over 20 years, which includes estimated average interest on the Bond plus ½ of 1%, as required by Section 7-12-4189(1)(a) Montana Code Annotated. The estimated total principal assessment per Parcel in the District is $4,531.25. As provided in Section 7-12-4162(3)(b), MCA, if an increase occurs in the number of benefited Parcels within the boundaries of the District during the term of bonded indebtedness that is payable from the assessments, the City Council shall recalculate the amount assessable to each Parcel. The City Council shall base the recalculation on the amount of the District's outstanding bonded indebtedness for the current fiscal year and shall spread the assessments across the District based on the number of benefited Parcels within the boundaries of the District as of July 1 following the action that resulted in the increase in the number of benefited Parcels.

At any time within twenty-two (22) days from and after the date of the first publication of the notice of the passage and approval of Resolution No. 739 by the City, any owner of a Parcel within the District subject to assessment for the cost and expense of making the Improvements may make and file a written protest against the proposed Improvements, or against creation of the District or both. Such protest must: be in writing; identify the Parcel owned by the protestor; be signed by all owners of such Parcel; and be filed with the City Clerk by 5 PM on February 8, 2019. The City Council will, at its next regular meeting, February 11, 2019, at the City Office, at 6 PM, proceed to hear all such written protests so made and filed. For more information, or to review a copy of Resolution No. 739, contact the Clerk at the address and phone number below.

Dated this 14th day of January, 2019.

/s/ Chelsea Peterson
City Clerk/Treasurer
108 Fulton Street
P.O. Box 99
Thompson Falls, Montana 59873
(406) 827-3557

Published in the Sanders county Ledger January 17 and 24, 2019

NOTICE OF SALE FOR STATE SCHOOL TRUST LAND

The Dept. of Natural Resources and Conservation (DNRC) will offer the following parcel of

BIG BOOST
Phillips 66 give $50,000 to TF Schools for new technology. **Page 9**

the Sanders County **Ledger**

$1.00 Thursday, December 27, 2018 - THOMPSON FALLS, MT - www.scledger.net

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T.Falls outlines sewer project costs

Funding package includes assessment, rate charges for property owners

by Annie Wooten

The City of Thompson Falls is being cautious as they move forward on a plan to connect the properties above the railroad tracks to a city sewer system and update the current treatment system.

The Thompson Falls City Council met with Great West Engineering representatives Craig Pozega and Carrie Gardner, as well as Bob Maede from the bond counsel, last Wednesday to discuss the wastewater project. Council members and about 15 residents received a general update on the project plan, as well as the budget and the impact on property owners.

The city will hold a public meeting at the Thompson Falls Community Center at 6 p.m. on Monday, Jan. 7, to gather comments on the project before deciding whether or not to commit to the project.

PUBLIC MEETING
The Thompson Falls City Council will host a meeting to gather public input on the sewer project beginning at 6 p.m. Monday, Jan. 7, at the Thompson Falls Community Center.

"It's not a done deal," council member Tom Eggensperger said Wednesday. "We want a lot of attendance at the public meeting so we can have as much public input as possible."

Earlier this year, the council voted to move forward with a Rural Development (RD) funding package through the U.S. Department of Agriculture (USDA). Signing the RD letter of conditions did not lock the council in to proceeding with the project, Pozega said Wednesday that he knows the project is expensive, "but this RD grant is the largest ever in the state by far. People are recognizing the impact this will have on taxpayers." The conditions of the RD funding include design on the project beginning in February 2019. If the council, at the Jan. 14 meeting, decided not to agree with the conditions, USDA could withdraw the RD grant.

With the current funding package laid out by Great West Engineering, more than half of the project would be funded by grants. That would include $8,182,000 that RD has already committed to the project, and proposed grants of $758,000 from the Treasure State Endowment Program and $125,000 from the Renewable Resource Grant and Loan Program through the Department of Natural Resources and Conservation.

Additional funding, as outlined in the project, would come from RD revenue bonds of $5,274,000 and RD Special Improvement District (SID) bonds of $1,318,000. Both of these bonds would be repaid by the city. Under the plan, the revenue bonds would be paid by sewer rates and charges over 40 years, while the SID bonds would be collected through an SID on property taxes. The SID assessment would be $4,665 per property, or $196 a year. The proposed rate structure for the sewer system would be a base rate of $40 a month for residential properties, $45 for commercial properties, and a usage fee of $4.50 per 1,000 gallons after the first 2,000 gallons per month. The revenue bonds would increase those monthly fees by $15, results in base rates of $55 for residential and $70 for commercial.

Please turn to page 8

Sewer

Continued from page 1

properties.

Another $421,808 is being proposed through the Community Development Block Grant (CDBG) program. That grant is not currently in the project budget, Pozega said, but it could be used to help offset the SID assessments for qualified low-income families. The city received a CDBG grant for the completion of the Ainsworth Park project. Once that grant has been closed (in August of 2019), the city can apply for another CDBG grant.

The funding package is for the first two phases of the wastewater project. The first phase includes connecting around 200 properties on the west end of Thompson Falls to the city sewer system while the second phase includes connection of properties and upgrades to the treatment system. The first two phases would connect properties east Grove Street above the railroad tracks. Pozega said additional funding RDs would be formed.

Mayor Jerry Lacy said that they hope to have Sanders County Senators Steven Sosso and representatives from the Department of Environmental Quality the Jan. 7 public meeting to talk about the "why" of the project. Council member Lynna Kanzler said she has spoken with residents and is getting questions about whether there are other options for wastewater treatment. "I don't think the public understands there are other options," Kanzler said.

APPENDIX FF

Geotechnical Report for Phase 1 & 2 Design

Geotechnical Engineering Report

Sewer Collection System
Thompson Falls, Montana
April 3, 2020
Terracon Project No. C4195054

Prepared for:
Great West Engineering
Helena, MT

Prepared by:
Terracon Consultants, Inc.
Great Falls, Montana

April 3, 2020

Great West Engineering
2501 Belt View Drive.
Helena, MT 59604

Attn: Ms. Carrie Gardner, P.E.
P: (406) 495-6176
E: cgardner@greatwesteng.com

Re: Geotechnical Engineering Report
Sewer Collection System
various locations throughout Thompson Falls
Thompson Falls, Montana
Terracon Project No. C4195054

Dear Ms. Gardner:

We have completed the Geotechnical Engineering services for the above referenced project. This study was performed in general accordance with Terracon Proposal No. PC4195054 dated November 4, 2019. This report presents the findings of the subsurface exploration and provides geotechnical recommendations concerning earthwork and the design and construction of foundations, floor slabs, and pavement sections for the proposed project.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report or if we may be of further service, please contact us.

Sincerely,
Terracon Consultants, Inc.

J. Adam Proud, P.E.
Staff Geotechnical Engineer

Matthew D. Hoffmann, P.E.
Office Manager

APR Reviewer: Brian J. Williams, P.E., P.G.

REPORT TOPICS

Note: This report was originally delivered in a web-based format. **Orange Bold** text in the report indicates a referenced section heading. The PDF version also includes hyperlinks which direct the reader to that section and clicking on the ***GeoReport*** logo will bring you back to this page. For more interactive features, please view your project online at client.terracon.com.

ATTACHMENTS

Note: Refer to each individual Attachment for a listing of contents.

Geotechnical Engineering Report

Sewer Collection System
various locations throughout Thompson Falls
Thompson Falls, Montana

Terracon Project No. C4195054
April 3, 2020

INTRODUCTION

This report presents the results of our subsurface exploration and geotechnical engineering services performed for the proposed Sewer Collection System to be located at various locations throughout Thompson Falls in Thompson Falls, Montana. The purpose of these services is to provide information and geotechnical engineering recommendations relative to:

- Subsurface soil conditions
- Groundwater conditions
- Site preparation and earthwork
- Excavation considerations
- Frost considerations
- Foundation design and construction
- Floor slab design and construction
- Seismic site classification per IBC
- Lateral earth pressures
- Pavement design and construction

The geotechnical engineering Scope of Services for this project (inclusive of an Amendment No. 1) included the advancement of twenty-nine test borings, excavation of two test pits, and two days of geophysical testing at seven locations within the project area. Boring depths (utilizing hollow stem augers and air rotary tubex drilling techniques) ranged from approximately 3.2 to 36.5 feet below existing site grades, and test pit depths extended to approximately 10 feet below existing site grades.

Maps showing the site and boring locations/test pits/geophysical lines are shown in the **Site Location** and **Exploration Plan** sections, respectively. The results of the laboratory testing performed on soil samples obtained from the site during the field exploration are included on the boring logs and test pit logs and on separate graphs in the **Exploration Results** section.

SITE CONDITIONS

The following description of site conditions is derived from our site visit in association with the field exploration and our review of publicly available geologic and topographic maps.

Item	Description
Parcel Information	The project is located throughout the streets and alleyways within Thompson Falls, Montana, primarily north and northwest from the intersection of Main Street (Highway 200) and North Grove Street; then extending to the treatment lagoons northwest of town. See Site Location
Existing Improvements	Generally, asphalt or gravel surfaced street/alley and existing lagoon embankment northwest of town.
Current Ground Cover	Primarily asphalt, with some gravel surfaced roadway, along with embankment fill/grass slope areas at the treatment lagoons.
Existing Topography	Topography in and around Thompson Falls generally slopes toward the south/southwest towards the Clark Fork River, with elevations ranging from 2620 feet near the northeast corner of the project site (5th and Grove) to 2440 feet near Main Street. Based on draft plans provided to us by Great West Engineering, elevations atop the lagoon embankments are 2547 feet.
Geology	The geology of the site is characterized by extremely high-energy, glacial ice-out event deposition. Thompson Falls is located approximately 60 miles upstream of Lake Pend Oreille, Idaho; where, during the last two ice ages, the Purcell Ice Lobe would extend southward from Canada into northern Idaho. As the ice lobe would build up in present-day Idaho, it would begin to block off the Clark Fork River, eventually backing up water almost to the continental divide, with water depths at the ice dam reaching a height on the order of 2,000 feet. At some point after reaching a height on the order of 2,000 feet, the ice dam would begin to break up, resulting in a dramatic out-rush of water from the Clark Fork valley that scoured most of the topsoil and vegetation from eastern Washington State and much of Oregon. The area impacted by these massive flood events reached almost 200 miles in width in Eastern Washington and Oregon; essentially the entirety of the area east of the Cascade Mountain range. The flood events associated with these phenomena would reach speeds on the order of 80 miles per hour, and would transport sand, gravel, cobbles, and boulders up to tens of feet in dimension. Scour marks remain on some of the rock outcrop still exposed today; and, in our mapping efforts for other projects in the Clark Fork Valley, we have observed drag marks and terrace deposits as much as 1,800 feet above the current Clark Fork River elevation. Within Thompson Falls, these glacial flood events resulted in a cycle of extreme erosion followed by extreme high-energy deposition of sand, gravel, cobbles, and small boulders up to 24 inches in size. Due to the high velocity and volume of flow associated with these events, the resulting deposits tend to be very dense, and in some areas, the deposits are calcitically cemented in layers as thick as 3 to 4 feet, often resulting in difficult excavation.

PROJECT DESCRIPTION

Our initial understanding of the project was provided in our proposal and was discussed during project planning. A period of collaboration has transpired since the project was initiated, and our final understanding of the project conditions is as follows:

The drilling portion of the Geotechnical investigation was reduced to half the borings as originally planned and substituted with a 2-day geophysical study. In addition, two test pits were excavated at both sides of the proposed HDD crossing location. Borings were drilled deeper at proposed lagoon and lift station locations where fill was encountered.

Item	Description
Project Scope	The original plans for the Collection System Project included a total of 43 proposed borings. After the initial drilling subcontractor was unable to penetrate through some of the dense and partially cemented soil layers, the number of borings was reduced and a second drilling subcontractor (with larger equipment) was retained to complete the reduced drilling scope of services that included 29 borings. Following completion of the drilling services, we added geophysical exploration (inclusive of P-wave refraction) to assist in characterizing the excavation characteristics of the dense (and partially cemented) soils within the project area. The geophysical exploration included evaluations at seven locations within the project limits. Also added was the inclusion of two test pits at the location of planned HDD crossing not included in the original scope.

Item	Description
Project Elements	The project includes: o Excavation of trenches and then installation of a new Sewer Collection Piping System throughout the town of Thompson Falls; anticipated trench excavation depths range from 4 to 12 feet. o Construction of two new lift stations at the low end of the new piping system; excavation depths for these structures will be around 20 feet. Retaining wall construction is expected at Lift Station #2 to provide a level pad for placement of ancillary equipment at the lift station, maximum height on the order of 14 feet. o Construction of three new structures at the Treatment Lagoon site including a Polishing Reactor Structure, a Headworks Building, and a UV Disinfection Building consisting of a concrete basin that is approximately 35 x 45 feet in plan dimension and 12 feet deep. o Installation of HDD Crossing planned beneath Main Street (Highway 200), the Railroad, and Preston Avenue. One end of installation will be on the south side of Highway 200 near the intersection with Maiden Lane, and the other end will be near the intersection of Preston Avenue and the lagoon access road. o Design and construction of paved residential streets.
Finished Floor Elevations	Polishing Reactor: 2532' Headworks Building: 2545' UV Building: 2534'
Maximum Loads	Lift stations: approximately 2.3 ksf Polishing reactor: approximately 1.25 ksf Headworks Building: approximately 2 k/f
Grading/Slopes	Significant fill removal at the Lift Stations; and, depending on location along the existing lagoon structures, excavations at the Polishing Reactor (14' ±) and new cell construction (15' ±)
Pavements	Paved residential streets or asphalt repair sections will be constructed according to plans throughout the project site. We assume flexible (asphalt) pavement sections should be considered. Please confirm this assumption. Anticipated traffic is as follows: o Autos/light trucks: 500 vehicles per day o Light delivery and trash collection vehicles: 5 vehicles per week The pavement design period is 20 years.
Estimated Start of Construction	Summer of 2020

GEOTECHNICAL CHARACTERIZATION

We have developed a general characterization of the subsurface conditions based upon our review of the subsurface exploration, laboratory data, geologic setting and our understanding of the project. This characterization, termed GeoModel, forms the basis of our geotechnical calculations and evaluation of site preparation and foundation options. Conditions encountered at each exploration point are indicated on the individual logs. The individual logs can be found in the **Exploration Results** section and the GeoModel can be found in the **Figures** section of this report.

As part of our analyses, we identified the following model layers within the subsurface profile. For a more detailed view of the model layer depths at each boring location, refer to the GeoModel.

Model Layer	Layer Name	General Description
1	**Surface**	Asphalt
2	**Surface**	Topsoil
3	**FILL**	FILL; Aggregate Base Course
4	**FILL**	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
5	**FILL**	FILL; Silt, brown/dark brown, medium dense
6	**FILL**	FILL; Poorly Graded Gravels with varying amounts of silts, sands, and clays, some cobbles, occasional boulder, medium dense to very dense
7	**Lean Clay**	TILL; Trace scattered gravels and sands, very stiff
8	**Silt**	Varying amounts of sand and gravel, occasional cobble, medium dense
9	**Silty Sand**	Varying amounts of scattered gravels and cobbles, occasional boulder, loose to very dense
10	**Poorly Graded Gravels**	Varying amounts of clays, silts, and sands, few cobbles, occasional boulder, medium dense to very dense, occasionally cemented in discrete lenses, with varying amounts of oxidation

The borings and test pits were observed while drilling/excavating and immediately after completion for the presence and level of groundwater. Groundwater was not observed in any of the borings or test pits. However, a perched water zone was found at boring L-3 (Lagoon embankment) at a depth of approximately 15 feet. The field investigation does not fully reflect seasonal or long-term groundwater conditions which will be influenced by precipitation, hydrologic impacts originating off-site, and other factors beyond the scope of this investigation. Therefore, groundwater levels during construction or at other times in the life of the structure may vary from the conditions indicated on the Logs.

In addition to the borings and test pits, Terracon performed geophysical (P-wave) refraction of the near-surface soils along selected segments of the proposed sewer alignment, adjacent to borings that were drilled to the complete anticipated depths as well as adjacent to borings where drilling refusal was reached. The geophysical studies were performed to assist in characterizing the site, and, in particular, to assist in developing excavation criteria for the very dense (and partially cemented) glacial flood deposits.

GEOTECHNICAL OVERVIEW

The project site throughout Thompson Falls generally consists of loose alluvial soils near the surface, varying (with depth) to dense and very dense gravels with varying amounts of sands, silts, and clays, along with some cobbles, occasional boulders (up to or slightly over 24 inches maximum dimension), and occasional zones where the gravel soils are cemented in discrete layers. However, some of the sewer borings, especially along Preston Avenue, exhibit sand deposit zones with only trace of gravel. Borings at the lagoon embankment show significant fill depths, with the fill consisting of clays and reworked native silty gravel with sand. Some of the near surface soils at the Lagoon embankment include thick fill, have varying and unpredictable strength characteristics (as indicated by the variation in Standard Penetration Test [SPT] N-values), along with varying amounts of silt and clay fines. Some of these surface soils could become unstable under construction traffic, resulting in pumping or yielding subgrade conditions that could impact overall construction activities. Effective drainage should be completed early in the construction sequence, especially in the lagoon excavations, and be maintained after construction to avoid potential stability and settlement problems. If possible, the grading should be performed during the warmer and drier times of the year. If grading is performed during the winter months, an increased risk for possible undercutting and replacement of unstable subgrade will persist. Additional site preparation recommendations, including subgrade improvement and fill placement, are provided in the **Earthwork** section.

Along the alignment of the new sewer trench and lift station borings, the subsurface conditions generally include dense to very dense gravel with silt, sand, cobbles, occasional boulders, and occasional cemented lenses where drilling refusal was reached. Excavation in these areas will be difficult; further discussion of this issue is included in the **Trench and Structure Excavation** section below.

Subsurface conditions at the lagoon structures indicate that varying strength and settlement characteristics are likely to be encountered at the embankment fill locations for the proposed structures, with SPT recorded N-values at planned bearing stratums varying from approximately 7 to 50 blows per foot, especially if construction takes place on top of lagoon embankment. Due to this variability, removal of embankment fill and special subgrade preparation at specific structure locations is recommended to provide reliable bearing support and minimizing the potential for differential settlement.

Subsurface conditions at the lift station structures show some overlying fill, but the borings indicate competent bearing characteristics with a planned excavation depth of around 20 feet from existing grades. Bearing capacity for mat foundation on native gravels or on structural fill replacement extending to undisturbed and properly prepared native gravels is considered suitable. The **Mat Foundations** section further addresses support of the lift stations bearing on native silty, clayey gravels with sand or engineered fill. The **Floor Slabs** section addresses slab-on-grade support of the building.

Recommendations for a flexible pavement system whether repair or replacement is needed during construction of the sewer collection system throughout Thompson Falls are included. The **Pavements** section addresses the design of pavement systems.

The **General Comments** section provides an understanding of the report limitations.

EARTHWORK

Earthwork is anticipated to include clearing and grubbing, trench and structure excavations, and fill placement. The following sections provide recommendations for use in the preparation of specifications for the work. Recommendations include critical quality criteria, as necessary, to render the site in the state considered in our geotechnical engineering evaluation for foundations, floor slabs, and pavements.

Site Preparation

Prior to conducting required earthwork, existing fill and asphalt pavement should be removed throughout the planned sewer collection system and lagoon/lift station structure locations. Following completion of fill/pavement removal activities, the foundation excavations should be conducted by equipment operating above and outside the limits of the mat or shallow foundation areas. Excavations should be completed to base of mat or shallow foundation elevation if bearing elevation lies within native gravel soils. If base of footing elevation lies within fill zone or clay soils, then further over-excavation to native gravel soils with structural fill replacement will be necessary. Following excavation and prior to placement of concrete, the native sand/gravel subgrade should be moisture conditioned and recompacted to a minimum of 98 percent of the maximum laboratory dry density as determined by ASTM D 698.

In areas of planned pavement construction, the subgrade should be moisture conditioned and recompacted to a minimum of 95 percent of the maximum laboratory dry density as determined by ASTM D 698 prior to placement of site grade raising fill or crushed aggregate base course materials.

Existing Fill

As noted in **Geotechnical Characterization**, borings L-1A, L-2, and L-3 encountered significant amounts of existing fill to depths ranging from about 12 to 19 feet. The fill is primarily encountered at the lagoon embankment locations and appears to have been placed in a controlled manner, but no records have been provided to indicate the degree of control. Support of footings and floor slabs, on or above existing fill soils is NOT recommended and even with the recommended construction procedures, there is inherent risk for the owner that compressible fill or unsuitable material, within or buried by the fill, will not be discovered. This risk of unforeseen conditions cannot be eliminated without completely removing the existing fill.

Trench and Structure Excavation

Excavatability of the subsurface soils (inclusive of cobbles and small boulders) will vary considerably throughout the project, and will range from slightly difficult in the uncemented sand and gravel-sized material zones to very difficult (with typical excavation equipment) in the very dense high-energy sand/gravel zones that sometimes include glacial flood boulders in the very dense gravel matrix. The very difficult excavations conditions will also occur within the cemented zones. These cemented zones, while not discerned by the recent geophysical data, have been observed in past projects we have performed in and adjacent to Thompson Falls. Whether the gravel is cemented or whether there are flood boulders within the matrix, sewer trench excavation may be practically impossible in some areas, even with large hydraulic excavators employing rock teeth on the buckets. To achieve the required excavation depths in these areas, we recommend that an excavator fitted with a large hydraulic demolition hammer be employed with the conventional excavation equipment to break up the boulders or break through the cemented zones to allow trench excavation to proceed. Based on the results of the exploratory borings and the geophysical results, it is our opinion that at least half of the sewer trench excavations may require such equipment to achieve the required trench excavation depths. Prospective contractors should consider the use of a large hydraulic demolition hammer attachment on-site for quick on-off tool/bucket changes. The contractor should review the provided geophysical data to assist in selection of appropriately sized equipment to advance excavations to the designed depths.

Fill Material Types

Fill required to achieve design grade should be classified as structural fill and general fill. Structural fill is material used below, or within 10 feet of structures, pavements or constructed slopes. General fill is material used to achieve grade outside of these areas. Earthen materials used for structural and general fill should meet the following material property requirements:

Soil Type [1]	USCS Classification	Acceptable Parameters (for Structural Fill)
Structural Fill (imported material)	GW, GP, SW, SP, and dual (GM/SM) symbols	100% passing 1 ½ inch size; 30-60% passing No. 4 screen, and no more than 10% passing No. 200 screen, the fines portion should have a maximum Liquid Limit and Plasticity Index of 25 and 10 percent, respectively.
Crushed Base Course	Per MPWSS	Montana Public Works Standard Specifications (MPWSS), 6th Ed, Section 02235, 1 ½ inch minus and ¾ inch minus gradations
On-Site Native Soils	CL, SC-SM, SM, GP-GM, GP-GC, GM	The on-site sand, gravel and lean clay soils appear suitable for use as general fill, including site grade raising material and exterior backfill of foundations.

1. Structural and general fill should consist of approved materials free of organic matter and debris. Frozen material should not be used, and fill should not be placed on a frozen subgrade. A sample of each material type should be submitted to the Geotechnical Engineer for evaluation prior to use on this site.

Fill Compaction Requirements

Structural and general fill should meet the following compaction requirements.

Item	Structural Fill	General Fill
Maximum Lift Thickness	8 inches or less in loose thickness when heavy, self-propelled compaction equipment is used 4 to 6 inches in loose thickness when hand-guided equipment (i.e. jumping jack or plate compactor) is used	Same as Structural fill
Minimum Compaction Requirements [1, 2, 3]	98% of max. below foundations and within 1 foot of finished pavement subgrade 95% of max. above foundations, below floor slabs, and more than 1 foot below finished pavement subgrade	92% of max.
Water Content Range [1]	Low plasticity cohesive: -2% to +3% of optimum High plasticity cohesive: 0 to +4% of optimum Granular: -3% to +1% of optimum	As required to achieve min. compaction requirements

1. Maximum density and optimum water content as determined by the standard Proctor test (ASTM D 698).
2. High plasticity cohesive fill should not be compacted to more than 100% of standard Proctor maximum dry density.
3. If the granular material is a coarse sand or gravel, or of a uniform size, or has a low fines content, compaction comparison using local practices may be more appropriate. It should be noted that ASTM D698 allows for rock-correction of samples with up to 30% Retained on the 3/4" screen, but that this can lead to values not attainable in the field. ASTM allows for use of engineering judgement of field test strips. Local practice also has utilized successfully for control of the former ASTM D698 method of rock-replacement.

Utility Trench Backfill

For low permeability subgrades, utility trenches are a common source of water infiltration and migration. Utility trenches penetrating beneath the planned structures should be effectively sealed to restrict water intrusion and flow through the trenches, which could migrate below the varying structures. The trench should provide an effective trench plug that extends at least 5 feet from the face of the structure(s) exterior. The plug material should consist of cementitious flowable fill or low permeability clay. The trench plug material should be placed to surround the utility line. If used, the clay trench plug material should be placed and compacted to comply with the water content and compaction recommendations for structural fill stated previously in this report.

Grading and Drainage

All grades must provide effective drainage away from structures during and after construction and should be maintained throughout the life of the structures. Water retained next to a structure can result in soil movements greater than those discussed in this report. Greater movements can result in unacceptable differential floor slab and/or foundation movements, cracked slabs and walls, and roof leaks. The roof should have gutters/drains with downspouts that discharge onto splash blocks at a distance of at least 10 feet from the buildings.

Exposed ground should be sloped and maintained at a minimum 5% away from the buildings for at least 10 feet beyond the perimeter of the building. Locally, flatter grades may be necessary to transition ADA access requirements for flatwork. After building construction and landscaping have been completed, final grades should be verified to document effective drainage has been achieved. Grades around the structure should also be periodically inspected and adjusted, as necessary, as part of the structure's maintenance program. Where paving or flatwork abuts the structure, a maintenance program should be established to effectively seal and maintain joints and prevent surface water infiltration.

Earthwork Construction Considerations

Excavations for the proposed structures and collection lines are anticipated to become difficult in the partially-cemented layers or within zones containing flood-deposited boulder zones throughout the excavations. Excavations can be accomplished following the recommendations discussed in the **Trench and Structure Excavation** section above. Upon completion of filling and grading, care should be taken to maintain the subgrade water content prior to construction of floor slabs. Construction traffic over the completed subgrades should be avoided. The site should also be graded to prevent ponding of surface water on the prepared subgrades or in excavations. Water collecting over or adjacent to construction areas should be removed. If the subgrade freezes, desiccates, saturates, or is disturbed, the affected material should be removed, or the materials should be scarified, moisture conditioned, and recompacted prior to floor slab construction.

As a minimum, excavations should be performed in accordance with OSHA 29 CFR, Part 1926, Subpart P, "Excavations" and its appendices, and in accordance with any applicable local, and/or state regulations.

Construction site safety is the sole responsibility of the contractor who controls the means, methods, and sequencing of construction operations. Under no circumstances shall the information provided herein be interpreted to mean Terracon is assuming responsibility for construction site safety, or the contractor's activities; such responsibility shall neither be implied nor inferred.

Construction Observation and Testing

The earthwork efforts should be monitored under the direction of the Geotechnical Engineer. Monitoring should include documentation of adequate removal of vegetation and topsoil, proofrolling, and mitigation of areas delineated by the proofroll to require mitigation.

Each lift of compacted fill should be tested, evaluated, and reworked, as necessary, until approved by the Geotechnical Engineer prior to placement of additional lifts. Each lift of fill should be tested for density and water content at a frequency of at least one test for every 2,500 square feet of compacted fill in the structure areas and 5,000 square feet in pavement areas. One density and water content test should be performed for every 100 linear feet of compacted utility trench backfill.

In areas of foundation excavations, the bearing subgrade should be evaluated under the direction of the Geotechnical Engineer. If unanticipated conditions are encountered, the Geotechnical Engineer should prescribe mitigation options.

In addition to the documentation of the essential parameters necessary for construction, the continuation of the Geotechnical Engineer into the construction phase of the project provides the continuity to maintain the Geotechnical Engineer's evaluation of subsurface conditions, including assessing variations and associated design changes.

MAT FOUNDATIONS

Based on current planning, the bearing elevation for the mat foundations will be approximately 20 feet below grade for each of the two lift stations and approximately 14 feet below grade for the polishing reactor structure at the lagoon which all result in fully compensated mat foundations. A fully compensated mat foundation is when the weight (stress) of the overburden material removed from the excavation equals or exceeds the applied contact pressure of the new structure. Loading conditions were estimated up to 230,000 pounds per lift station structure and approximately 100,000 pounds from the polishing reactor structure obtained from plans provided by Mrs. Mary Stelling, P.E. (Great West Engineering) using design dimensions of the mat foundations. Based

on loading provided and preliminary dimension, the calculated maximum contact pressure of the lift stations of approximately 2,300 pounds per square foot (psf) and approximately 1,250 pounds per square foot (psf) for the polishing reactor. In these situations, the overburden stress exceeds added stress from structural loading conditions. In addition, the mat foundations will bear on native silty, clayey gravels with sand or on structural fill replacement material extending to these native gravels. Design of mat foundations utilizing an allowable bearing pressure on the order of 4,000 psf for foundation design on properly prepared native very dense gravels is considered appropriate. Settlement of a fully compensated mat foundation will be primarily impacted by the quality of earthwork construction, as there will be effectively no added stress to the bearing surface during the structure design life. As such, proper preparation of the bearing surface as previously outline will be important to minimize the potential for differential settlement. Based on proper preparation of the bearing surface and the calculated contact pressure applied estimated total settlement is expected to be less than 1 inch, with differential settlement on the order of ½ total expected.

If the site has been prepared in accordance with the requirements noted in **Earthwork**, the following design parameters are applicable for shallow foundations.

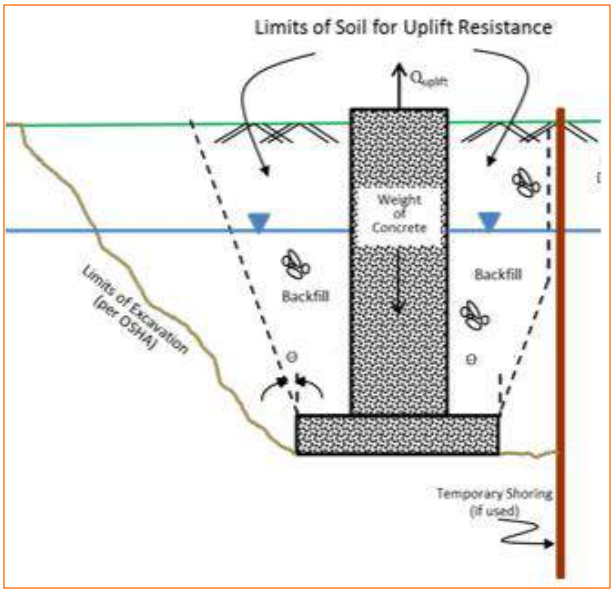
Design Parameters – Compressive Loads

Item	Description
Maximum Allowable Bearing pressure [1, 2]	4,000 psf (foundations bearing on properly prepared native gravel and/or structural fill)
Required Bearing Stratum [3]	Native silty, clayey gravels with sand or structural fill replacement extending to native gravels
Minimum Foundation Dimensions	Mat Foundation – Lift Station: 10 feet x 10 feet Mat Foundation – Polishing Reactor: 39 feet x 19 feet Continuous Foundation – Other lagoon structures – 1.5 feet
Ultimate Passive Resistance [4] **(equivalent fluid pressures)**	510 pcf (Structural Fill) 420 pcf (Native Granular materials)
Ultimate Coefficient of Sliding Friction [5]	0.60 (native granular material)
Minimum Embedment below Finished Grade [6]	Exterior footings in unheated areas: 48 inches Interior footings in heated areas: 24 inches Polishing Reactor: 14 feet Lift Stations: 20 feet
Estimated Total Settlement from Structural Loads [2]	Less than about 1 inch
Estimated Differential Settlement [2, 7]	About 1/2 of total settlement

Item	Description
1.	Assumes proper preparation of bearing surface in accordance with **Site Preparation**. Based on a minimum factor of safety of 3.
2.	Values provided are for maximum loads noted in **Project Description**.
3.	Unsuitable or soft soils should be over-excavated and replaced per the recommendations presented in the **Earthwork**.
4.	Use of passive earth pressures require the sides of the excavation for the spread footing foundation to be nearly vertical and the concrete placed neat against these vertical faces or that the footing forms be removed and compacted structural fill be placed against the vertical footing face. A minimum factor of safety of 2 should be applied to ultimate values.
5.	Can be used to compute sliding resistance where foundations are placed on suitable soil/materials. Should be neglected for foundations subject to net uplift conditions.
6.	Embedment necessary to minimize the effects of frost and/or seasonal water content variations. For sloping ground, maintain depth below the lowest adjacent exterior grade within 5 horizontal feet of the structure, also application of a minimum factor of safety of 2 should be utilized.
7.	Differential settlement and resultant deflection profile are as estimated for given column spacing or a maximum spacing of 50 feet.

Design Parameters - Uplift Loads

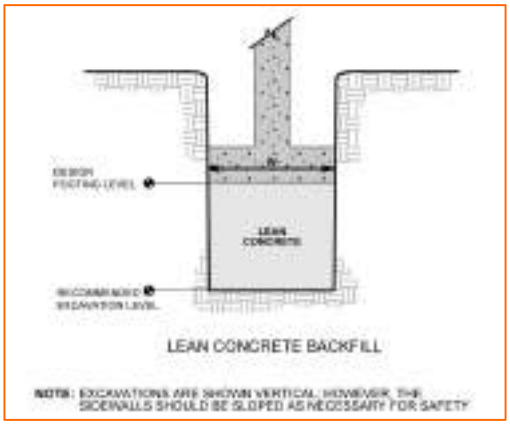
Uplift resistance of mat and spread footings can be developed from the effective weight of the footing and the overlying soils. As illustrated on the subsequent figure, the effective weight of the soil prism defined by diagonal planes extending up from the top of the perimeter of the foundation to the ground surface at an angle, θ, of 30 degrees from the vertical can be included in uplift resistance. The maximum allowable uplift capacity should be taken as a sum of the effective weight of soil plus the dead weight of the foundation, divided by an appropriate factor of safety. A maximum total unit weight of 110 pcf should be used for the backfill. If groundwater is encountered above the foundation elevation this unit weight should be reduced to 50 pcf for portions of the backfill.



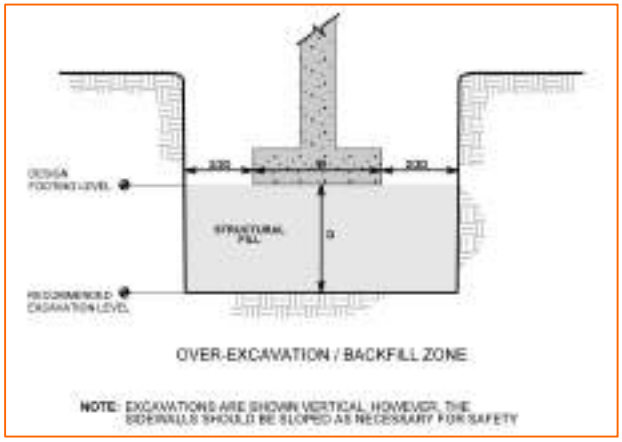
Foundation Construction Considerations

As noted in **Earthwork**, the footing excavations should be evaluated under the direction of the Geotechnical Engineer. The base of all foundation excavations should be free of water and loose soil, prior to placing concrete. Concrete should be placed soon after excavating to reduce bearing soil disturbance. Care should be taken to prevent wetting or drying of the bearing materials during construction. Excessively wet or dry material or any loose/disturbed material in the bottom of the footing excavations should be removed/reconditioned before foundation concrete is placed.

If unsuitable bearing soils are encountered at the base of the planned footing excavation, the excavation should be extended deeper to suitable soils, and the footings could bear directly on these soils at the lower level or on lean concrete backfill placed in the excavations. This is illustrated on the sketch below.



Over-excavation for structural fill placement below footings should be conducted as shown below. The over-excavation should be backfilled up to the footing base elevation, with structural fill placed, as recommended in the **Earthwork** section.



SUPPLEMENTAL GEOPHYSICAL DATA

In an effort to provide information critical to an earthwork contractor evaluating the excavatability of the collection lines and structures, Terracon has conducted supplemental exploration. The supplement efforts were utilized to provide more detail to subsurface conditions, in particular P-wave(compression wave) velocities, than could be determined using the traditional auger and ODEX drilling techniques.

Terracon performed refraction microtremor (ReMi) P-wave profiling and multi-channel analysis of surface wave (MASW) measurements at several locations throughout the site in addition to soil survey data from several borings throughout the project site. A total of seven (7) seismic survey lines were conducted throughout the proposed project area. A diagram of the survey locations and depth profiles of the measured P-wave velocity (Vs) values can be found in the Figures Section of this Report. Based on the results, the project area is generally Seismic Site Class C per Table 20.3-1 of ASCE 7-16.

SUPPLEMENTAL TEST PIT DATA AT HDD CROSSING

Terracon observed the excavation of two test pits each extending to a depth of approximately 10 feet. These test pits were excavated at each end of the proposed HDD crossing planned for Main Street, the Railroad, and Preston Avenue. The first test pit location (TP-1) was excavated south of Highway 200 near intersection with Maiden Lane; and the second test pit location (TP-2) was excavated near the intersection of Preston Avenue and the lagoon access road. It should be noted that the excavations were conducted to depths of approximately 10 feet below existing grade utilizing a CAT 420D backhoe. Bulk samples were obtained and brought to our laboratory

for testing. Our office performed laboratory testing to determine water content by soil mass, particle size analysis, Atterberg limits, moisture-density relationship of soil using standard effort, California Bearing Ratio, and Soil Chemistry testing (electrical resistivity/ph/sulfates). Included, are the results of laboratory testing samples taken from the test pit excavations.

SEISMIC CONSIDERATIONS

The seismic design requirements for buildings and other structures are based on Seismic Design Category. Site Classification is required to determine the Seismic Design Category for a structure. The Site Classification is based on the upper 100 feet of the site profile defined by a weighted average value of either shear wave velocity, standard penetration resistance, or undrained shear strength in accordance with Section 20.4 of ASCE 7 and the International Building Code (IBC). Based on the soil properties encountered at the site and results from the geophysical testing, it is our professional opinion that the **Seismic Site Classification is C**. Subsurface explorations at this site were extended to a maximum depth of 36.5 feet, along with geophysical testing results showing soil stratifications beyond 100 feet to confirm these results.

FLOOR SLABS

It is critical that excavation for mat foundations/floor slabs reach native gravels or use structural fill replacement extending to native gravels at their bearing elevations. This is most important for the lagoon structures where fat clay fill zones are found at significant depths along the embankment fill. Bearing elevations indicate floor slabs will be well below frost depth for the main structures including lift stations, polishing reactor and UV Building. It is recommended that, at minimum, a 12-inch layer of crushed aggregate base course be placed as a leveling course and to provide near surface bearing uniformity for the slab section. Design parameters for floor slabs assume the requirements for **Earthwork** have been followed. Specific attention should be given to positive drainage away from the structure and positive drainage of the aggregate base beneath the floor slab.

Floor Slab Design Parameters

Item	Description
Floor Slab Support [1]	Minimum 12 inches of Crushed Aggregate Base Course per Montana Public Works Standard Specification (MPWSS) 6th Edition, Section 02235 for ¾-inch minus gradation
Estimated Modulus of Subgrade Reaction [2]	125 pounds per square inch per inch (psi/in) for point loads

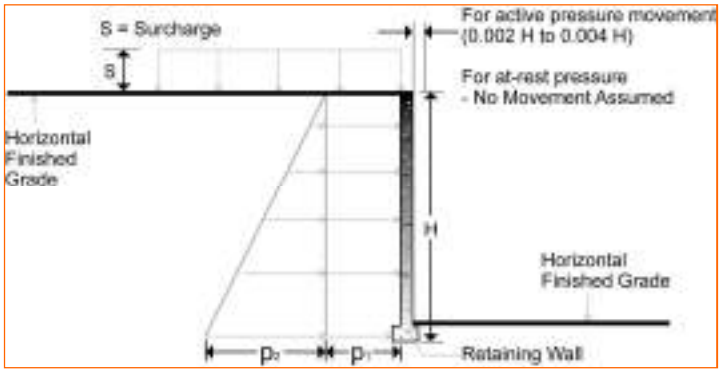
1. Floor slabs should be structurally independent of building footings or walls to reduce the possibility of floor slab cracking caused by differential movements between the slab and foundation.

Item	Description
2.	Modulus of subgrade reaction is an estimated value based upon our experience with the subgrade condition, the requirements noted in **Earthwork**, and the floor slab support as noted in this table. It is provided for point loads. For large area loads the modulus of subgrade reaction would be lower.
3.	Free-draining granular material should have less than 5% fines (material passing the No. 200 sieve). Other design considerations such as cold temperatures and condensation development could warrant more extensive design provisions.

LATERAL EARTH PRESSURES

Design Parameters

Structures with unbalanced backfill levels on opposite sides should be designed for earth pressures at least equal to values indicated in the following table. Earth pressures will be influenced by structural design of the walls, conditions of wall restraint, methods of construction and/or compaction and the strength of the materials being restrained. Two wall restraint conditions are shown in the diagram below. Active earth pressure is commonly used for design of free-standing cantilever retaining walls and assumes wall movement. The “at-rest” condition assumes no wall movement and is commonly used for lift stations, polishing reactors, or other walls restrained at the top. The recommended design lateral earth pressures do not include a factor of safety and do not provide for possible hydrostatic pressure on the walls (unless stated).



Lateral Earth Pressure Design Parameters			
Earth Pressure Condition [1]	**Coefficient for Backfill Type** [2]	**Surcharge Pressure** [3, 4, 5] **p_1 (psf)**	**Effective Fluid Pressures (psf)** [2, 4, 5]
Active (Ka)	Structural Fill - 0.26 Native Gravel - 0.31 Clay (Fill) – 0.49	(0.26)S (0.31)S (0.49)S	(35)H (40)H (55)H

Lateral Earth Pressure Design Parameters			
Earth Pressure Condition [1]	**Coefficient for Backfill Type** [2]	**Surcharge Pressure p_1 (psf)** [3, 4, 5]	**Effective Fluid Pressures (psf)** [2, 4, 5]
At-Rest (Ko)	Structural Fill - 0.41	0.41)S	(55)H
	Native Gravel - 0.47	(0.47)S	(65)H
	Clay (Fill) – 0.66	(0.66)S	(75)H
Passive (Kp)	Structural Fill - 3.8	---	(510)H
	Native Gravel – 3.26	---	(420)H
	Clay (Fill) – 2.04	---	(225)H

1. For active earth pressure, wall must rotate about base, with top lateral movements 0.002 H to 0.004 H, where H is wall height. For passive earth pressure, wall must move horizontally to mobilize resistance.
2. Uniform, horizontal backfill, compacted to at least 95% of the ASTM D 698 maximum dry density, rendering a maximum unit weight of 130 pcf (native gravels), 135 pcf (structural fill), 110 pcf (clay)
3. Uniform surcharge, where S is surcharge pressure.
4. Loading from heavy compaction equipment is not included.
5. No safety factor is included in these values.
6. To achieve "Unsaturated" conditions, follow guidelines in **Subsurface Drainage for Below-Grade Walls** below. "Submerged" conditions are recommended when drainage behind walls is not incorporated into the design.

Backfill placed against structures should consist of granular soils or low plasticity cohesive soils. For the granular values to be valid, the granular backfill must extend out and up from the base of the wall at an angle of at least 45 and 60 degrees from vertical for the active and passive cases, respectively.

PAVEMENTS

General Pavement Comments

Pavement designs are provided for the traffic conditions and pavement life conditions as noted in **Project Description** and in the following sections of this report. A critical aspect of pavement performance is site preparation. Pavement designs noted in this section must be applied to the site which has been prepared as recommended in the **Earthwork** section. It is our understanding that pavement sections for the project will be utilized for patching of sewer utility installations, and that complete removal and replacement of the roadway is not anticipated at this time. We have performed the following analysis to verify that the likely replacement section, based on asphalt section thicknesses encountered during our subsurface exploration, will provide sufficient structural capacity for the traffic assumptions presented. It should be noted that in place asphalt surfacing thicknesses varied from 1 to 4 inches thick, with the average thickness on the order of 1.5 inches.

Pavement Design Parameters

Designs for minimum thicknesses for new pavement sections for this project have been based on the procedures outlined in the 1993 Guideline for Design of Pavement Structures by the American Association of State Highway and Transportation Officials (AASHTO-1993). Pavement design methods are intended to provide structural sections with adequate thickness over a particular subgrade such that wheel loads are reduced to a level the subgrade can support. The support characteristics of the subgrade for pavement design do not account for shrink/swell movements of subgrade soils. Thus, the pavement may be adequate from a structural standpoint, yet still experience cracking and deformation due to shrink/swell related movement of the subgrade.

For purposes of design analysis, based on our experience and results of our laboratory testing program, we have assumed the controlling subgrade of poorly graded gravel with sand to have a soaked California Bearing Ratio (CBR) value of 15 percent for the analysis discussed below. Please note that the CBR value and the surfacing section alternative provided assumes that the site subgrade soils are native silty gravel with sand and will be scarified and re-compacted to a minimum of 95 percent of the maximum dry density, as determined by ASTM D698 prior to placement of crushed base course, and that any subsequent subgrade improvements as recommended by our Geotechnical Engineer are affected.

We have assumed traffic will largely consist of passenger vehicles, with weekly light delivery vehicles/garbage trucks/school buses, and maintenance equipment (snow-removal), along with occasional tractor-trailer delivery vans also incorporated. Based on this assumption, an estimated 220,000 ESALs represent the design traffic intensity for the roadway pavements over a 20-year design period. Additionally, we have assumed a reliability of 80%, standard deviation of 0.45 and structural coefficients: a1=0.41 and a2=0.14.

Crushed Base Course should consist of a blend of sand and gravel which meets Montana Public Works Standard Specifications, 6th Edition, for quality and gradation. Crushed Base Course should be compacted to a minimum of 95 percent of the maximum dry density, as determined by ASTM D 698.

Pavement Section Thicknesses

The table presented below is based on design parameters selected by Terracon based on experience with similar projects and soil conditions it is recommended to provide asphalt repair sections and new pavement sections with the same thickness as shown in the following table. Design parameters may vary with the specific project and material source. Variation of these parameters may change the thickness of the asphalt surfacing and crushed base course sections presented:

Flexible Pavement Design			
Location	**Asphalt Surfacing Thickness (inches)**	**Crushed Base Course Thickness (inches)**	**Total Section Thickness (inches)**
Asphalt repair sections and new pavement section on properly prepared subgrade	3.5	6	9.5

1. ACP should conform to the Montana Public Works Specification 02510 “Asphalt Concrete Paving”, should utilize an asphalt cement binder grade of PG58-22, and should use a Type A aggregate surfacing grading.
2. Crushed Base Course should conform to Montana Public Works Specification 02235 “Crushed Base Course”, based on the Table of Gradation for 1 1/2” minus product.

Pavement Drainage

Pavements should be sloped to provide rapid drainage of surface water. Water allowed to pond on or adjacent to the pavements could saturate the subgrade and contribute to premature pavement deterioration. In addition, the pavement subgrade should be graded to provide positive drainage within the granular base section. Appropriate sub-drainage or connection to a suitable daylight outlet should be provided to remove water from the granular subbase.

Pavement Maintenance

The pavement sections represent minimum recommended thicknesses and, as such, periodic maintenance should be anticipated. Therefore, preventive maintenance should be planned and provided for through an on-going pavement management program. Maintenance activities are intended to slow the rate of pavement deterioration and to preserve the pavement investment. Maintenance consists of both localized maintenance (e.g., crack and joint sealing and patching) and global maintenance (e.g., surface sealing). Preventive maintenance is usually the priority when implementing a pavement maintenance program. Additional engineering observation is recommended to determine the type and extent of a cost-effective program. Even with periodic maintenance, some movements and related cracking may still occur and repairs may be required.

CORROSIVITY

The table below lists the results of laboratory soluble sulfate, soluble chloride, minimum electrical resistivity, and pH testing. The values may be used to estimate potential corrosive characteristics of the on-site soils with respect to contact with the various underground materials which will be

used for project construction.

Boring	Sample Depth (feet)	Soil Description	Soluble Sulfate Content (%)	Minimum Electrical Resistivity (Ω-cm)	pH
B-12	6 – 6.8	Sandy Silt	0.001	1900	7.5
B-29	10 – 11.5	Silty Gravel with Sand	.002	1800	7.9
LS-1 (Lift Station)	10 - 11.5	Silty Gravel with Sand	.003	5300	8.0
L-2 (lagoon)	5 - 6.5	Fat Clay (Fill)	--	1600	--
L-2 (lagoon)	24 – 25	Poorly Graded Gravel with Silt and Sand	.004	2400	7.9
TP-1	2 – 10	Silty, Clayey Gravel with Sand	.0035	2800	7.9

Results of soluble sulfate testing indicate samples of the on-site soils tested possess negligible sulfate concentrations when classified in accordance with Table 4.3.1 of the ACI Design Manual. Concrete should be designed in accordance with the provisions of the ACI Design Manual, Section 318, Chapter 4. To improve sulfate resistance of concrete in severe sulfate exposure when Type V cement is not available, the following should be considered:

- Concrete mixture should contain at least 20% Class F fly ash.
- Provide air-entrainment of 4% to 7% by volume.
- Lower the water to cement ratio to 0.4 to 0.45.

GENERAL COMMENTS

Our analysis and opinions are based upon our understanding of the project, the geotechnical conditions in the area, and the data obtained from our site exploration. Natural variations will occur between exploration point locations or due to the modifying effects of construction or weather. The nature and extent of such variations may not become evident until during or after construction. Terracon should be retained as the Geotechnical Engineer, where noted in this report, to provide observation and testing services during pertinent construction phases. If variations appear, we can provide further evaluation and supplemental recommendations. If variations are noted in the absence of our observation and testing services on-site, we should be immediately notified so that we can provide evaluation and supplemental recommendations.

Our Scope of Services does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Our services and any correspondence or collaboration through this system are intended for the sole benefit and exclusive use of our client for specific application to the project discussed and are accomplished in accordance with generally accepted geotechnical engineering practices with no third-party beneficiaries intended. Any third-party access to services or correspondence is solely for information purposes to support the services provided by Terracon to our client. Reliance upon the services and any work product is limited to our client, and is not intended for third parties. Any use or reliance of the provided information by third parties is done solely at their own risk. No warranties, either express or implied, are intended or made.

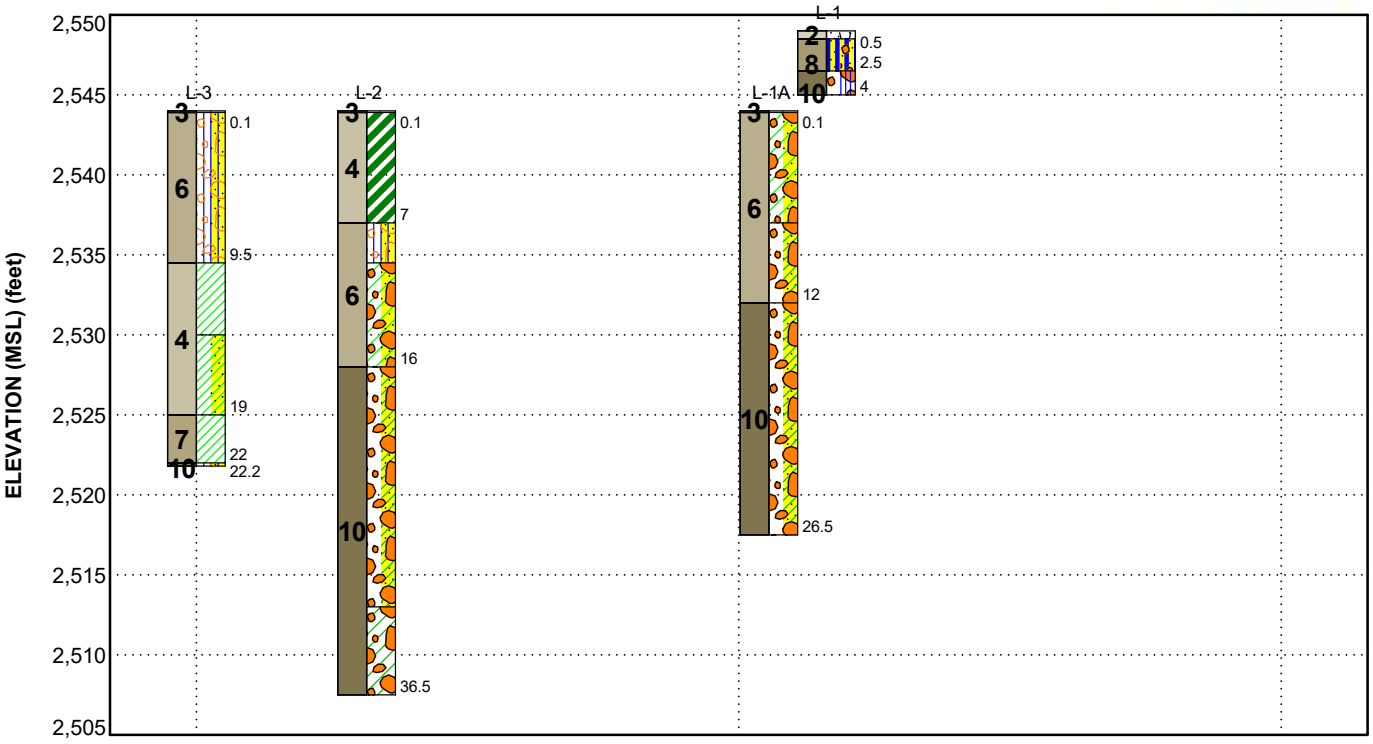
Site characteristics as provided are for design purposes and not to estimate excavation cost. Any use of our report in that regard is done at the sole risk of the excavating cost estimator as there may be variations on the site that are not apparent in the data that could significantly impact excavation cost. Any parties charged with estimating excavation costs should seek their own site characterization for specific purposes to obtain the specific level of detail necessary for costing. Site safety, and cost estimating including, excavation support, and dewatering requirements/design are the responsibility of others. If changes in the nature, design, or location of the project are planned, our conclusions and recommendations shall not be considered valid unless we review the changes and either verify or modify our conclusions in writing.

FIGURES

Contents:

GEOMODEL 1

Thompson Falls Sewer Collection System ■ Thompson Falls, MT
Terracon Project No. C4195054



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Asphalt
2	Surface	Topsoil
3	FILL	FILL; Aggregate Base Course
4	FILL	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
5	FILL	FILL; Silt, brown/dark brown, medium dense
6	FILL	FILL; Poorly Graded Gravels with varying amounts of silts, sands, and clays, some cobbles, occasional boulder, medium dense to very dense
7	Lean Clay	Trace scattered gravels and sands, very stiff
8	Silt	Vary amounts of sand and gravel, occasional cobble, medium dense
9	Silty Sand	Varying amounts of scattered gravels and cobbles, occasional boulder, loose to very dense
10	Poorly Graded Gravels	Varying amounts of clays, silts, and sands; few cobbles, occasional boulders, medium dense to very dense, varying amounts of oxidation.

LEGEND

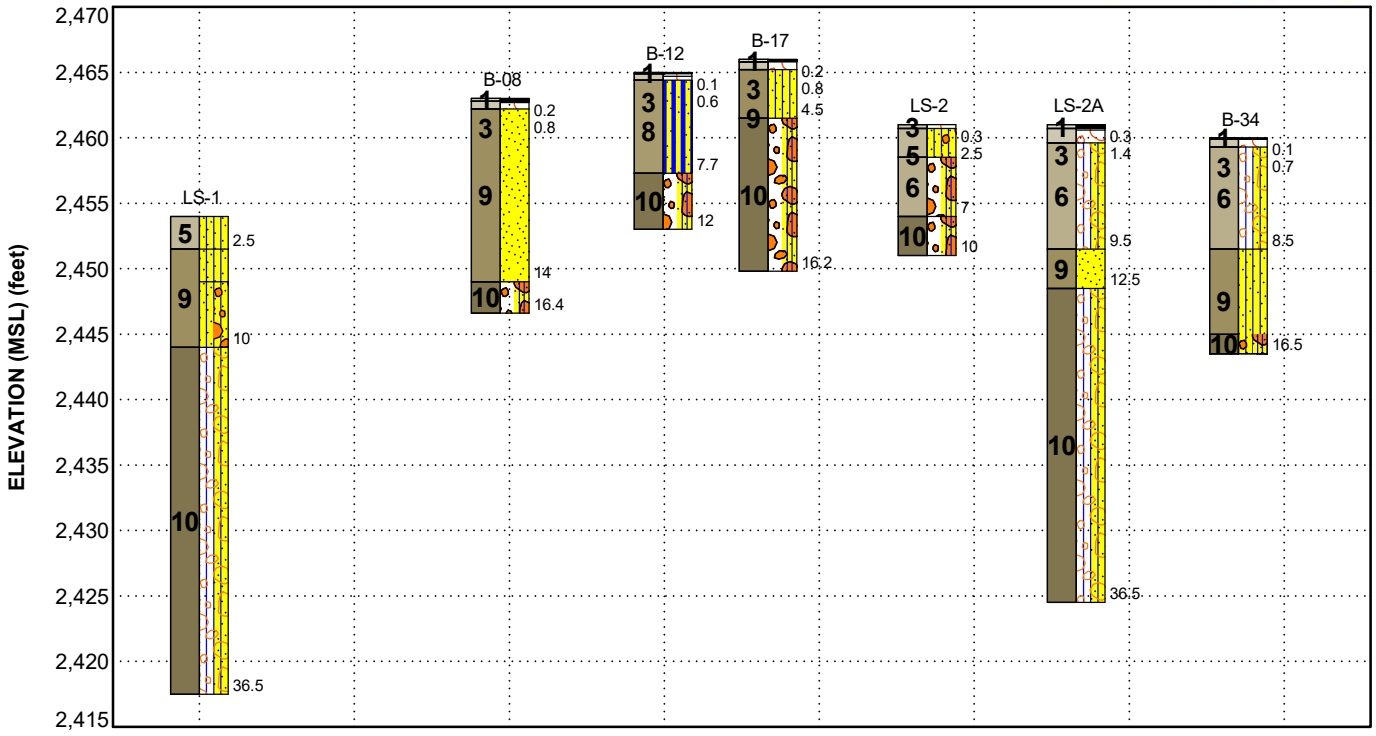
- Topsoil
- Poorly-graded Gravel with Silt
- Clayey Gravel with Sand
- Fat Clay
- Clayey Gravel
- Lean Clay with Sand
- Sandy Silt with Gravel
- Aggregate Base Course
- Poorly-graded Gravel with Clay and Sand
- Silty Gravel with Sand
- Lean Clay

NOTES:

Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.

GEOMODEL 2

Thompson Falls Sewer Collection System ■ Thompson Falls, MT
Terracon Project No. C4195054



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Asphalt
2	Surface	Topsoil
3	FILL	FILL; Aggregate Base Course
4	FILL	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
5	FILL	FILL; Silt, brown/dark brown, medium dense
6	FILL	FILL; Poorly Graded Gravels with varying amounts of silts, sands, and clays, some cobbles, occasional boulder, medium dense to very dense
7	Lean Clay	Trace scattered gravels and sands, very stiff
8	Silt	Vary amounts of sand and gravel, occasional cobble, medium dense
9	Silty Sand	Varying amounts of scattered gravels and cobbles, occasional boulder, loose to very dense
10	Poorly Graded Gravels	Varying amounts of clays, silts, and sands; few cobbles, occasional boulders, medium dense to very dense, varying amounts of oxidation.

LEGEND

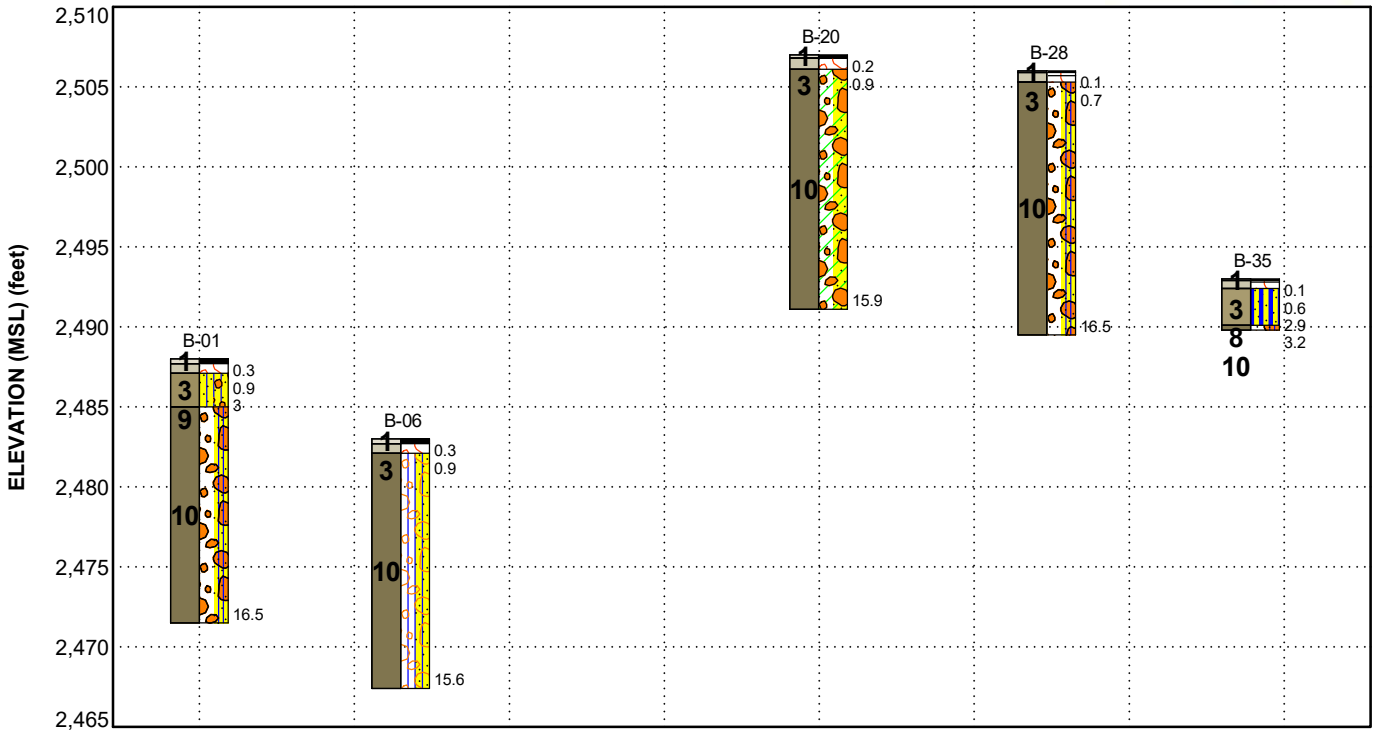
- Asphalt
- Aggregate Base Course
- Poorly-graded Sand
- Poorly-graded Gravel with Silt and Sand
- Sandy Silt
- Silty Sand
- Silty Gravel with Sand
- Silty Sand with Gravel

NOTES:

Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.

GEOMODEL 3

Thompson Falls Sewer Collection System ■ Thompson Falls, MT
Terracon Project No. C4195054



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Asphalt
2	Surface	Topsoil
3	FILL	FILL; Aggregate Base Course
4	FILL	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
5	FILL	FILL; Silt, brown/dark brown, medium dense
6	FILL	FILL; Poorly Graded Gravels with varying amounts of silts, sands, and clays, some cobbles, occasional boulder, medium dense to very dense
7	Lean Clay	Trace scattered gravels and sands, very stiff
8	Silt	Vary amounts of sand and gravel, occasional cobble, medium dense
9	Silty Sand	Varying amounts of scattered gravels and cobbles, occasional boulder, loose to very dense
10	Poorly Graded Gravels	Varying amounts of clays, silts, and sands; few cobbles, occasional boulders, medium dense to very dense, varying amounts of oxidation.

LEGEND

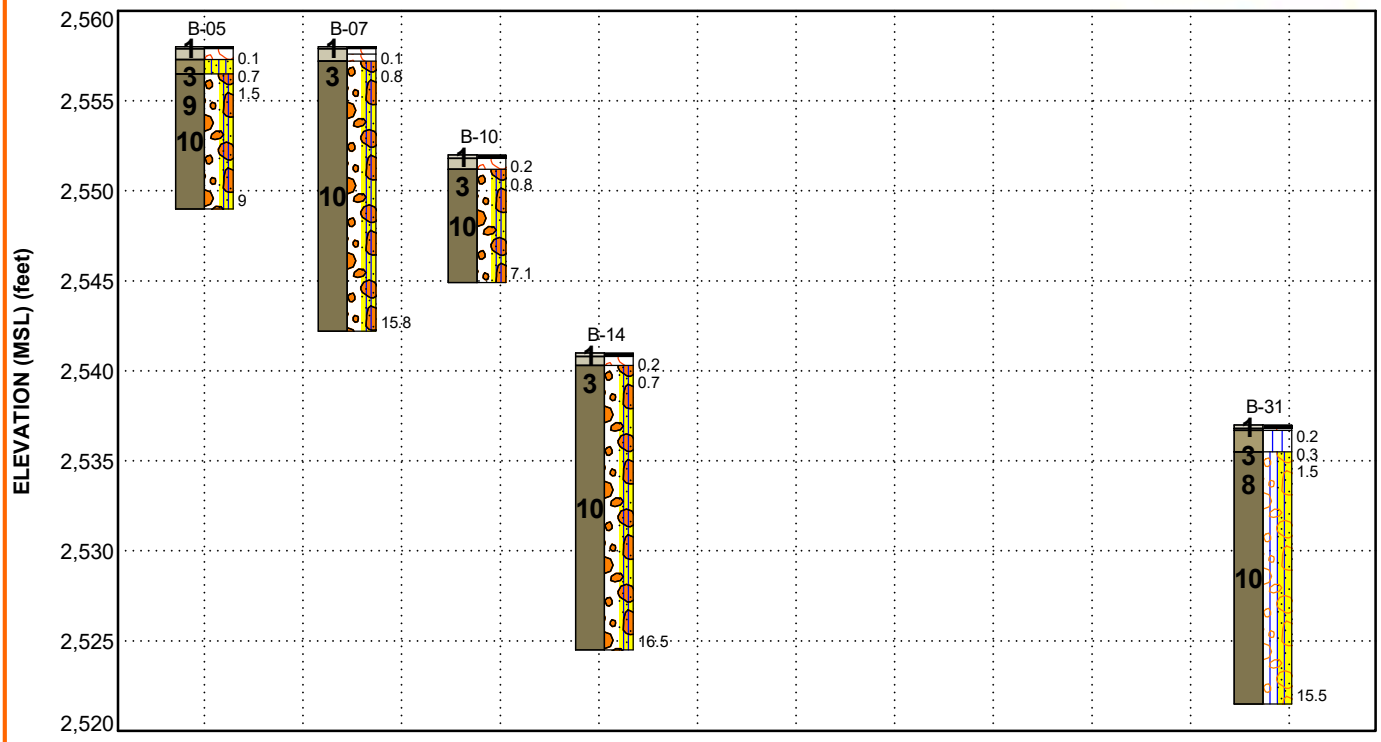
- Asphalt
- Aggregate Base Course
- Silty Sand with Gravel
- Poorly-graded Gravel with Silt and Sand
- Silty Gravel with Sand
- Clayey Gravel with Sand
- Sandy Silt

NOTES:

Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.

GEOMODEL 4

Thompson Falls Sewer Collection System ■ Thompson Falls, MT
Terracon Project No. C4195054



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Asphalt
2	Surface	Topsoil
3	FILL	FILL; Aggregate Base Course
4	FILL	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
5	FILL	FILL; Silt, brown/dark brown, medium dense
6	FILL	FILL; Poorly Graded Gravels with varying amounts of silts, sands, and clays, some cobbles, occasional boulder, medium dense to very dense
7	Lean Clay	Trace scattered gravels and sands, very stiff
8	Silt	Vary amounts of sand and gravel, occasional cobble, medium dense
9	Silty Sand	Varying amounts of scattered gravels and cobbles, occasional boulder, loose to very dense
10	Poorly Graded Gravels	Varying amounts of clays, silts, and sands; few cobbles, occasional boulders, medium dense to very dense, varying amounts of oxidation.

LEGEND

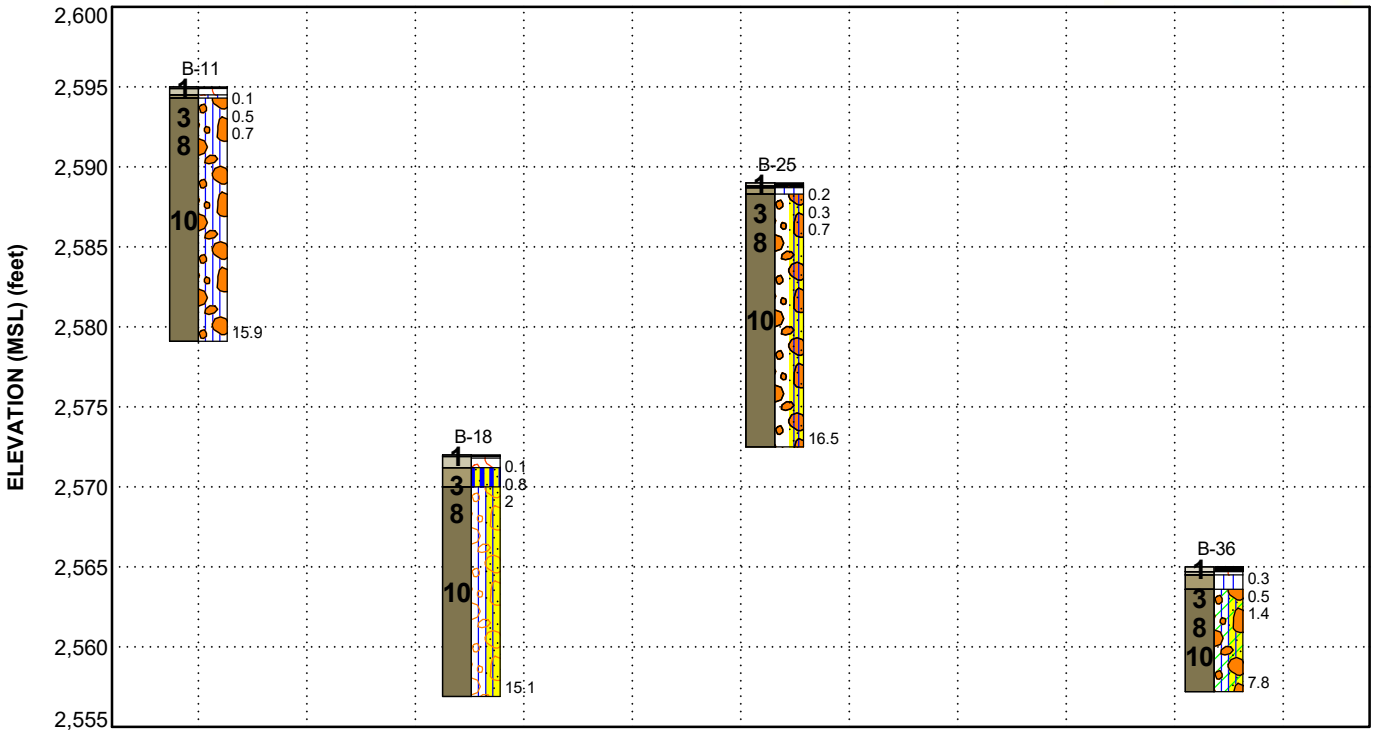
- Asphalt
- Silty Sand
- Silt
- Aggregate Base Course
- Poorly-graded Gravel with Silt and Sand
- Silty Gravel with Sand

NOTES:

Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.

GEOMODEL 5

Thompson Falls Sewer Collection System ■ Thompson Falls, MT
Terracon Project No. C4195054



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Asphalt
2	Surface	Topsoil
3	FILL	FILL; Aggregate Base Course
4	FILL	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
5	FILL	FILL; Silt, brown/dark brown, medium dense
6	FILL	FILL; Poorly Graded Gravels with varying amounts of silts, sands, and clays, some cobbles, occasional boulder, medium dense to very dense
7	Lean Clay	Trace scattered gravels and sands, very stiff
8	Silt	Vary amounts of sand and gravel, occasional cobble, medium dense
9	Silty Sand	Varying amounts of scattered gravels and cobbles, occasional boulder, loose to very dense
10	Poorly Graded Gravels	Varying amounts of clays, silts, and sands; few cobbles, occasional boulders, medium dense to very dense, varying amounts of oxidation.

LEGEND

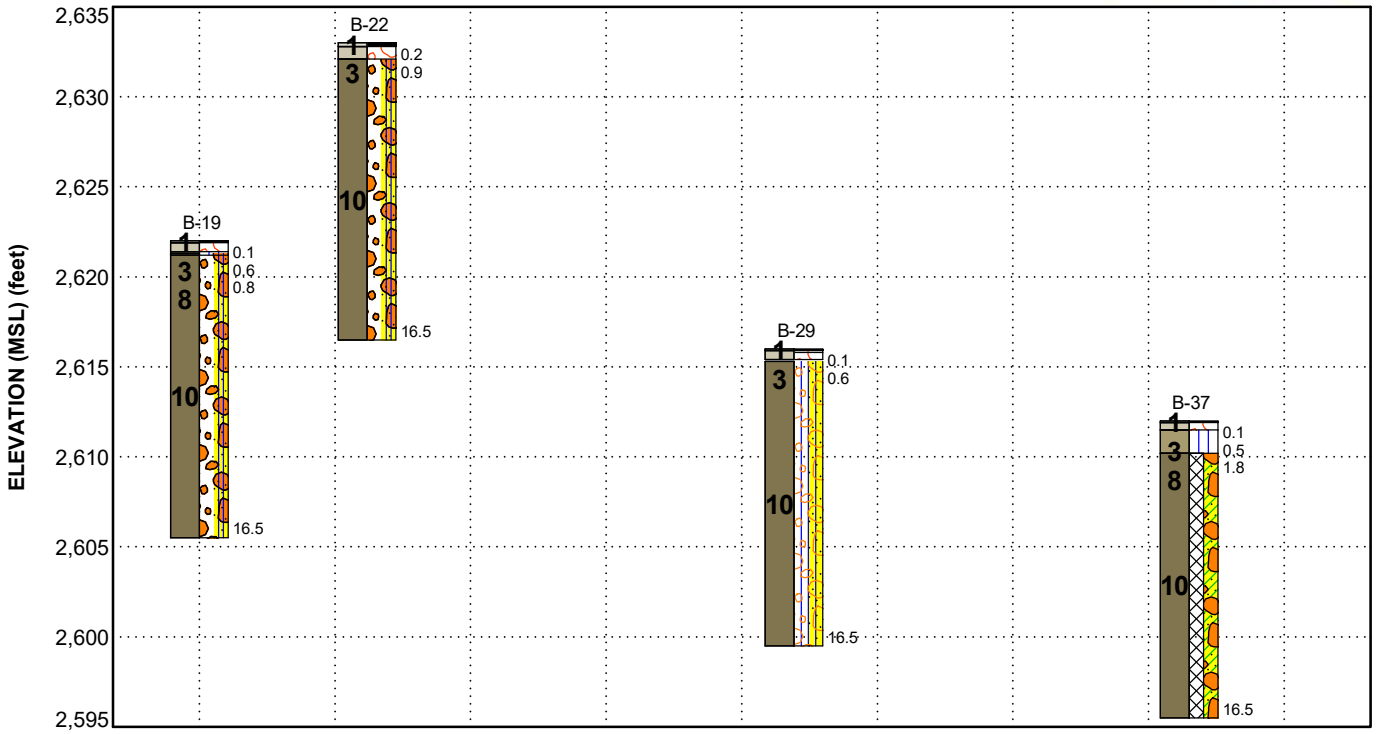
- Asphalt
- Aggregate Base Course
- Silt
- Silty Gravel
- Sandy Silt
- Silty Gravel with Sand
- Poorly-graded Gravel with Silt and Sand
- Silty Clayey Gravel with Sand

NOTES:

Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.

GEOMODEL 6

Thompson Falls Sewer Collection System ■ Thompson Falls, MT
Terracon Project No. C4195054



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Asphalt
2	Surface	Topsoil
3	FILL	FILL; Aggregate Base Course
4	FILL	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
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6	FILL	FILL; Poorly Graded Gravels with varying amounts of silts, sands, and clays, some cobbles, occasional boulder, medium dense to very dense
7	Lean Clay	Trace scattered gravels and sands, very stiff
8	Silt	Vary amounts of sand and gravel, occasional cobble, medium dense
9	Silty Sand	Varying amounts of scattered gravels and cobbles, occasional boulder, loose to very dense
10	Poorly Graded Gravels	Varying amounts of clays, silts, and sands; few cobbles, occasional boulders, medium dense to very dense, varying amounts of oxidation.

LEGEND

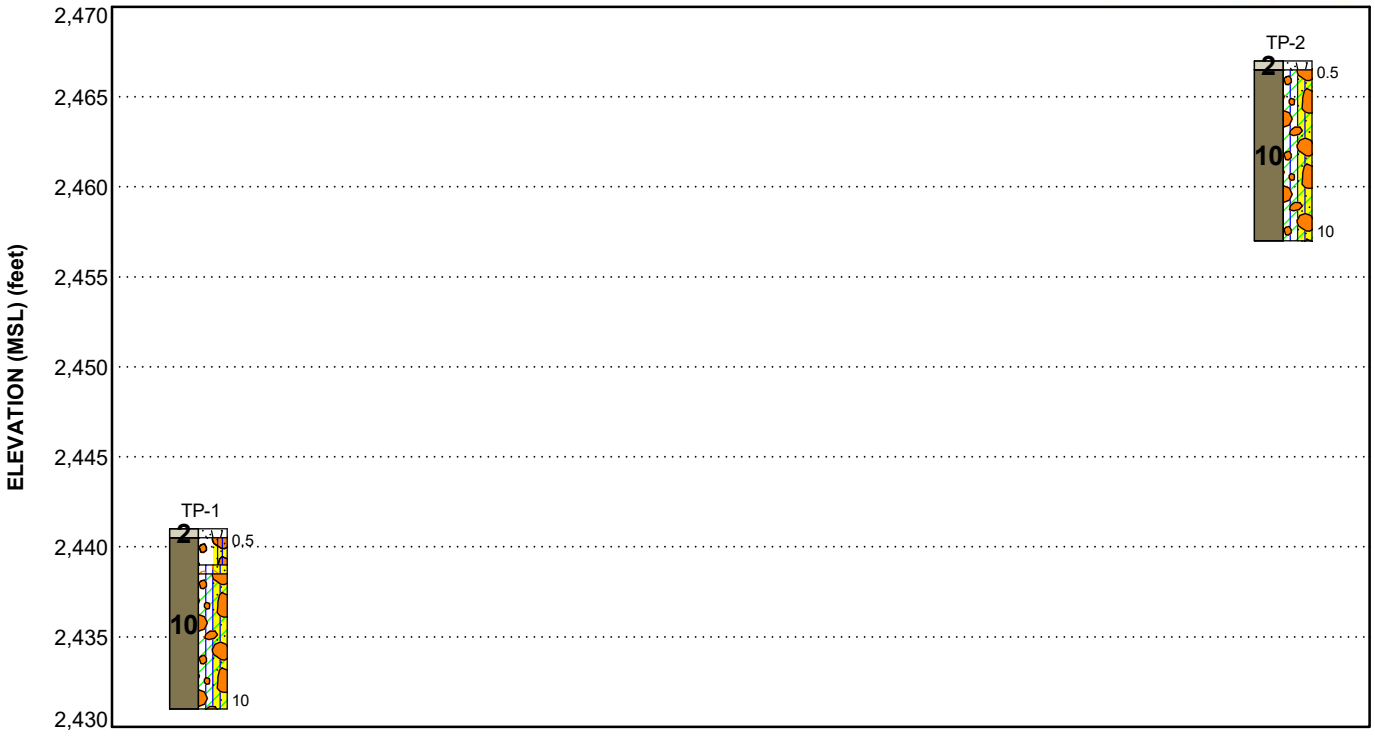
- Asphalt
- Silt
- Silty Gravel with Sand
- Aggregate Base Course
- Poorly-graded Gravel with Silt and Sand
- Poorly-graded Gravel with Clay and Sand

NOTES:

Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.

GEOMODEL 7

Thompson Falls Sewer Collection System ■ Thompson Falls, MT
Terracon Project No. C4195054



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Asphalt
2	Surface	Topsoil
3	FILL	FILL; Aggregate Base Course
4	FILL	FILL; Lean/Fat Clay, trace gravels, tannish brown/gray, medium stiff to very stiff
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LEGEND

Topsoil
Poorly-graded Gravel with Silt and Sand
Silty Gravel with Sand
Silty Clayey Gravel with Sand

NOTES:

Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.

ATTACHMENTS

EXPLORATION AND TESTING PROCEDURES

Field Exploration

Number of Borings	Boring Depth (feet) [1]	Planned Location
3	36.5	Lift Stations
4	22 to 36.5	Three structures, including a polishing reactor structure at the existing treatment lagoons
22	3.2 to 16.5	Sewer collection piping system throughout project area

1. Below ground surface.

Additional Field Exploration	Description	Planned Location
(2) Test Pits	Excavated to 10 feet deep	HDD Crossing near Lagoon access road to the north of Preston Ave. and near Maiden Lane south of Main St.
Geophysical Testing	7 lines of geophone placement throughout project area	Near locations; L-3, HDD Crossing, B-36, B-10, B-08, LS-2A, and B-01

Boring Layout and Elevations: We used handheld GPS equipment to locate borings with an estimated horizontal accuracy of +/-20 feet. Field measurements from existing site features were utilized during drilling. Approximate elevations were obtained by survey data provided by Great West or referenced from existing topography data on Google Earth.

Subsurface Exploration Procedures: We advanced borings with truck-mounted drill rigs owned and operated by Environmental West Exploration on the dates of January 8th to 13th, 2020 and Boland Drilling on the dates of December 16th and 17th, 2019 using continuous flight augers (hollow stem) or with a tubex drilling system depending on subsurface conditions during drilling. In general, four samples were obtained in the upper 10 feet of each boring and at intervals of 5 feet thereafter. Soil sampling was typically performed using split-barrel sampling procedures, along with grab sample collection of tubex air cuttings. The split-barrel samplers are driven in accordance with the standard penetration test (SPT). The samples were placed in appropriate containers, taken to our soil laboratory for testing, and classified by a Geotechnical Engineer.

Our exploration team, directed and supervised by our field engineer prepared field boring logs as part of standard drilling operations including sampling depths, penetration distances, and other relevant sampling information, along with prepared field test pit logs. Field logs include visual

classifications of materials encountered during drilling, and our interpretation of subsurface conditions between samples. Final boring and test pit logs, prepared from field logs, represent the Geotechnical Engineer's interpretation, and include modifications based on observations and laboratory tests.

We backfilled borings with auger cuttings upon completion and patched pavements with cold-mix asphalt as necessary. Excess auger cuttings were dispersed in the general vicinity of the borehole.

Additional Testing: A 2-day Geophysical study was performed, along with the observation of the excavation of two test pits shown in the **Photography Log** for a proposed HDD crossing located near the Lagoon access road to the north of Preston Ave. and near Maiden Lane south of Main St. The Geophysical study was performed at several locations throughout the project site to provide supplemental data (specifically shear wave and p-wave) in association with the soil profile data found at the previous drilled borings. Geophysical testing was completed at these locations: L-3, HDD Crossing, B-36, B-10, B-8, LS-2A, and B-1. Two test pits were excavated to 10 feet at both the south and north end of the HDD crossing. See Exploration Plan and Exploration Results for locations and further information.

Laboratory Testing

Samples obtained during the field exploration were transferred to the laboratory and visually classified in general accordance with the Unified Soil Classification System described in **Exploration Results**. Representative samples were selected for testing to determine physical and engineering properties of the subsurface materials. Following are the laboratory tests conducted:

- ASTM D2216 Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil by Mass
- ASTM D4318 Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
- ASTM D422 Standard Test Method for Particle-Size Analysis of Soils
- ASTM D698 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort
- ASTM D1883 Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils
- AASHTO T288-92 Chemical Analysis –Electrical Resistivity, pH, Sulfates,

The laboratory testing program included examination of soil samples by an engineer. Based on the material's texture and plasticity, we described and classified the soil samples in accordance with the Unified Soil Classification System.

PHOTOGRAPHY LOG

Test Pit (TP-2)

Test Pit (TP-2)

SITE LOCATION AND EXPLORATION PLANS

Contents:

Site Location Plan
Exploration Plan and Geophysical Lines (5 pages)

Note: All attachments are one page unless noted above.

SITE LOCATION

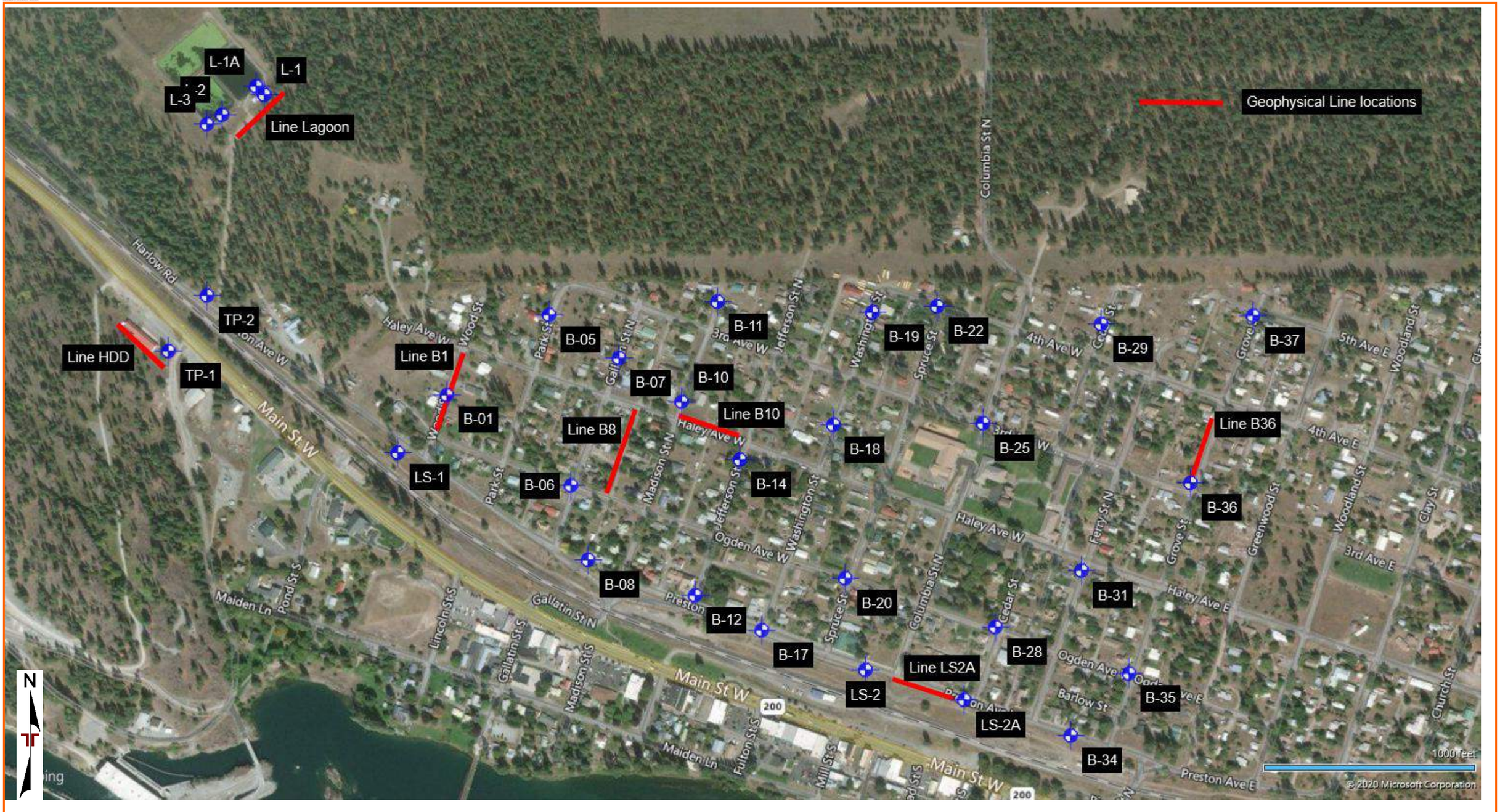
Sewer Collection System ■ Thompson Falls, Montana
April 3, 2020 ■ Terracon Project No. C4195054

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

EXPLORATION PLAN AND GEOPHYSICAL LINES SHEET 1
Sewer Collection System ■ Thompson Falls, Montana
April 3, 2020 ■ Terracon Project No. C4195054

Terracon GeoReport



EXPLORATION PLAN SHEET 2

Sewer Collection System ■ Thompson Falls, Montana
April 3, 2020 ■ Terracon Project No. C4195054

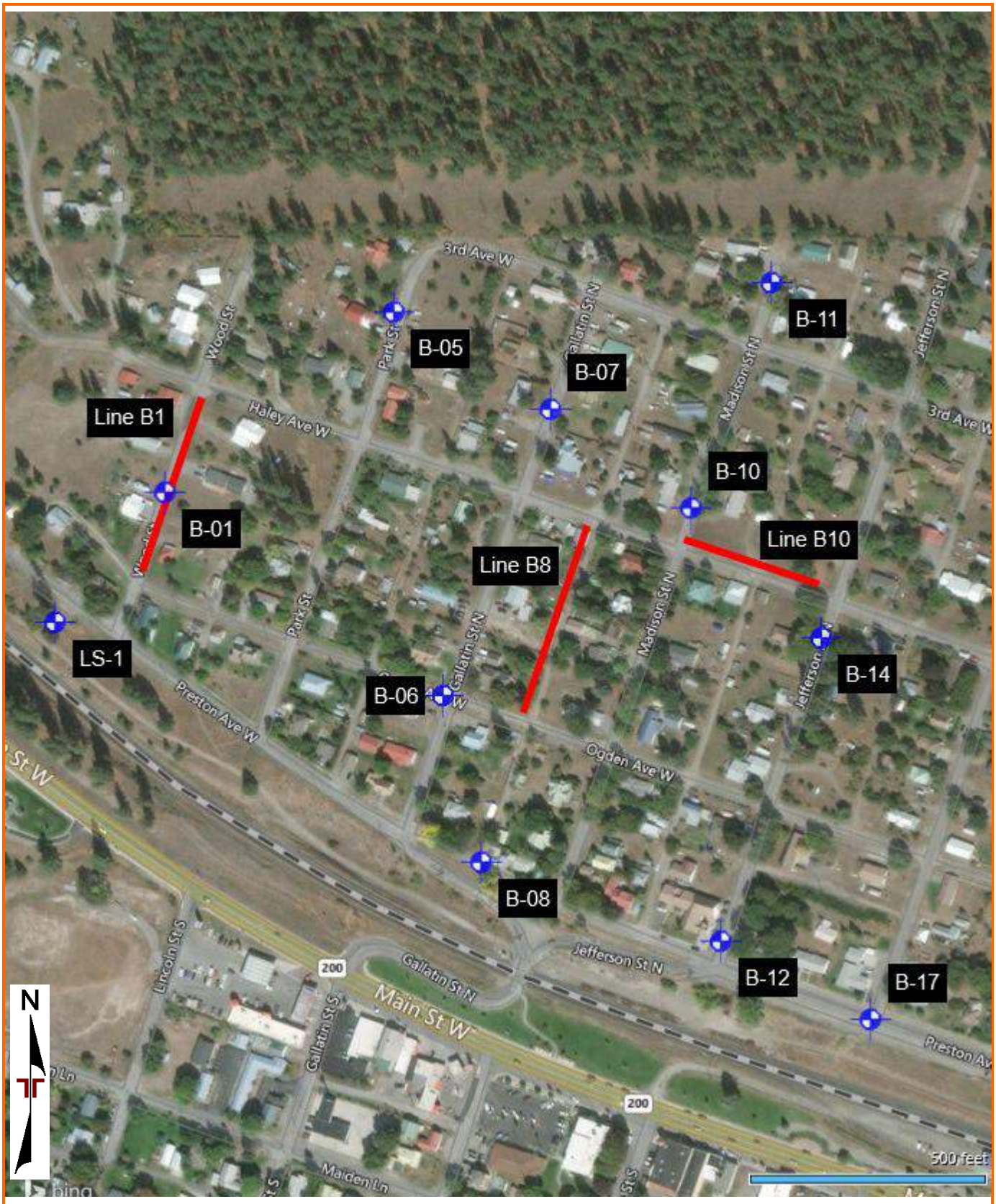


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

EXPLORATION PLAN SHEET 3

Sewer Collection System ■ Thompson Falls, Montana
April 3, 2020 ■ Terracon Project No. C4195054

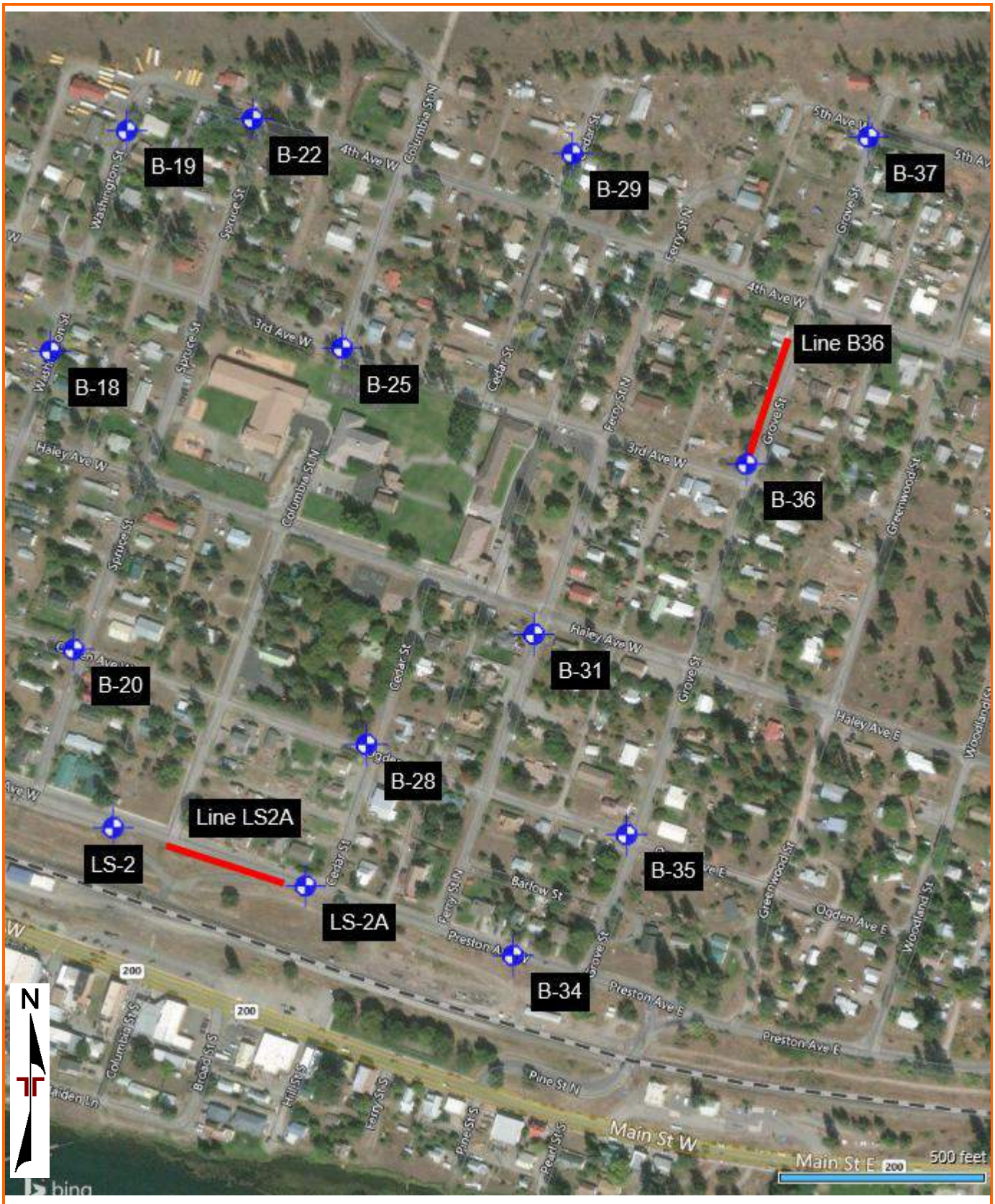


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

EXPLORATION PLAN SHEET 4

Sewer Collection System ■ Thompson Falls, Montana
April 3, 2020 ■ Terracon Project No. C4195054

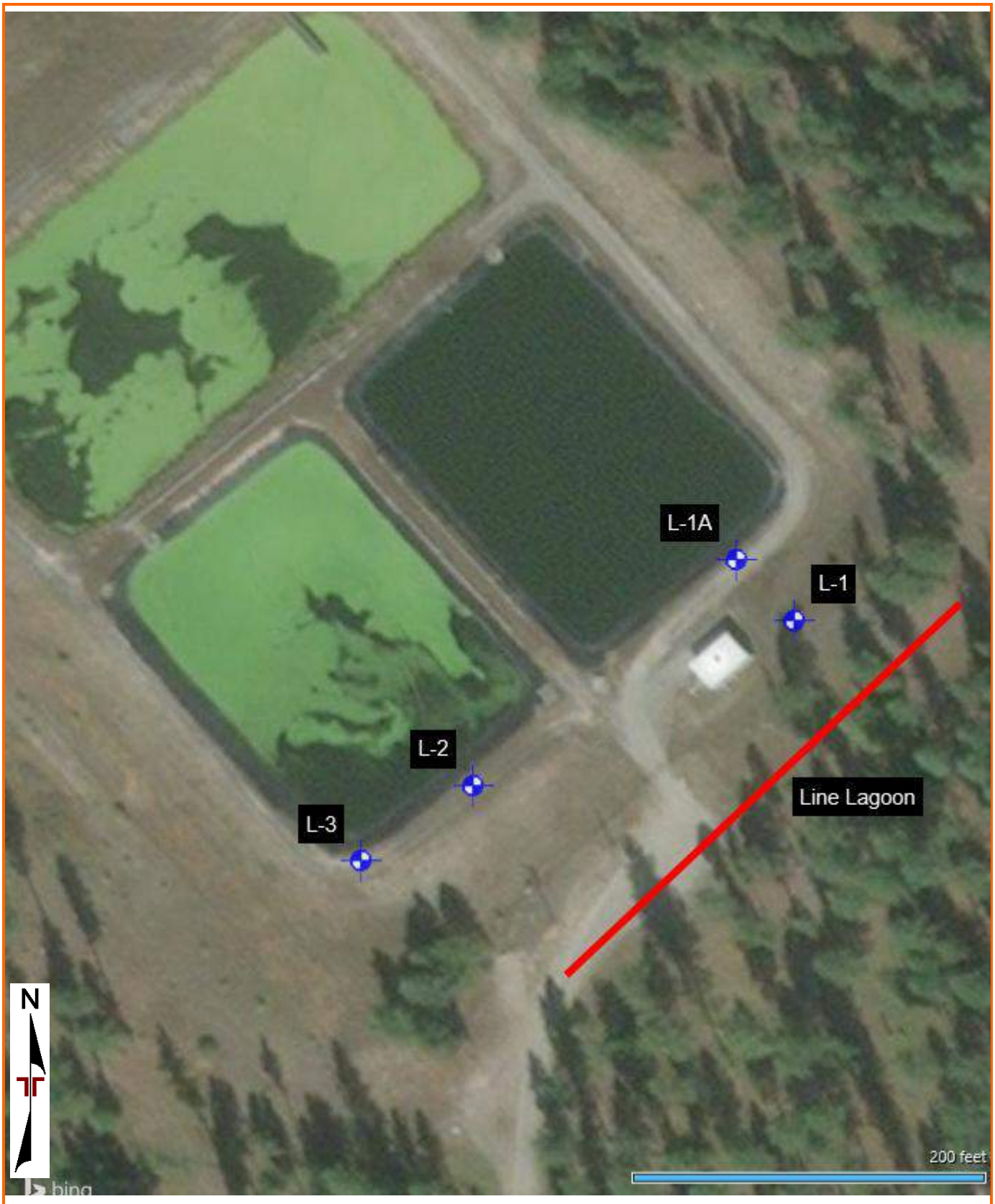


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

EXPLORATION PLAN SHEET 5

Sewer Collection System ■ Thompson Falls, Montana
April 3, 2020 ■ Terracon Project No. C4195054

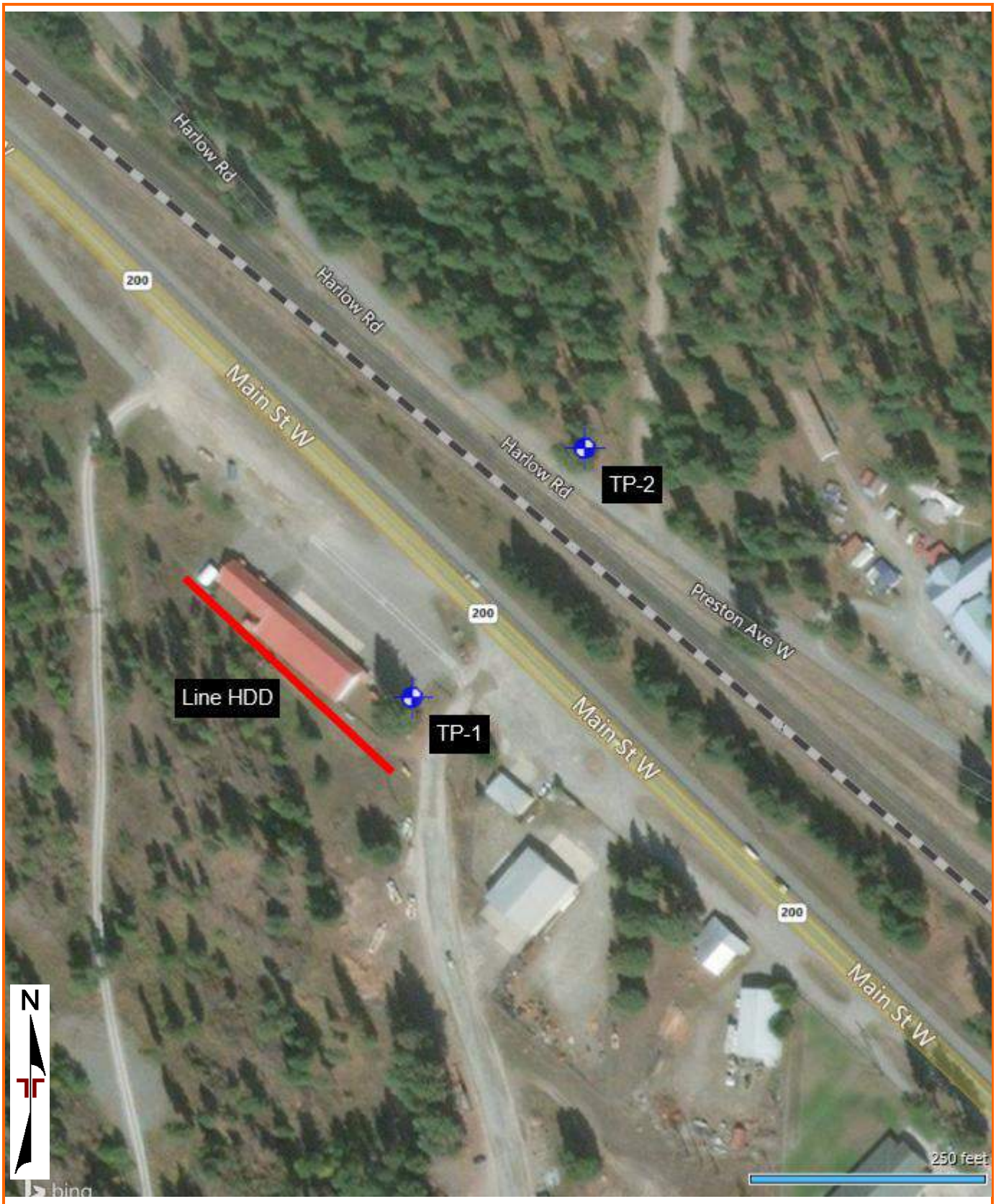


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

EXPLORATION RESULTS

Contents:

Note: All attachments are one page unless noted above.

BORING LOG NO. B-01

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5987° Longitude: -115.3541°

Approximate Surface Elev.: 2488 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.3	2487.5+/-										
3		0.9	2487+/-				6-3-2 N=5				12		
9													
		3.0	2485+/-				7-50/4"						
							50/1"						
				5			47-50/5"				9		
							26-37-50				4		
10													
				10			50/4"				2		
				15			17-28-29 N=57				3		
		16.5	2471.5+/-										

ASPHALT, 3.5" thick

AGGREGATE BASE COURSE, 6" thick

SILTY SAND WITH GRAVEL (SM), brown, medium dense, scattered gravels, very dense to hard

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown to light brown, medium dense to dense, trace oxidation, increasing cobbles with depth, some clay, sub-round gravels

grading to Poorly Graded Gravel with Sand, decreasing silt

Boring Terminated at 16.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.
Initial drilling attempts with a B59 Foremost Mobile on 12-16-19 resulted in auger refusal at 4.1 feet

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

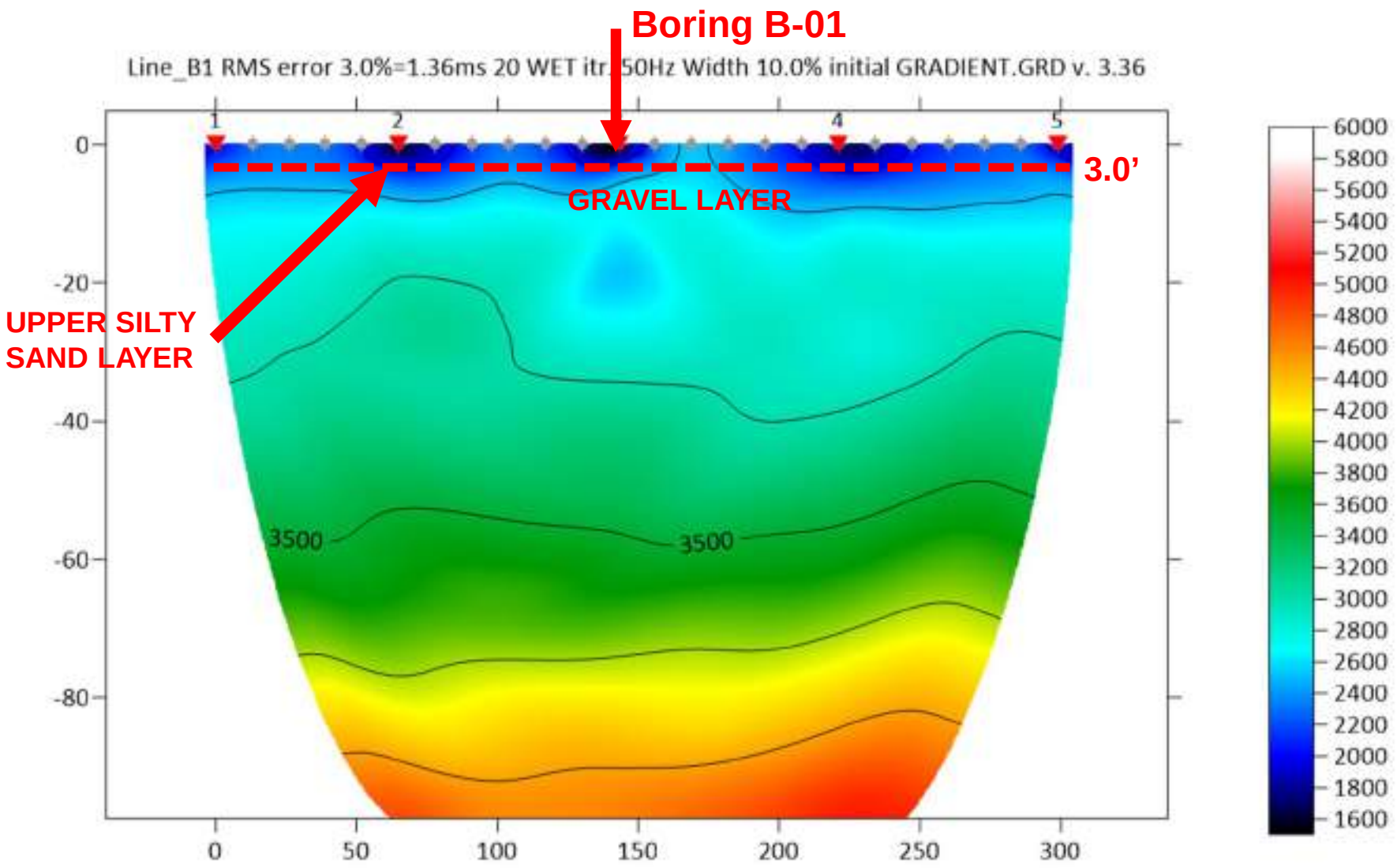
Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-08-2020 | Boring Completed: 01-08-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054



Project Manager: JAP	Project No. C4195054	Terracon Consulting Engineers & Scientists	P-WAVE GEOPHYSICAL RESULTS AT BORING B-01
Drawn by: BJW	Scale: N.T.S.	1392 13th Ave SW Great Falls, Montana 59404	THOMPSON FALLS SEWER COLLECTION SYSTEM
Checked by: MDH	File Name:	PH. (406) 453-5400 FAX. (406) 761-5555	THOMPSON FALLS, MONTANA
Approved by: MDH	Date: 04/01/2020		Exhibit G-1

BORING LOG NO. B-05

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5997° Longitude: -115.3521°

Approximate Surface Elev.: 2558 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.1	2558+/-										
3		0.7	2557.5+/-										
9		1.5	2556.5+/-				5-11-12 N=23				8		
							8-9-8 N=17				12		
10				5			13-16-15 N=31				19		
							16-13-20 N=33				1		
		9.0	2549+/-										

ASPHALT, 1.5 inches thick

AGGREGATE BASE COURSE, 7 inches thick

SILTY SAND (SM), brown, medium dense, some scattered gravels

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown to light brown, medium dense to dense, cobbles and boulders, some oxidation, heavy grinding, auger refusal at 4.0

shallow silt zone with less gravels

continued with ODEX driling system

SSS hammering at angles due to cobbles/boulders

Odex Refusal at 9 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Odex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 12-16-2019 | Boring Completed: 12-16-2019

Drill Rig: B59 Foremost Mobile | Driller: Kevin Lappe

Project No.: C4195054

BORING LOG NO. B-06

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5975° Longitude: -115.3517°

Approximate Surface Elev.: 2483 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.3	2482.5+/-										
3		0.9	2482+/-										
						X	34-26-50/5"				10		
				5									
						X	4-5-8 N=13				6		
10						X	7-10-50/1"				6		
				10									
						X	19-29-14 N=43				4		
				15		X	37-50/1"				2		
		15.6	2467.5+/-										

Boring Terminated at 15.6 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-08-2020 | Boring Completed: 01-08-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-07

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5991° Longitude: -115.3508°

Approximate Surface Elev.: 2558 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	MODEL LAYER	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
0.1	2558+/-	1											
0.4	2557.5+/-	3											
0.8	2557+/-												
10				5			16-26-24 N=50				5		
							8-50/2"						
							50/5"				2		
				10			48-24-50 N=74				1		
				15			44-50/4"				4		
15.8	2542+/-												

ASPHALT, 1-3/4" thick

AGGREGATE BASE COURSE, Asphaltic Basecourse (3" thick)

AGGREGATE BASE COURSE, 4-1/4" thick

POORLY GRADED GRAVEL WITH SILT AND SAND, brown and light brown, very dense, increasing cobbles with depth, sub-round gravels

boulder

Boring Terminated at 15.8 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-08-2020 | Boring Completed: 01-08-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-08

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5965° Longitude: -115.3514°

Approximate Surface Elev.: 2463 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.2	2463+/-										
3		0.3	2462.5+/-										
		0.8	2462+/-										
							3-4-4 N=8				3		
				5									
							3-3-4 N=7				2		
9													
							6-6-10 N=16				3		
				10									
							5-8-9 N=17				3		
				15									
10							18-38-50/5"				1		

ASPHALT, 2" thick

AGGREGATE BASE COURSE, 2" thick, Asphaltic Basecourse

AGGREGATE BASE COURSE, 5" thick

POORLY GRADED SAND (SP), light brown, loose to medium dense, few scattered gravels with incresing depth, fine sand

14.0 2449+/-

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown, very dense, some cobbles, sub-round gravels

16.4 2446.5+/-

Boring Terminated at 16.4 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

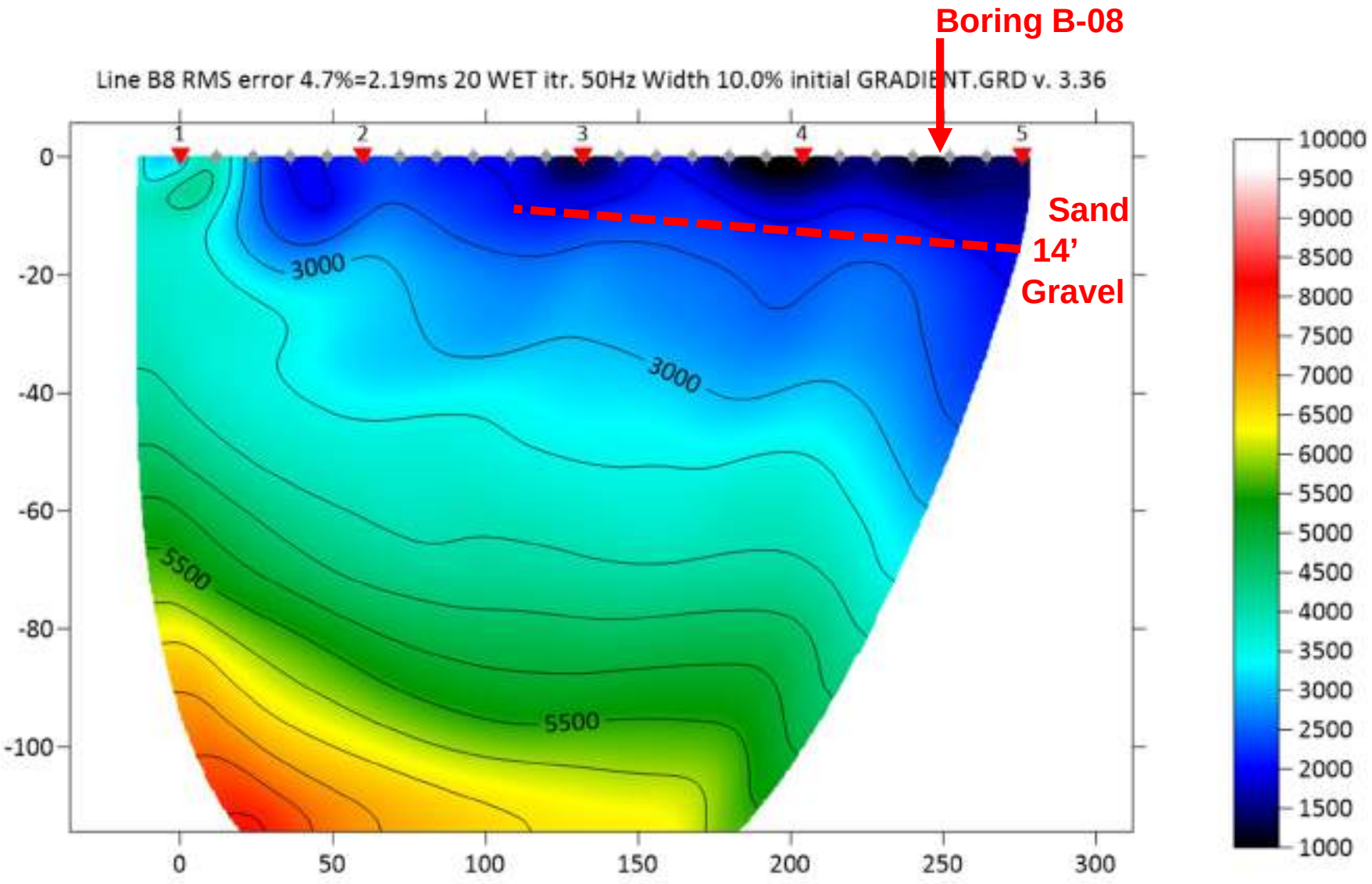
Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-08-2020 Boring Completed: 01-08-2020

Drill Rig: Mobile B-90 Driller: Brent Johnson with EWE

Project No.: C4195054



Project Manager: JAP	Project No. C4195054	Terracon Consulting Engineers & Scientists	P-WAVE GEOPHYSICAL RESULTS AT BORING B-08
Drawn by: BJW	Scale: N.T.S.	1392 !3th Ave SW Great Falls, Montana 59404	THOMPSON FALLS SEWER COLLECTION SYSTEM
Checked by: MDH	File Name:	PH. (406) 453-5400 FAX. (406) 761-5555	THOMPSON FALLS, MONTANA
Approved by: MDH	Date: 04/01/2020		Exhibit G-2

BORING LOG NO. B-10

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan
5 feet south
Latitude: 47.5986° Longitude: -115.3496°

Approximate Surface Elev.: 2552 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.2	2552+/-										
3		0.8	2551+/-										
10				5			15-22-50/4"				3		
							50/4"						
		7.1	2545+/-				50/1"						

ASPHALT, 2" thick, weathered aspahlt

AGGREGATE BASE COURSE, 6" thick

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), light brown and gray, very dense, few cobbles, sub-round gravels

tubex drilling very difficult and slow at 6.5 feet, no progress made at 7 feet, minimal air circulation

Tubex refusal at 7.1 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.
Second attempt (5 feet offset) with Tubex drilling system (air rotary) made no progress at 4 feet deep after 30 minutes of drilling (minimal air circulation)

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

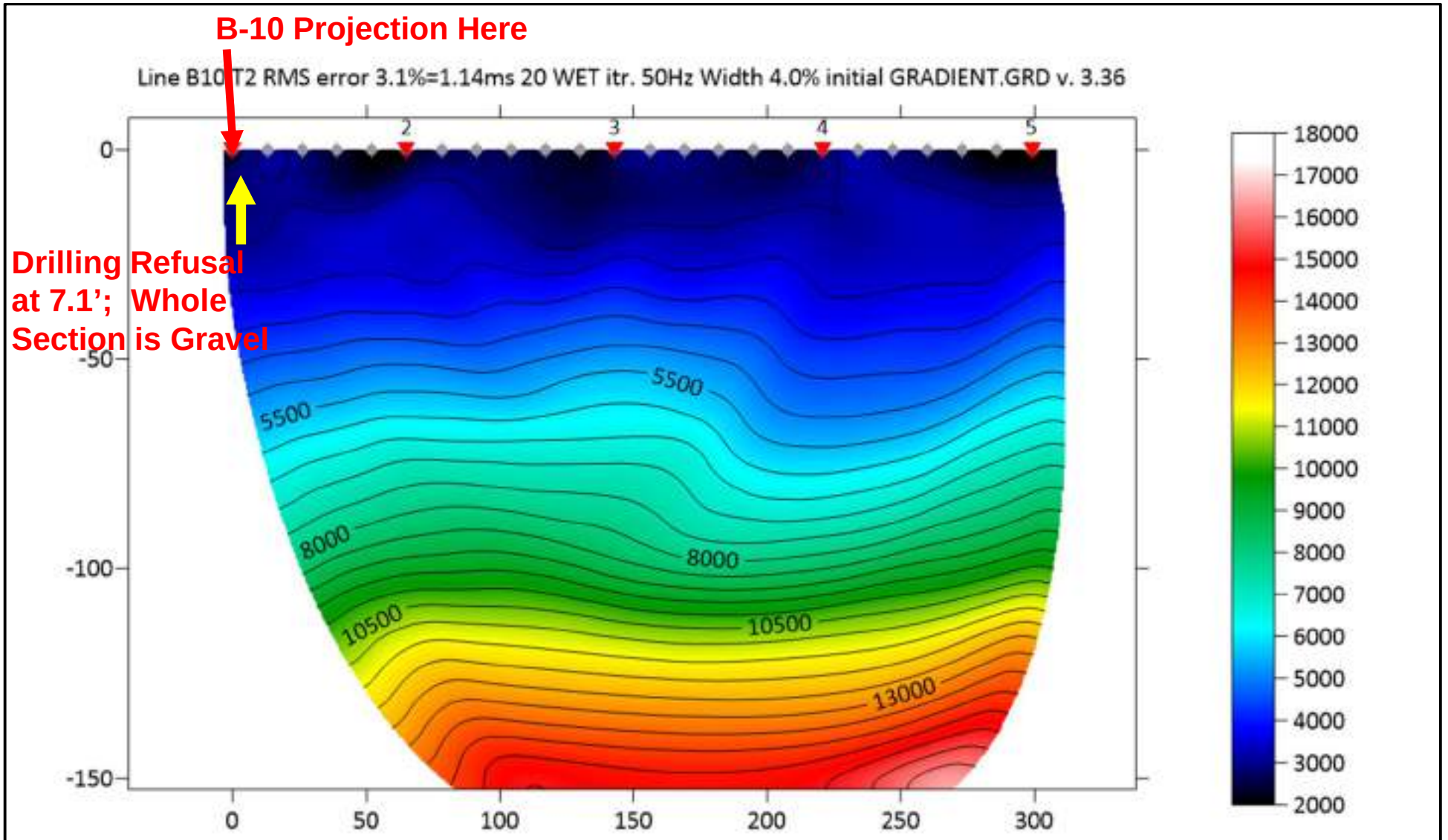
Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-09-2020 | Boring Completed: 01-09-2020
Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE
Project No.: C4195054



Project Manager: JAP	Project No. C4195054	Terracon Consulting Engineers & Scientists	P-WAVE GEOPHYSICAL RESULTS AT BORING B-10
Drawn by: BJW	Scale: N.T.S.	1392 13th Ave SW Great Falls, Montana 59404	THOMPSON FALLS SEWER COLLECTION SYSTEM
Checked by: MDH	File Name:	PH. (406) 453-5400 FAX. (406) 761-5555	THOMPSON FALLS, MONTANA
Approved by: MDH	Date: 04/01/2020		Exhibit G-3

BORING LOG NO. B-11

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5999° Longitude: -115.3489°

Approximate Surface Elev.: 2595 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1 3 8		0.1	2595+/-										
		0.5	2594.5+/-										
		0.7	2594.5+/-										
							20-9-26 N=35				5		
				5									
							50/0"						
10							18-19-20 N=39				6		
				10			26-31-34 N=65				6		
				15			27-50/5"				3		
		15.9	2579+/-										

ASPHALT, 1-3/4" thick, weathered aspahlt

AGGREGATE BASE COURSE, 4" thick

SILT, brown and dark brown, trace organics

SILTY GRAVEL (GM), brown and gray, few sands, cobbles increasing with depth, sub-round gravels

12 to 16" boulder

some oxidation

Boring Terminated at 15.9 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-09-2020 | Boring Completed: 01-09-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-12

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5961° Longitude: -115.3493°

Approximate Surface Elev.: 2465 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.1	2465+/-										
3		0.3	2464.5+/-										
		0.6	2464.5+/-										
8							2-4-7 N=11				20		
				5									
							12-13-19				19		NP
							9-11-29 N=40				17 6		
10		7.7	2457.5+/-										
				10			15-22-34 N=56				4		
		12.0	2453+/-										
							50/0"						

AGGREGATE BASE COURSE, Asphaltic Basecourse, 3" thick

AGGREGATE BASE COURSE, brown, 4" thick

SANDY SILT (ML), brown and dark brown, medium dense to dense, some organics decreasing with depth, very fine sand

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown and gray, very dense, some cobbles, sub-round gravels

Tubex refusal at 12 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.
Tubex drilling made no progress at 12.0 feet after 30 minutes of drilling (minimal air circulation)

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-09-2020 | Boring Completed: 01-09-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-14

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5978° Longitude: -115.3485°

Approximate Surface Elev.: 2541 (Ft.) +/-

DEPTH	ELEVATION (Ft.)
0.2	2541+/-
0.7	2540.5+/-
16.5	2524.5+/-

ASPHALT, 3" thick, weathered aspahlt

AGGREGATE BASE COURSE, 6" thick

POORLY GRADED GRAVEL WITH SILT AND SAND, brown and gray, very dense, few cobbles, sub-round gravels

increasing cobbles, occasional boulder

Boring Terminated at 16.5 Feet

DEPTH (Ft.)	SAMPLE TYPE	FIELD TEST RESULTS	WATER CONTENT (%)
5		26-16-34 N=50	3
		24-42-47 N=89	2
10		27-37-50/5"	5
		50/2"	
15		24-39-45 N=84	6

STRENGTH TEST: TEST TYPE; COMPRESSIVE STRENGTH (psf); STRAIN (%)

DRY UNIT WEIGHT (pcf)

ATTERBERG LIMITS: LL-PL-PI

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-09-2020 | Boring Completed: 01-09-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-17

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5956° Longitude: -115.348°

Approximate Surface Elev.: 2466 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	MODEL LAYER	GRAPHIC LOG	DESCRIPTION	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
0.2	2466+/-	1		**ASPHALT**, 2-1/4" thick, weathered aspahlt										
0.8	2465+/-	3		**AGGREGATE BASE COURSE**, brown, 6-3/4" thick										
		9		**SILTY SAND (SM)**, brown, loose to medium dense, bedded, very fine sand				7-4-2 N=6				20		
								4-7-14				23		
4.5	2461.5+/-							20-23-23 N=46				5		
		10		**POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM)**, light brown and brown, very dense, increasing cobbles, occasional boulder, some oxidation	5			9-29-50/2"				5		NP
					10			50/1"						
					15			23-24-50/2"						
16.2	2450+/-			***Boring Terminated at 16.2 Feet***										

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-10-2020 | Boring Completed: 01-10-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-18

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5983° Longitude: -115.3467°

Approximate Surface Elev.: 2572 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.1	2572+/-										
3		0.2	2572+/-										
8		0.8	2571+/-				5-4-6 N=10				11 4		
		2.0	2570+/-										
							8-30-50/2"				4		
				5									
							14-50				5		
10							23-29-37 N=66				10		
				10									
							25-50/5"				8		
		15.1	2557+/-	15			50/1"						

ASPHALT, 1-1/2" thick

AGGREGATE BASE COURSE, black, ASPHALTIC BASE COURSE (1-1/2" thick)

AGGREGATE BASE COURSE, brown, 6 inches thick

SANDY SILT (ML), brown and orangish brown, stiff, scattered gravels, some oxidation, significant grinding at 2.0 feet

SILTY GRAVEL WITH SAND (GM), brown and gray, very dense, increasing cobbles with depth, sub-round gravels

odex drilling less difficult, becoming hard at 15 feet with possible cobble/boulder

Boring Terminated at 15.1 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.
initial drilling attempts with a B59 Foremost Mobile on 12-16-19 resulted in auger refusal at 3.5 feet and Odex refusal at 5.0 feet

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-09-2020 | Boring Completed: 01-09-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-19

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5997° Longitude: -115.3459°

Approximate Surface Elev.: 2622 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1 3 8		0.1	2622+/-										
		0.6	2621.5+/-										
		0.8	2621+/-										
10				5			14-14-19 N=33				2		
							37-50/5"						
				10			20-26-22 N=48				6		
							22-23-29 N=52				1		
				15			21-23-30 N=53				2		
		16.5	2605.5+/-										

SILT, brown and tannish brown, trace gravels, some sand, trace oxidation

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown and gray, dense, few sands, cobbles increasing with depth, sub-round gravels

very dense, 12 to 16" boulder

some oxidation

Boring Terminated at 16.5 Feet

ASPHALT, 1-1/4" thick, weathered aspahlt

AGGREGATE BASE COURSE, 5 3/4" thick

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-09-2020 | Boring Completed: 01-09-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-20

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5963° Longitude: -115.3464°

Approximate Surface Elev.: 2507 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.2	2507+/-										
3			**ASPHALT**, 2-1/2" thick										
		0.9	2506+/-										
			AGGREGATE BASE COURSE, brown, 7-1/2" thick										
			CLAYEY GRAVEL WITH SAND, orangish brown and gray, medium dense, few cobbles, significant oxidation, sub-round gravels, some silt				8-7-6 N=13				9		
			24" boulder (5-7')	5			50/1"						
10			medium dense				6-11-15/-11"				7		
			dense to very dense, increasing cobbles	10			19-19-18 N=37				7		
		15.9	2491+/-	15			27-50/5"				1		
			Boring Terminated at 15.9 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-10-2020 | Boring Completed: 01-10-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-22

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5998° Longitude: -115.3447°

Approximate Surface Elev.: 2633 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.2	2633+/-										
3		0.9	2632+/-										
10				5			19-6-11 N=17				11		
							13-50/2"				5		
				10			12-26-50/4"				4		
							50/0"						
				15			18-34-45 N=79				1		
		16.5	2616.5+/-										

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown, medium dense, sub-round gravels

very dense, some oxidation

42" boulder (10 - 13.5'), very slow odex drilling

Boring Terminated at 16.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-10-2020 | Boring Completed: 01-10-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-25

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5983° Longitude: -115.3438°

Approximate Surface Elev.: 2589 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.2	2589+/-										
3		0.3	2588.5+/-										
8		0.7	2588.5+/-										
							48-50/5"				8		
				5			28-39-50 N=89				3		
10							24-50/5"				3		
				10			35-30-25 N=55				5		
				15			14-15-15 N=30				3		
		16.5	2572.5+/-										

ASPHALT, 2" thick, weathered aspahlt

AGGREGATE BASE COURSE, 1-1/2" thick, Asphaltic Basecourse

SILT, brown and tannish brown, some scattered gravels

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), light brown and gray, very dense, sub-round gravels

few cobbles

dense

Boring Terminated at 16.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-11-2020 | Boring Completed: 01-11-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-28

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5957° Longitude: -115.3436°

Approximate Surface Elev.: 2506 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.1	2506+/-										
3		0.3	2505.5+/-										
		0.7	2505.5+/-										
				5			26-22-19 N=41				4		
							28-28-50/2"				4		
10							26-28-24 N=52				4		
				10			47-50/1"				1		
				15			28-48-30 N=78				2		
		16.5	2489.5+/-										

AGGREGATE BASE COURSE, 2-1/2" thick, Asphaltic Basecourse

AGGREGATE BASE COURSE, brown, 4" thick

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), light brown and gray, dense, some cobbles, sub-round gravels

very dense, increasing cobbles, silty zones at 5.0'

occassional boulder

Boring Terminated at 16.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-10-2020 | Boring Completed: 01-10-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-29

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5996° Longitude: -115.3415°

Approximate Surface Elev.: 2616 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1 3		0.1	2616+/-										
		0.2	2616+/-										
		0.6	2615.5+/-										
			ASPHALT, 1-1/2"thick, weathered asphalt										
			AGGREGATE BASE COURSE, 1-1/2" thick, Asphaltic Basecourse										
			AGGREGATE BASE COURSE, brown, 4" thick										
			SILTY GRAVEL WITH SAND (GM), light brown and gray, very dense, few cobbles										
			24" boulder (2.8 - 4.8')			X	50/5"				2		
				5		X	16-21-30 N=51				8		
			increasing cobbles, becoming less silty with depth			X	22-35-50/5"				4		
10				10		X	22-17-35 N=52				2		NP
			12" boulder										
				15		X	47-30-36 N=66						
		16.5	2599.5+/-										
			Boring Terminated at 16.5 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-10-2020 | Boring Completed: 01-10-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL C4195054 THOMPSON FALLS SE.GPJ TERRACON_DATATEMPLATE.GDT 3/17/20

BORING LOG NO. B-31

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5964° Longitude: -115.3419°

Approximate Surface Elev.: 2537 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.2	2537+/-										
3		0.3	2536.5+/-										
8		1.5	2535.5+/-										
10		15.5	2521.5+/-										

ASPHALT, 2-1/2" thick, weathered asphalt

AGGREGATE BASE COURSE, 1-1/2" thick, Asphaltic Basecourse

SILT, brown and tannish brown, some scattered gravels

SILTY GRAVEL WITH SAND (GM), light brown and gray, medium dense, sub-round gravels

DEPTH (Ft.)	SAMPLE TYPE	FIELD TEST RESULTS	WATER CONTENT (%)
		6-13-12 N=25	8
5		9-12-15 N=27	7
		16-14-22 N=36	7
10		50/0"	
15		50	3

significant oxidation

dense

12" boulder (9.5 - 10.5')

very dense, sss bouncing, increasing cobbles

12" boulder (12 - 13')

Boring Terminated at 15.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-11-2020 | Boring Completed: 01-11-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-34

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5943° Longitude: -115.3421°

Approximate Surface Elev.: 2460 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1 3		0.1	2460+/-										
		0.7	2459.5+/-										
6							10-14-11 N=25						
				5			9-10-5 N=15						
		8.5	2451.5+/-				5-4-30 N=34				5		
9				10			50/0"						
10		16.5	2443.5+/-	15			35-37-36 N=73				2		

0.1 ASPHALT, 1-1/2" thick, weathered aspahlt

0.7 FILL - AGGREGATE BASE COURSE, 6-1/2" thick

FILL - SILTY GRAVEL WITH SAND (GM), tannish brown and gray, medium dense, FILL; some black organics/roots

8.5 SILTY SAND, brown, dense to very dense, extremely dense gravels at 8.5', very slow drilling

24" boulder (9.5 - 11.5')

easier drilling

16.5 POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown and light brown, very dense, sub-round gravels

Boring Terminated at 16.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-11-2020 | Boring Completed: 01-11-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. B-35

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5951° Longitude: -115.341°

Approximate Surface Elev.: 2493 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.1	2493+/-										
3		0.2	2493+/-										
		0.6	2492.5+/-										
8							6-7-7 N=14				9		
		2.9	2490+/-										
10		3.2	2490+/-				7-50/2"				5		

ASPHALT, 1" thick, weathered asphalt

AGGREGATE BASE COURSE, black, 1" thick, asphaltic basecourse

AGGREGATE BASE COURSE, brown, 5" thick

SANDY SILT (ML), brown and orangish brown, medium dense, scattered gravels, some oxidation

POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM), brown and gray, very dense, cobbles, auger refusal at 3.0, SSS bouncing

Auger Refusal at 3.2 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
3 1/4-inch hollowstem auger

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 12-16-2019 | Boring Completed: 12-16-2019

Drill Rig: B59 Foremost Mobile | Driller: Kevin Lappe

Project No.: C4195054

BORING LOG NO. B-36

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5975° Longitude: -115.3398°

Approximate Surface Elev.: 2565 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.3	2564.5+/-										
3		0.5	2564.5+/-										
8		1.4	2563.5+/-										
10		7.8	2557+/-	5			7-6-5 N=11				8		
							19-39-40 N=79				6		
							50/0"						

SILT, brown and tannish brown, trace scattered gravels

SILTY CLAYEY GRAVEL WITH SAND (GC-GM), brown and gray, medium dense, sub-round gravels

very dense, increasing silts and gravels

very dense, tubex drilling made no progress after 30 minutes

Tubex Refusal at 7.8 Feet

ASPHALT, 4" thick, weathered aspahlt

AGGREGATE BASE COURSE, 2" thick, asphaltic basecourse

Stratification lines are approximate. In-situ, the transition may be gradual.
tubex drilling made no progress at 7.8 feet after 30 minutes of drilling (minimal air circulation)

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

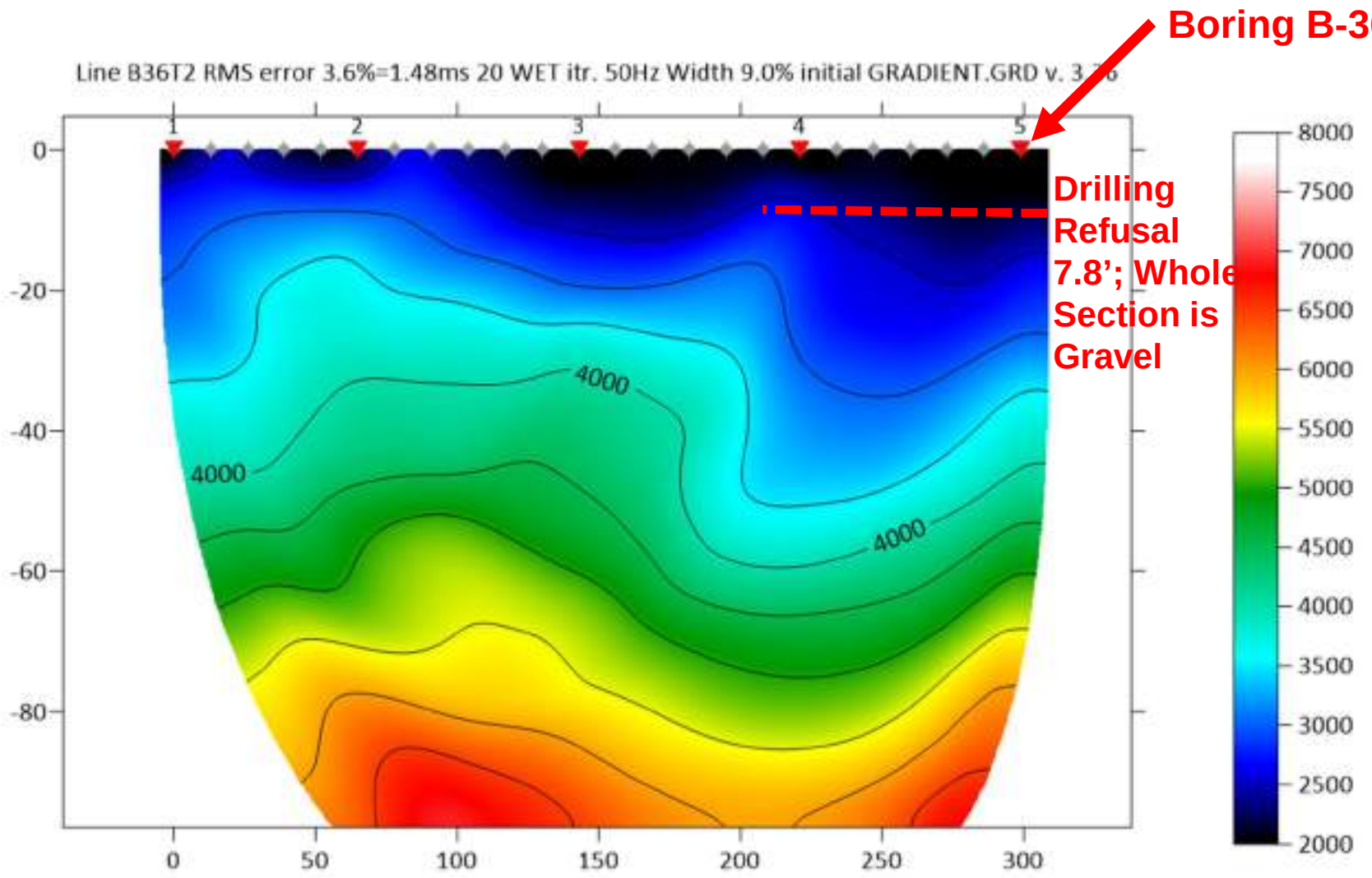
Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-11-2020 | Boring Completed: 01-11-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054



Project Manager: JAP	Project No. C4195054	Terracon Consulting Engineers & Scientists	P-WAVE GEOPHYSICAL RESULTS AT BORING B-36
Drawn by: BJW	Scale: N.T.S.	1392 !3th Ave SW Great Falls, Montana 59404	THOMPSON FALLS SEWER COLLECTION SYSTEM
Checked by: MDH	File Name:	PH. (406) 453-5400 FAX. (406) 761-5555	THOMPSON FALLS, MONTANA
Approved by: MDH	Date: 04/01/2020		Exhibit G-4

BORING LOG NO. B-37

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5997° Longitude: -115.3386°

Approximate Surface Elev.: 2612 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1 3 8		0.1	2612+/-								4		
		0.5	2611.5+/-										
			ASPHALT, 1.25" thick								16		
			AGGREGATE BASE COURSE, 5" thick										
		1.8	**SILT (ML)**, brown and tannish brown, stiff, some gravels and sands, some organics/roots				8-6-50/2"						
			2610+/-								7		
10			**POORLY GRADED GRAVEL WITH SILTY CLAY AND SAND (GP-GC)**, tannish brown and gray, very dense, sub-round gravels				27-28-38 N=66				7		
			dense	5			14-15-18 N=33				5		
			medium dense, tubex drilling easier				7-7-10 N=17				4		
				10			13-18-7 N=25						
			dense	15			15-13-24 N=37						
		16.5	2595.5+/-										
			Boring Terminated at 16.5 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.
initial drilling attempts with a B59 Foremost Mobile on 12-16-19 resulted in auger refusal at 2.0 feet

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-11-2020 | Boring Completed: 01-11-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. L-1

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.6026° Longitude: -115.3576°

Approximate Surface Elev.: 2549 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
2		0.5	2548.5+/-										
8							2-8-9 N=17				14		
		2.5	2546.5+/-										
10		4.0	2545+/-				8-30-24 N=54				2		

TOPSOIL, dark brown, Grassy surface, some scattered gravels, organics/roots

SANDY SILT WITH GRAVEL (ML), brown, medium dense

POORLY GRADED GRAVEL WITH SILT AND SAND (GP), light brown, very dense, some large cobbles, boulders, SSS hammering at angles between cobbles/boulders, sub-round gravels

Auger Refusal at 4 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.
initial boring for Lagoon #1 location outside of perimeter fence (NE of maintenance buliding)

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
3 1/4-inch hollowstem augers

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevation adjusted from Great West survey data to account for drill rig access locations

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 12-17-2019 | Boring Completed: 12-17-2019

Drill Rig: B59 Foremost Mobile | Driller: Kevin Lappe

Project No.: C4195054

BORING LOG NO. L-1A

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.6027° Longitude: -115.3577°

Approximate Surface Elev.: 2544 (Ft.) +/-

DEPTH	ELEVATION (Ft.)
0.1	2544+/-
7.0	2537+/-
12.0	2532+/-

AGGREGATE BASE COURSE, 1-1/2" thick road base (perimeter access road along lagoon embankment)

FILL - CLAYEY GRAVEL WITH SAND, brown, dense to very dense, FILL; some cobbles

FILL - POORLY GRADED GRAVEL WITH CLAY AND SAND, brown and gray, very dense, sub-round gravels

brown and black, medium dense, some organics

POORLY GRADED GRAVEL WITH CLAY AND SAND, tannish brown and gray, dense, some silt, sub-round gravels

DEPTH (Ft.)	SAMPLE TYPE	FIELD TEST RESULTS	WATER CONTENT (%)
5		15-11-21 N=32	7
		15-24-43 N=67	8
10		10-14-41 N=55	7
		10-12-14 N=26	5
15		11-16-30 N=46	4
20			

STRENGTH TEST: TEST TYPE; COMPRESSIVE STRENGTH (psf); STRAIN (%)

DRY UNIT WEIGHT (pcf)

ATTERBERG LIMITS: LL-PL-PI

WATER LEVEL OBSERVATIONS

Stratification lines are approximate. In-situ, the transition may be gradual.
adjusted boring for Lagoon #1 location at NE corner of Lagoon embankment

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevation adjusted from Great West survey data to account for drill rig access locations (pe[illegible])

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-12-2020 | Boring Completed: 01-12-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. L-1A

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.6027° Longitude: -115.3577°

Approximate Surface Elev.: 2544 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
10			**POORLY GRADED GRAVEL WITH CLAY AND SAND**, tannish brown and gray, dense, some silt, sub-round gravels *(continued)*				30-17-25 N=42				3		
			medium dense	25			6-9-14 N=23				13		
		26.5	2517.5+/-										
			Boring Terminated at 26.5 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.
adjusted boring for Lagoon #1 location at NE corner of Lagoon embankment

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevation adjusted from Great West survey data to account for drill rig access locations (pe[illegible])

Notes:

WATER LEVEL OBSERVATIONS

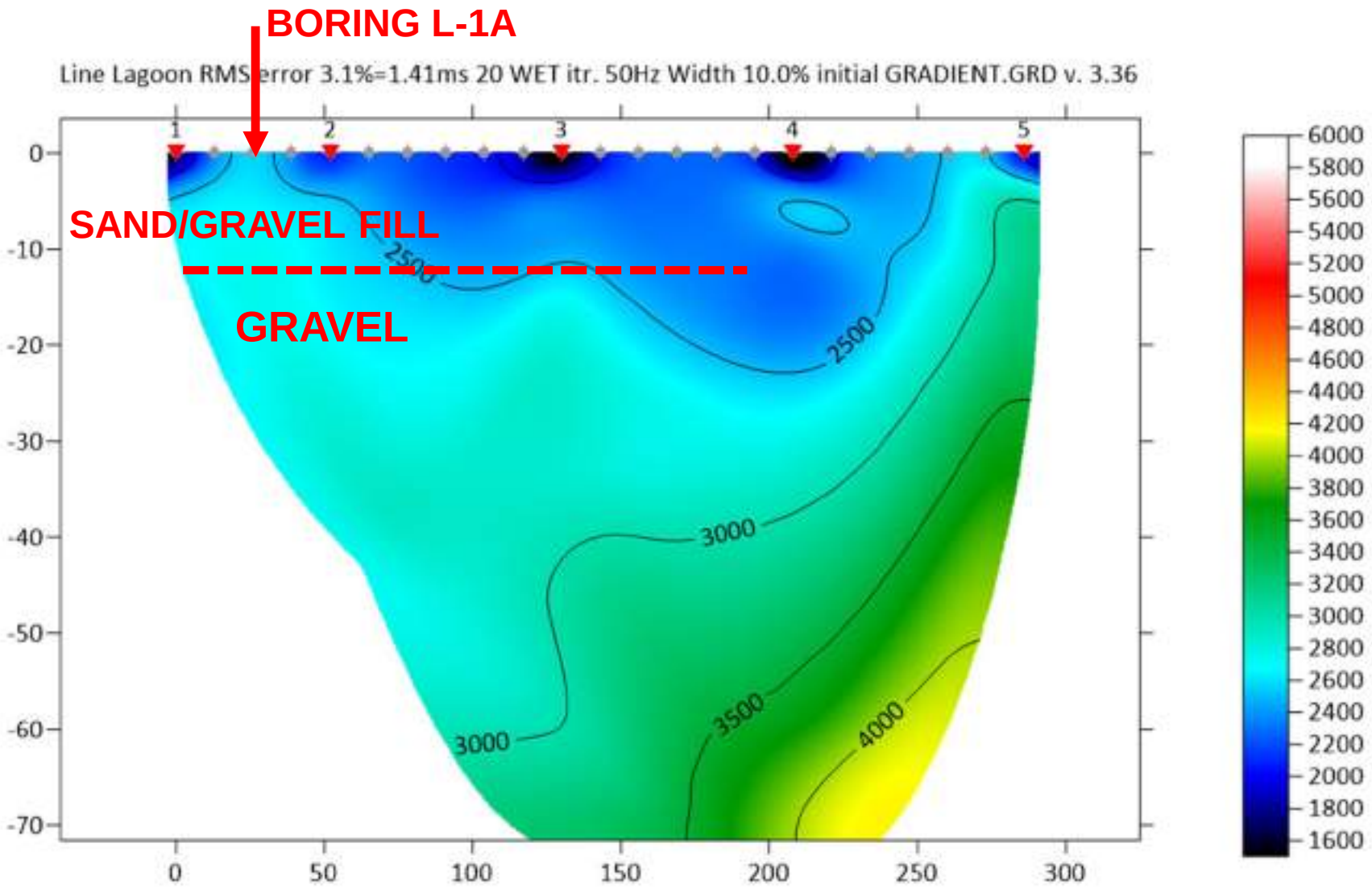
Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-12-2020 | Boring Completed: 01-12-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054



Project Manager: JAP	Project No. C4195054	Terracon Consulting Engineers & Scientists	P-WAVE GEOPHYSICAL RESULTS AT BORING L-1A
Drawn by: BJW	Scale: N.T.S.	1392 13th Ave SW Great Falls, Montana 59404	THOMPSON FALLS SEWER COLLECTION SYSTEM
Checked by: MDH	File Name:	PH. (406) 453-5400 FAX. (406) 761-5555	THOMPSON FALLS, MONTANA
Approved by: MDH	Date: 04/01/2020		Exhibit G-7

BORING LOG NO. L-2

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.6023° Longitude: -115.3584°

Surface Elev.: 2544 (Ft.)

DEPTH	ELEVATION (Ft.)	MODEL LAYER	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
0.1	2544	3											
		4					4-3-4 N=7				27		
				5			4-6-9 N=15				30		50-21-29
7.0	2537												
		6		10			50/2" Tubex Cuttings (Air Rotary)						
9.5	2534.5												
				15			12-14-20 N=34				10		
16.0	2528	10					Tubex Cuttings (Air Rotary)						
				20									

0.1 — AGGREGATE BASE COURSE, 1" thick road base (perimeter access road along lagoon embankment)

FILL - FAT CLAY (CH), tannish brown, medium stiff, trace gravels, some organics, varved

7.0 — FILL - SILTY GRAVEL WITH SAND (GM), light brown, dense, some cobbles

9.5 — FILL - CLAYEY GRAVEL WITH SAND (GC), tannish brown and dark brown, dense to very dense, some cobbles, occasional boulder, some organics, slower tubex drilling at 9.5'

16.0 — POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC), tannish brown and gray, dense to very dense, tubex drilling becoming difficult and much slower, sub-round gravels

Stratification lines are approximate. In-situ, the transition may be gradual.
center of east side of Lagoon embankment

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevation adjusted from Great West survey data to account for drill rig access locations (pe[illegible])

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-13-2020 | Boring Completed: 01-13-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. L-2

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.6023° Longitude: -115.3584°

Surface Elev.: 2544 (Ft.)

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
10							37-21-21 N=42				3		
							Tubex Cuttings (Air Rotary)						
							Tubex Cuttings (Air Rotary)						30-17-13
				25			29-50/1"				4		
				30			13-50/5"				9		
				35			8-10-16 N=26				4		

POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC), tannish brown and gray, dense to very dense, tubex drilling becoming difficult and much slower, sub-round gravels *(continued)*

31.0 2513

CLAYEY GRAVEL (GC), brown, medium dense, trace sand

36.5 2507.5

Boring Terminated at 36.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.
center of east side of Lagoon embankment

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevation adjusted from Great West survey data to account for drill rig access locations (pe[illegible]).

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-13-2020 | Boring Completed: 01-13-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. L-3

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan
10 feet North
Latitude: 47.6022° Longitude: -115.3587°

Approximate Surface Elev.: 2544 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
3		0.1	2544+/-										
			AGGREGATE BASE COURSE, 1" thick road base (perimeter access road along lagoon embankment)										
			FILL - SILTY GRAVEL WITH SAND (GM), brown, dense, some cobbles										
6							15-12-25 N=37				5		
				5			12-11-31 N=42				11		
							10-10-10 N=20				8		
		9.5	2534.5+/-										
			FILL - LEAN CLAY (CL), light brown to tannish brown, medium dense, some gravels and cobbles	10			4-11-12 N=23				27		
		14.0	2530+/-										
4			**FILL - LEAN CLAY WITH SAND (CL)**, gray, medium stiff, moderate plasticity										
			small perched water zone	15			4-1-6 N=7				24		39-20-19
		19.0	2525+/-										
7				20									

Stratification lines are approximate. In-situ, the transition may be gradual.
SE corner of Lagoon embankment. A second boring attempt (10 feet offset) resulted in Tubex refusal at 22.0 feet

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevation adjusted from Great West survey data to account for drill rig access locations (pe[illegible]).

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-12-2020 | Boring Completed: 01-12-2020
Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE
Project No.: C4195054

BORING LOG NO. L-3

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan
10 feet North
Latitude: 47.6022° Longitude: -115.3587°
Approximate Surface Elev.: 2544 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
7			**LEAN CLAY (CL)**, tannish brown and light brown, very stiff, trace gravels and sands, varved, moderate plasticity *(continued)*				6-10-17 N=27				31		
10		22.0	2522+/-										
		22.2	2522+/- **SILTY GRAVEL WITH SAND (GM)**, brown and light brown, very dense, tubex drilling made no progress after 30 minutes, an offset boring was drilled 10' north with same results of tubex drilling coming to a halt at approximately 22' ***Tubex Refusal at 22 Feet***				50/0"						

Stratification lines are approximate. In-situ, the transition may be gradual.
SE corner of Lagoon embankment. A second boring attempt (10 feet offset) resulted in Tubex refusal at 22.0 feet

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevation adjusted from Great West survey data to account for drill rig access locations (pe[illegible])

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-12-2020 | Boring Completed: 01-12-2020
Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE
Project No.: C4195054

BORING LOG NO. LS-1

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5979° Longitude: -115.355°

Approximate Surface Elev.: 2454 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
5		0.0	2454+/-										
			FILL - SILTY SAND (SM), dark brown, medium stiff, grass/leaves at surface, significant organics/roots				7-2-5 N=7				21		
		2.5	2451.5+/-										
			SILTY SAND (SM), light brown, medium dense, fine sand				6-6-7 N=13				8		
		5.0	2449+/-	5									
9			**SILTY SAND WITH GRAVEL (SM)**, light brown, very dense				26-50/5"				2		
			increasing gravels, some oxidation				19-36-26 N=62				5		
		10.0	2444+/-	10									
10			**SILTY GRAVEL WITH SAND (GM)**, light brown and gray, very dense, few cobbles				21-39-27 N=66				2		
				15			19-30-32 N=62				2		
				20									

Stratification lines are approximate. In-situ, the transition may be gradual.
near intersection of Preston avenue and Wood street

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-12-2020 | Boring Completed: 01-12-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. LS-1

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5979° Longitude: -115.355°

Approximate Surface Elev.: 2454 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
10			**SILTY GRAVEL WITH SAND (GM)**, light brown and gray, very dense, few cobbles *(continued)*				27-50/2"						
			some clay	25			35-38-37 N=75				4		
				30			35-35-32 N=67				3		
			some clay	35			23-26-36 N=62				3		
		36.5	2417.5+/-										
			Boring Terminated at 36.5 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.
near intersection of Preston avenue and Wood street

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-12-2020 | Boring Completed: 01-12-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. LS-2

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5951° Longitude: -115.346°

Approximate Surface Elev.: 2461 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
3		0.3	2460.5+/-										
5			**FILL - AGGREGATE BASE COURSE (GP)**, brown, Basecourse **FILL - SILTY SAND WITH GRAVEL (SM)**, brown and black, dense, decreasing roots/organics with depth, some clay				12-18-13 N=31				5		
		2.5	2458.5+/-										
6			**FILL - POORLY GRADED GRAVEL WITH SILT AND SAND (GP)**, brown, medium dense, significant gravels, some cobbles	5			6-9-10 N=19				2		
							8-10-8 N=18				1		
10		7.0	2454+/-										
			POORLY GRADED GRAVEL WITH SILT AND SAND (GP), brown and light brown, very dense, significant gravels, some cobbles and boulders				5-32-30 N=62				2		
		10.0	2451+/-	10									
			Odex Refusal at 10 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.
initial boring location for Lift Station #2

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Odex drilling system (air rotary)

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 12-17-2019 | Boring Completed: 12-17-2019

Drill Rig: B59 Foremost Mobile | Driller: Kevin Lappe

Project No.: C4195054

BORING LOG NO. LS-2A

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5947° Longitude: -115.3442°

Approximate Surface Elev.: 2461 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
1		0.3	2460.5+/-										
3		0.4	2460.5+/-										
		1.4	2459.5+/-										
6				5			3-1-3 N=4				3		
							3-5-8 N=13				4		
							6-4-5 N=9						
9		9.5	2451.5+/-	10			3-2-5 N=7				16		
		12.5	2448.5+/-										
10				15			50/5"				3		
				20									

1 ASPHALT, 3-1/2" thick

3 FILL - AGGREGATE BASE COURSE, 1-1/2" thick, asphaltic basecourse

FILL - AGGREGATE BASE COURSE, 12" thick

6 FILL - SILTY GRAVEL WITH SAND (GM), brown and gray, loose to medium dense, some organics

9 POORLY GRADED SAND (SP), light brown, loose, fine sand, some silt

10 SILTY GRAVEL WITH SAND (GM), brown and gray, very dense, 18" boulder (12.5 - 14')

Stratification lines are approximate. In-situ, the transition may be gradual.
adjusted boring location for Lift Station #2 near intersection of Cedar street and Preston avenue per email conversation with Carrie Gardner dated 1-6-20

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-11-2020 | Boring Completed: 01-11-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054

BORING LOG NO. LS-2A

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5947° Longitude: -115.3442°

Approximate Surface Elev.: 2461 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
10			**SILTY GRAVEL WITH SAND (GM)**, brown and gray, very dense, 18" boulder (12.5 - 14') *(continued)* medium dense, increasing cobbles with depth				10-11-15 N=26				4		
			very dense	25			10-35-21 N=56				1		
			12" boulder (28 - 29')	30			30-50/2"				4		
		36.5	2424.5+/-	35			17-22-41 N=63				3		
			Boring Terminated at 36.5 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.
adjusted boring location for Lift Station #2 near intersection of Cedar street and Preston avenue per email conversation with Carrie Gardner dated 1-6-20

Hammer Type: Automatic
Logged by A. Proud

Advancement Method:
Tubex drilling system (air rotary)

Abandonment Method:
Borings backfilled with soil cuttings upon completion.
Sealed with bituminous cold patch at surface.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations provided from survey data by Great West Engineering

Notes:

WATER LEVEL OBSERVATIONS

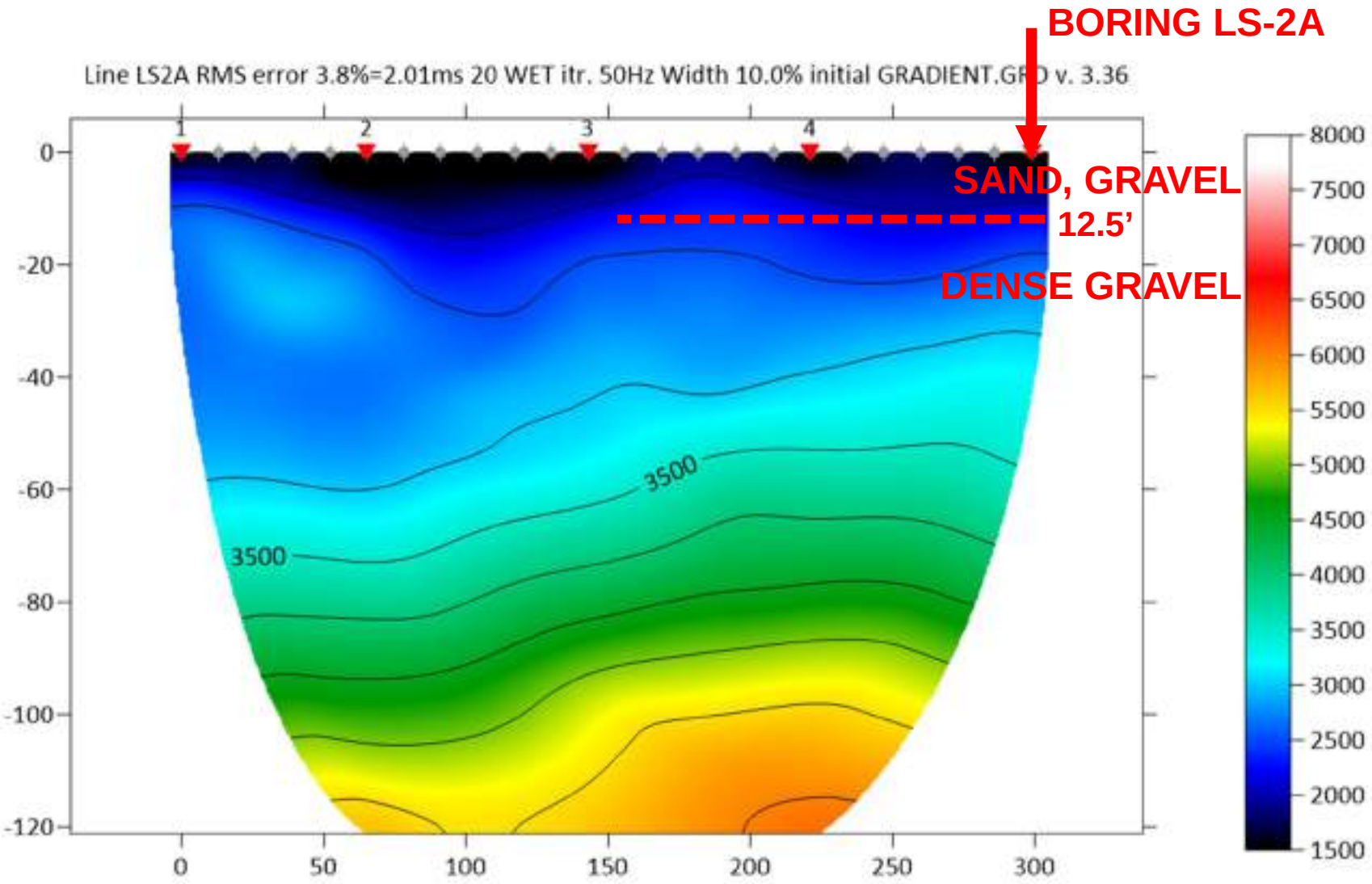
Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Boring Started: 01-11-2020 | Boring Completed: 01-11-2020

Drill Rig: Mobile B-90 | Driller: Brent Johnson with EWE

Project No.: C4195054



Project Manager: JAP	Project No. C4195054	Terracon Consulting Engineers & Scientists	P-WAVE GEOPHYSICAL RESULTS AT BORING LS-2A
Drawn by: BJW	Scale: N.T.S.	1392 !3th Ave SW Great Falls, Montana 59404	THOMPSON FALLS SEWER COLLECTION SYSTEM
Checked by: MDH	File Name:	PH. (406) 453-5400 FAX. (406) 761-5555	THOMPSON FALLS, MONTANA
Approved by: MDH	Date: 04/01/2020		Exhibit G-6

TEST PIT LOG NO. TP-1

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.5992° Longitude: -115.3594°

Approximate Surface Elev.: 2441 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
2		0.5	2440.5+/-										
10			**POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM)**, dark gray, dense, 3" minus sub-round gravels, coarse sands, few scattered cobbles/boulders, decreasing roots/organics with depth								11		
		2.0	2439+/-								10		
		2.5	2438.5+/-								7		
			SILTY GRAVEL WITH SAND (GM), dark gray, dense, 3" minus sub-round gravels, scattered 12" cobbles/boulders										
			SILTY CLAYEY GRAVEL WITH SAND (GC-GM), dark brown and brown, dense, 3" sub-round gravels, scattered 12" cobbles/boulders tannish brown	5							3		28-21-7
		10.0	2431+/-	10									
			Test Pit Terminated at 10 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.

Logged by T. Gilskey

Advancement Method:
Excavation

Abandonment Method:
Test Pit backfilled with excavated soil upon completion

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations referenced from Google Earth.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

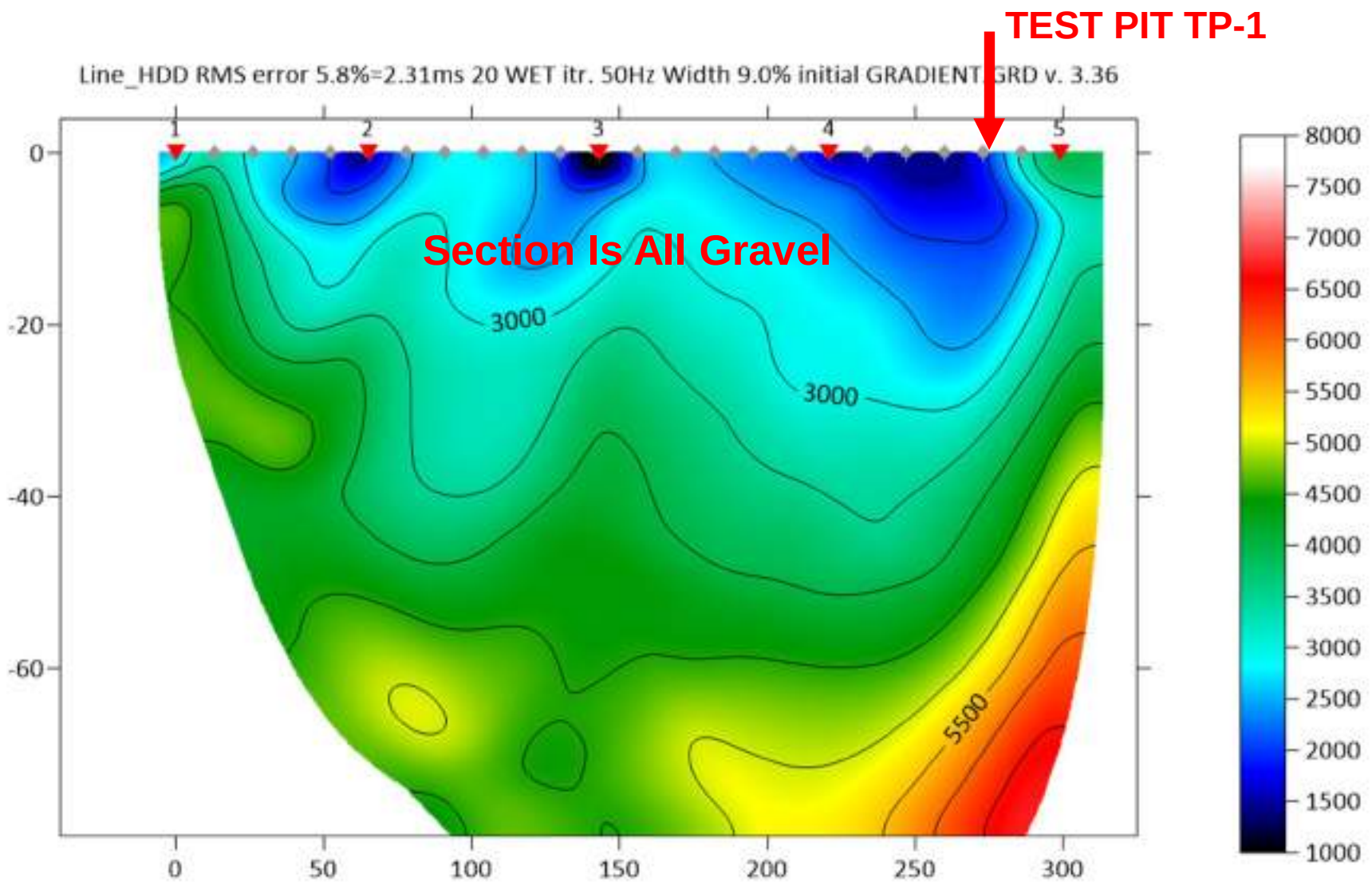
Test Pit Started: 02-12-2020

Test Pit Completed: 02-12-2020

Excavator: 420D

Operator: City of Thompson Falls

Project No.: C4195054



Project Manager: JAP	Project No. C4195054	Terracon Consulting Engineers & Scientists	P-WAVE GEOPHYSICAL RESULTS AT TEST PIT TP-1
Drawn by: BJW	Scale: N.T.S.	1392 13th Ave SW Great Falls, Montana 59404	THOMPSON FALLS SEWER COLLECTION SYSTEM
Checked by: MDH	File Name:	PH. (406) 453-5400 FAX. (406) 761-5555	THOMPSON FALLS, MONTANA
Approved by: MDH	Date: 04/01/2020		Exhibit G-5

TEST PIT LOG NO. TP-2

PROJECT: Thompson Falls Sewer Collection System

CLIENT: Great West Engineering
Helena, MT

SITE: Spruce Street
Thompson Falls, MT

LOCATION See Exploration Plan

Latitude: 47.6° Longitude: -115.3587°

Approximate Surface Elev.: 2467 (Ft.) +/-

MODEL LAYER	GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST: TEST TYPE	STRENGTH TEST: COMPRESSIVE STRENGTH (psf)	STRENGTH TEST: STRAIN (%)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS: LL-PL-PI
2		0.5	2466.5+/-										
10			**TOPSOIL**, dark brown, roots/organics										
			SILTY CLAYEY GRAVEL WITH SAND (GC-GM), brown, dense, 3" minus sub-round gravels, scattered cobbles, some boulders upto 36", fine sand, decreasing roots/organics with depth								11		
				5									
			tannish brown								10		
		10.0	2457+/-	10									
			Test Pit Terminated at 10 Feet										

Stratification lines are approximate. In-situ, the transition may be gradual.

Logged by T. Gilskey

Advancement Method:
Excavation

Abandonment Method:
Test Pit backfilled with excavated soil upon completion

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations referenced from Google Earth.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1392 13th Ave SW
Great Falls, MT

Test Pit Started: 02-12-2020

Test Pit Completed: 02-12-2020

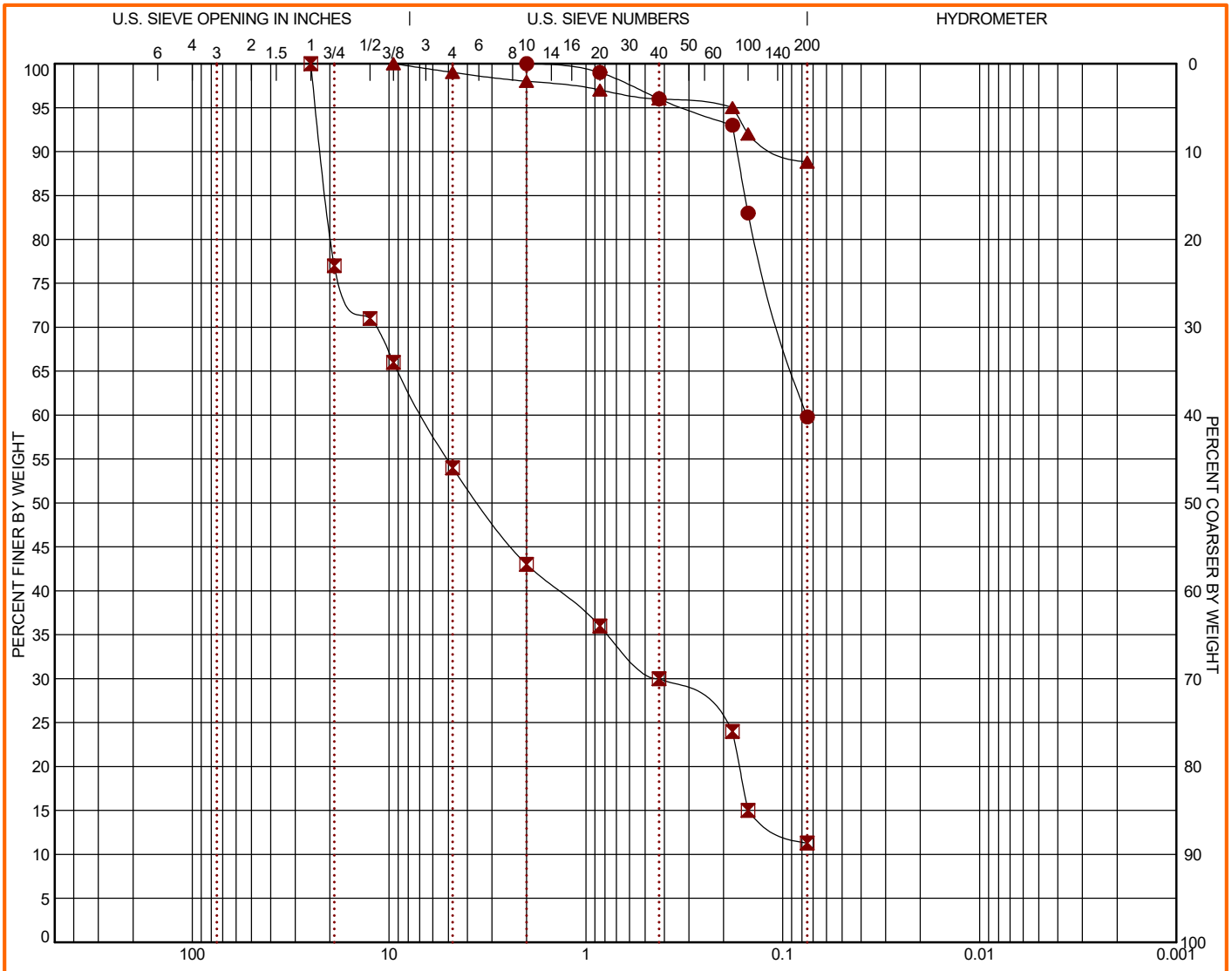
Excavator: 420D

Operator: City of Thompson Falls

Project No.: C4195054

GRAIN SIZE DISTRIBUTION

ASTM D422 / ASTM C136



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	BORING ID	DEPTH	% COBBLES	% GRAVEL	% SAND	% SILT	% FINES	% CLAY	USCS
●	B-12	6	0.0	0.0	40.2		59.8		ML
⊠	B-17	7.5 - 8.7	0.0	46.0	42.7		11.3		SM
▲	L-2	5 - 6.5	0.0	1.0	10.2		88.8		CH

GRAIN SIZE	●	⊠	▲
D_{60}	0.075	6.718	
D_{30}		0.425	
D_{10}			

COEFFICIENTS	●	⊠	▲
C_C		0.46	
C_U		114.27	

●		⊠		▲	
Sieve	% Finer	Sieve	% Finer	Sieve	% Finer
#10	100.0	1"	100.0	3/8"	100.0
#20	99.0	3/4"	77.0	#4	99.0
#40	96.0	1/2"	71.0	#10	98.0
#80	93.0	3/8"	66.0	#20	97.0
#100	83.0	#4	54.0	#40	96.0
#200	59.8	#10	43.0	#80	95.0
		#20	36.0	#100	92.0
		#40	30.0	#200	88.8
		#80	24.0		
		#100	15.0		
		#200	11.3		

SOIL DESCRIPTION	
●	Sandy Silt (ML)
⊠	Silty Sand with Gravel (SM)
▲	Fat Clay (CH)

REMARKS	
●	
⊠	
▲	

PROJECT: Thompson Falls Sewer Collection System

SITE: Spruce Street
Thompson Falls, MT

Terracon
1392 13th Ave SW
Great Falls, MT

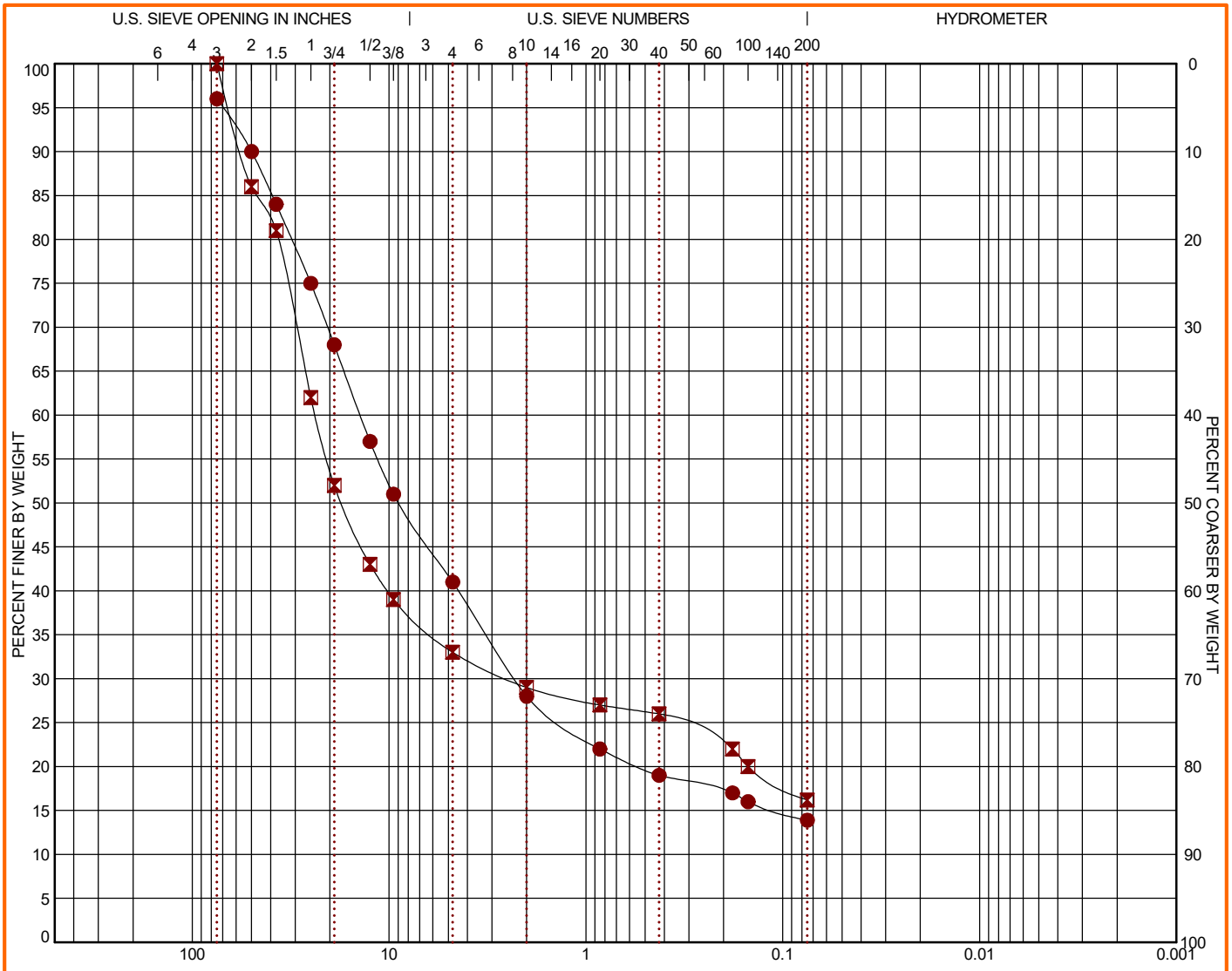
PROJECT NUMBER: C4195054

CLIENT: Great West Engineering
Helena, MT

LABORATORY TESTS ARE NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GRAIN SIZE: USCS 1 C4195054 THOMPSON FALLS SE.GPJ TERRACON_DATATEMPLATE.GDT 3/16/20

GRAIN SIZE DISTRIBUTION

ASTM D422 / ASTM C136



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	BORING ID	DEPTH	% COBBLES	% GRAVEL	% SAND	% SILT	% FINES	% CLAY	USCS
●	TP-1	4 - 6		55.0	27.1		13.9		GC-GM
⊠	TP-2	4 - 5.5	0.0	67.0	16.8		16.2		GC-GM

GRAIN SIZE	●	⊠	
D_{60}	14.012	23.665	
D_{30}	2.285	2.483	
D_{10}			

COEFFICIENTS	●	⊠	
C_C			
C_U			

●		⊠			
Sieve	% Finer	Sieve	% Finer	Sieve	% Finer
3"	96.0	3"	100.0		
2"	90.0	2"	86.0		
1 1/2"	84.0	1 1/2"	81.0		
1"	75.0	1"	62.0		
3/4"	68.0	3/4"	52.0		
1/2"	57.0	1/2"	43.0		
3/8"	51.0	3/8"	39.0		
#4	41.0	#4	33.0		
#10	28.0	#10	29.0		
#20	22.0	#20	27.0		
#40	19.0	#40	26.0		
#80	17.0	#80	22.0		
#100	16.0	#100	20.0		
#200	13.9	#200	16.2		

SOIL DESCRIPTION	
●	Silty, Clayey Gravel with Sand (GC-GM)
⊠	Silty, Clayey Gravel with Sand (GC-GM)

REMARKS	
●	
⊠	

PROJECT: Thompson Falls Sewer Collection System

SITE: Spruce Street
Thompson Falls, MT

Terracon
1392 13th Ave SW
Great Falls, MT

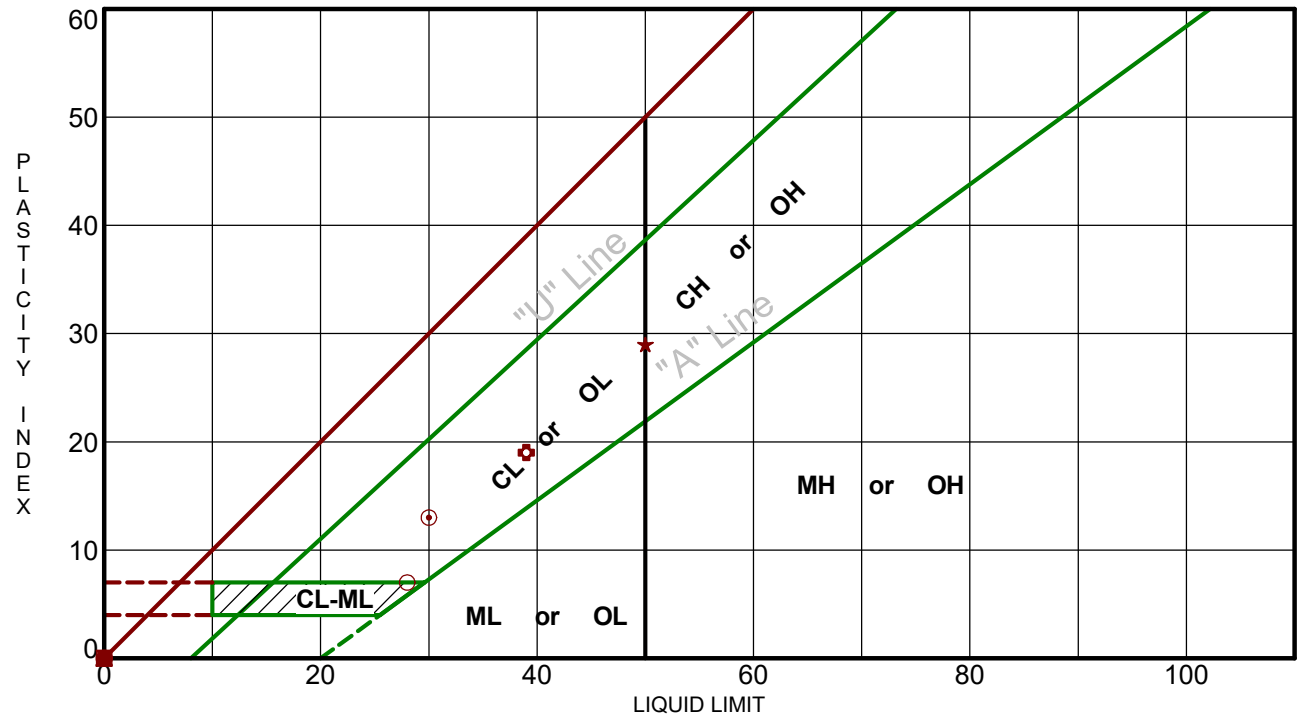
PROJECT NUMBER: C4195054

CLIENT: Great West Engineering
Helena, MT

LABORATORY TESTS ARE NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GRAIN SIZE: USCS 1 C4195054 THOMPSON FALLS SE.GPJ TERRACON_DATATEMPLATE.GDT 3/16/20

ATTERBERG LIMITS RESULTS

ASTM D4318



Boring ID		Depth	LL	PL	PI	Fines	USCS	Description
●	B-12	6	NP	NP	NP	59.8	ML	Sandy Silt
⊠	B-17	7.5 - 8.7	NP	NP	NP	11.3	SM	Silty Sand with Gravel
▲	B-29	10 - 11.5	NP	NP	NP		GM	Silty Gravel with Sand
★	L-2	5 - 6.5	50	21	29	88.8	CH	Fat Clay
⊙	L-2	24 - 25	30	17	13		GP-GM	Poorly Graded Gravel with silt and sand
✿	L-3	15 - 16.5	39	20	19		CL	Lean Clay (FILL)
○	TP-1	4 - 6	28	21	7	13.9	GC-GM	Silty, Clayey Gravel with Sand

PROJECT: Thompson Falls Sewer Collection System

PROJECT NUMBER: C4195054

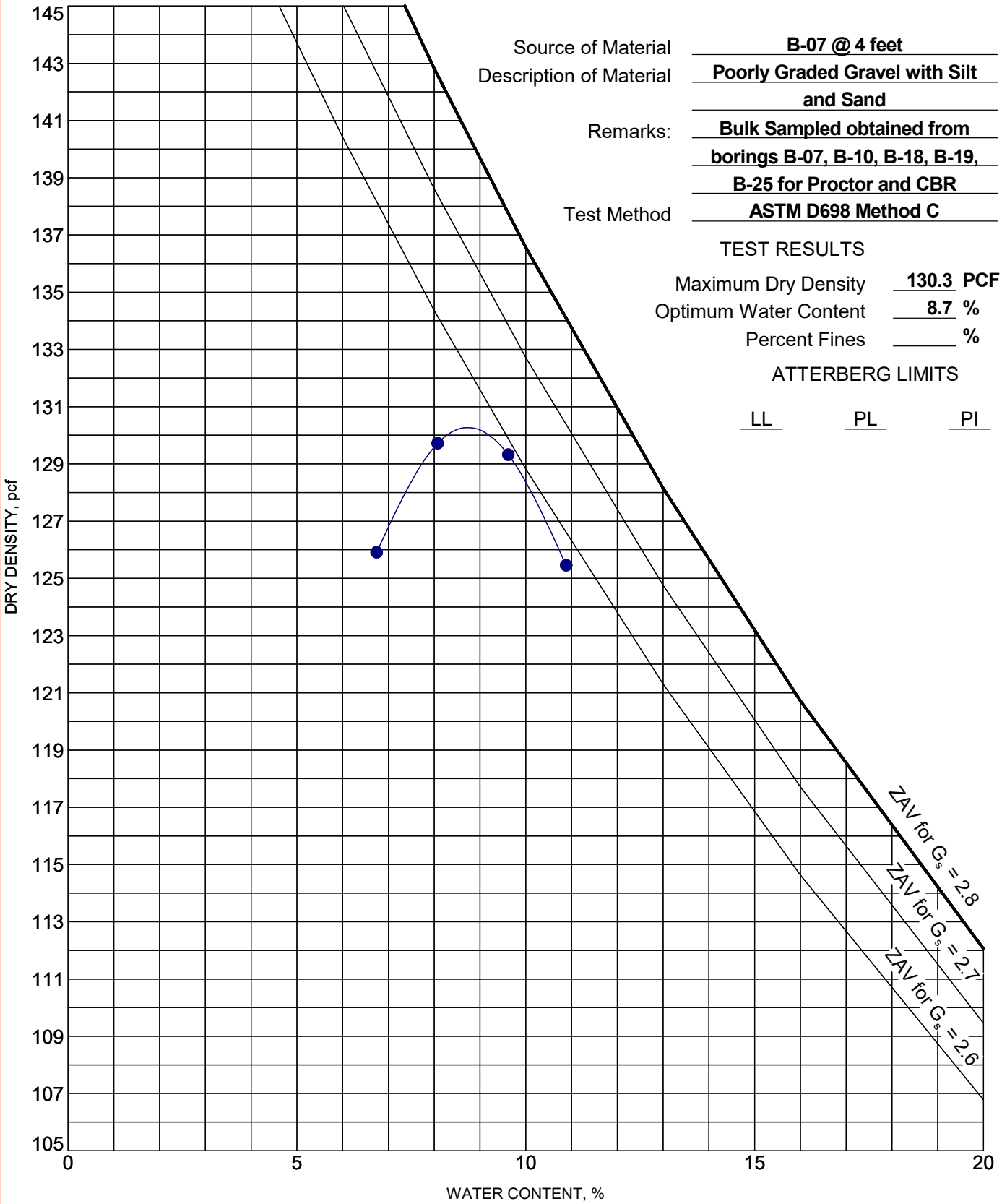
SITE: Spruce Street
Thompson Falls, MT

Terracon
1392 13th Ave SW
Great Falls, MT

CLIENT: Great West Engineering
Helena, MT

MOISTURE-DENSITY RELATIONSHIP

ASTM D698/D1557



Source of Material	**B-07 @ 4 feet**
Description of Material	**Poorly Graded Gravel with Silt and Sand**
Remarks:	**Bulk Sampled obtained from borings B-07, B-10, B-18, B-19, B-25 for Proctor and CBR**
Test Method	**ASTM D698 Method C**

TEST RESULTS

Maximum Dry Density	**130.3**	**PCF**
Optimum Water Content	**8.7**	**%**
Percent Fines		**%**

ATTERBERG LIMITS

LL	PL	PI

PROJECT: Thompson Falls Sewer Collection System

SITE: Spruce Street
Thompson Falls, MT

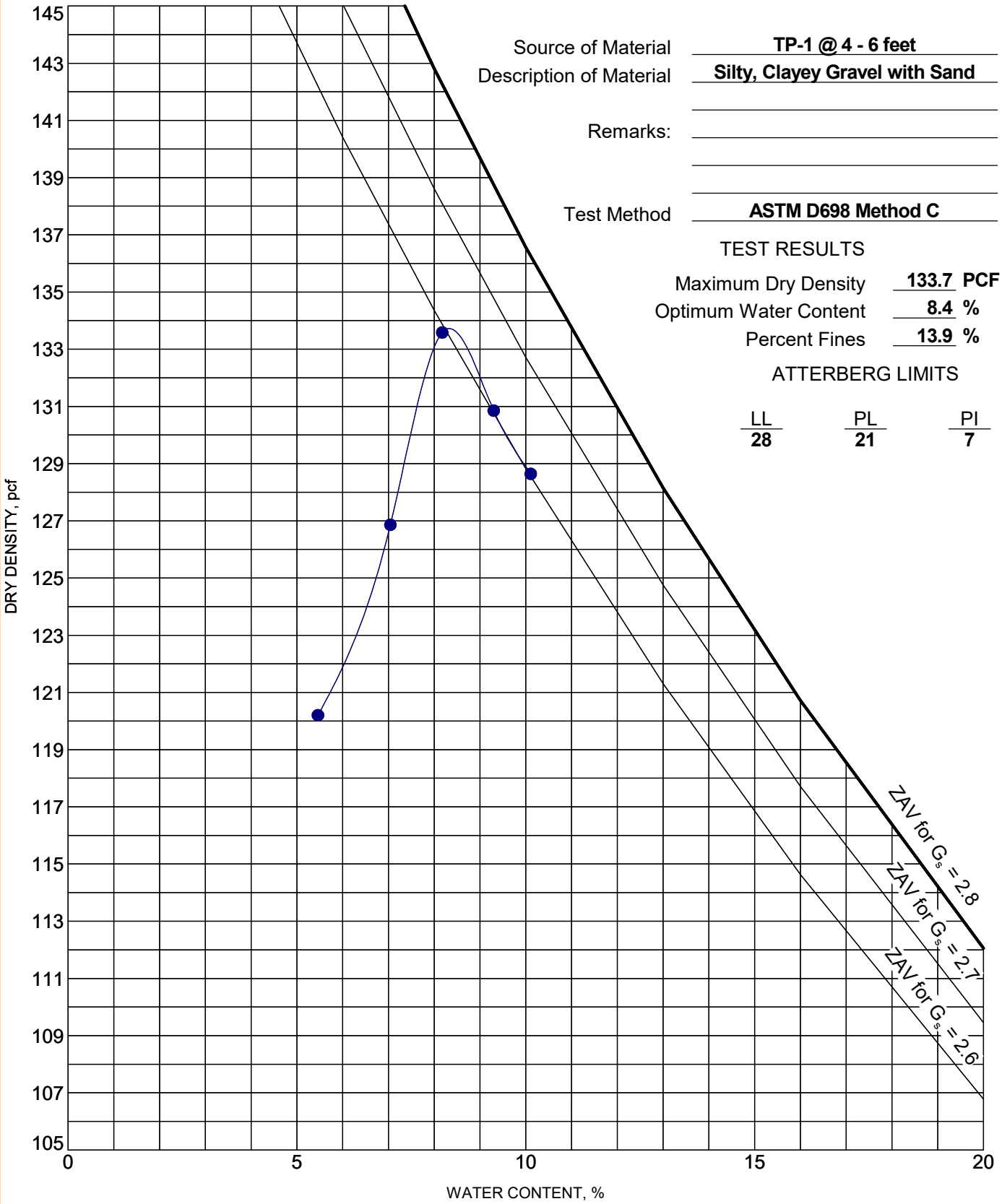
Terracon
1392 13th Ave SW
Great Falls, MT

PROJECT NUMBER: C4195054

CLIENT: Great West Engineering
Helena, MT

MOISTURE-DENSITY RELATIONSHIP

ASTM D698/D1557



Source of Material	**TP-1 @ 4 - 6 feet**
Description of Material	**Silty, Clayey Gravel with Sand**
Remarks:	
Test Method	**ASTM D698 Method C**

TEST RESULTS

Maximum Dry Density	**133.7**	**PCF**
Optimum Water Content	**8.4**	**%**
Percent Fines	**13.9**	**%**

ATTERBERG LIMITS

LL	PL	PI
28	**21**	**7**

PROJECT: Thompson Falls Sewer Collection System

SITE: Spruce Street
Thompson Falls, MT

Terracon
1392 13th Ave SW
Great Falls, MT

PROJECT NUMBER: C4195054

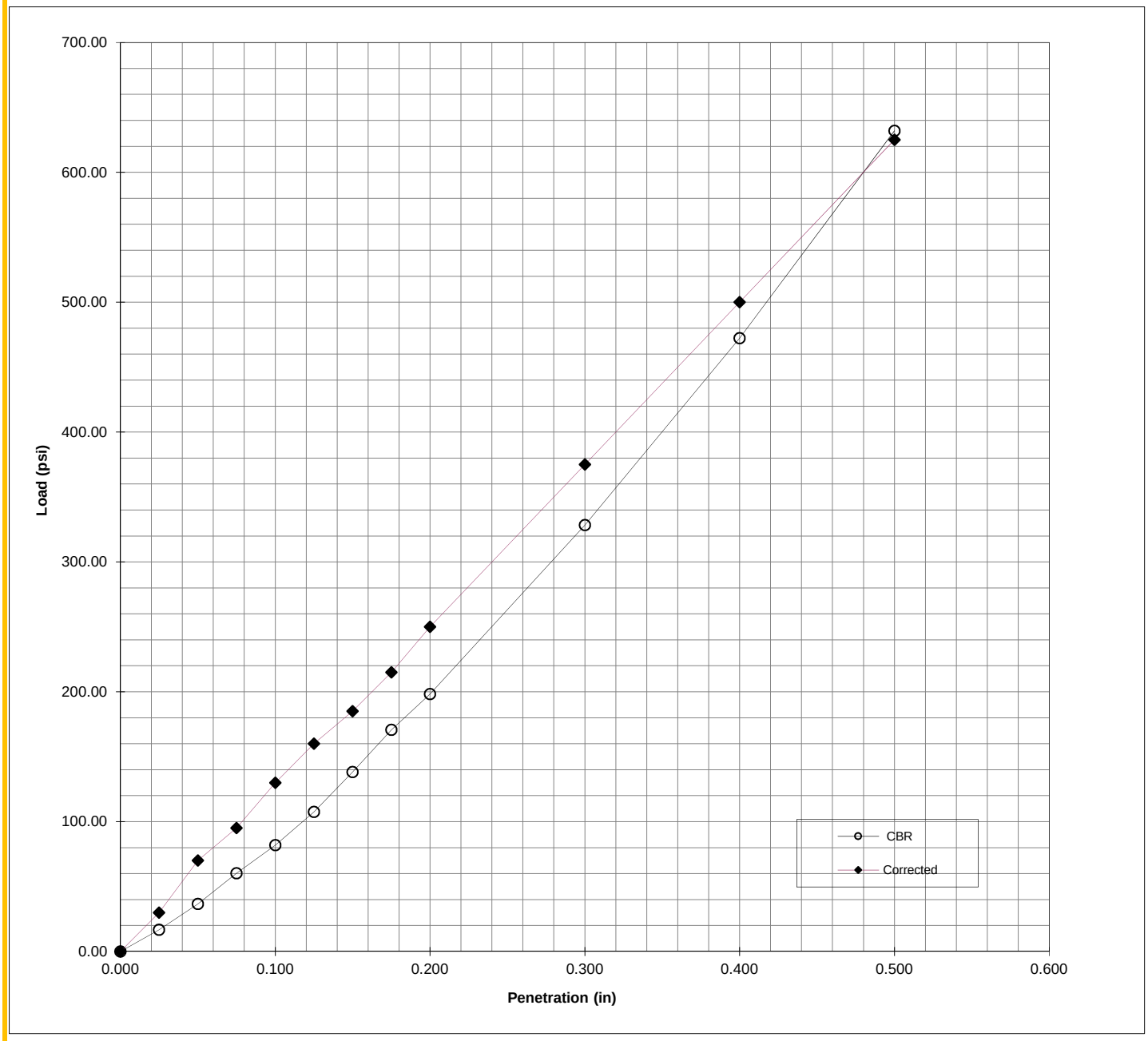
CLIENT: Great West Engineering
Helena, MT

CBR Data

ASTM D1883

Boring #:	Test Pits-HDD	**Soaked:**	X	**Max Dry Density**	133.7
Depth:	**4'**	**Unsoaked:**		**Opt. Moisture %**	8.4
Soil Type:	Silty, Clayey Gravel with Sand			**Surcharge:**	10#

	Dry Density	MC% Obtained	% of Max Dry Density	CBR value @ .1"	CBR Value @ .2"
	126.2	8.9	94.4	13	16.67



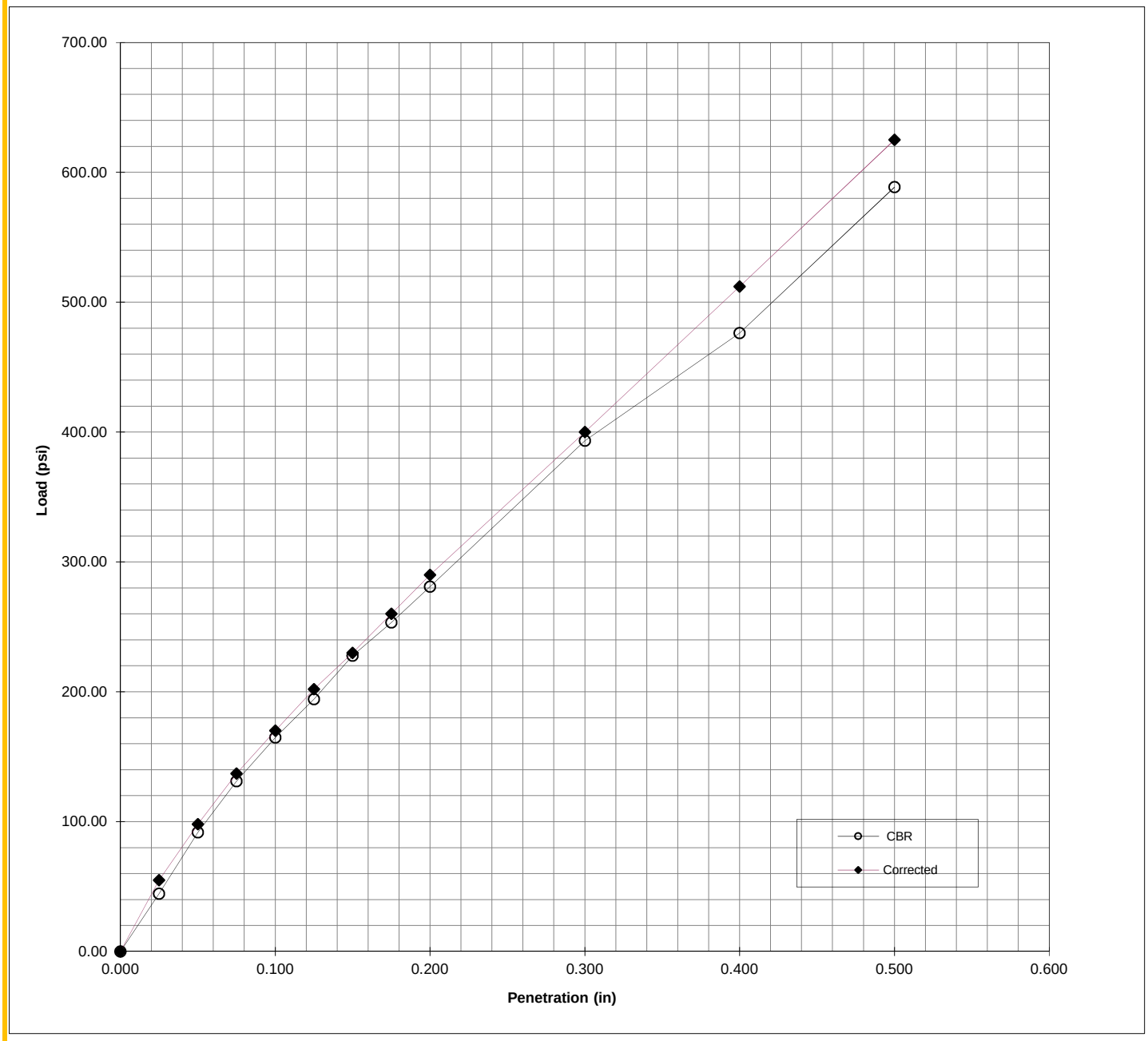
PROJECT:	Thompson Falls Sewer Collection System	Terracon 1392 13th Ave S Great Falls, MT	PROJECT NUMBER: C4195054
SITE:	Thompson Falls		CLIENT: Great West

CBR Data

ASTM D1883

Boring #:	B-07	**Soaked:**	X	**Max Dry Density**	130.3
Depth:	**4'**	**Unsoaked:**		**Opt. Moisture %**	8.7
Soil Type:	Poorly Graded Gravel with Silt and Sand			**Surcharge:**	10#

	Dry Density	MC% Obtained	% of Max Dry Density	CBR value @ .1"	CBR Value @ .2"
	124.1	8.5	95.2	17	19.33



PROJECT:	Thompson Falls Sewer Collection System	Terracon 1392 13th Ave S Great Falls, MT	PROJECT NUMBER: C4195054
SITE:	Thompson Falls		CLIENT: Great West

Terracon

Minimum Soil Resistivity
AASHTO T288-92 (1996)

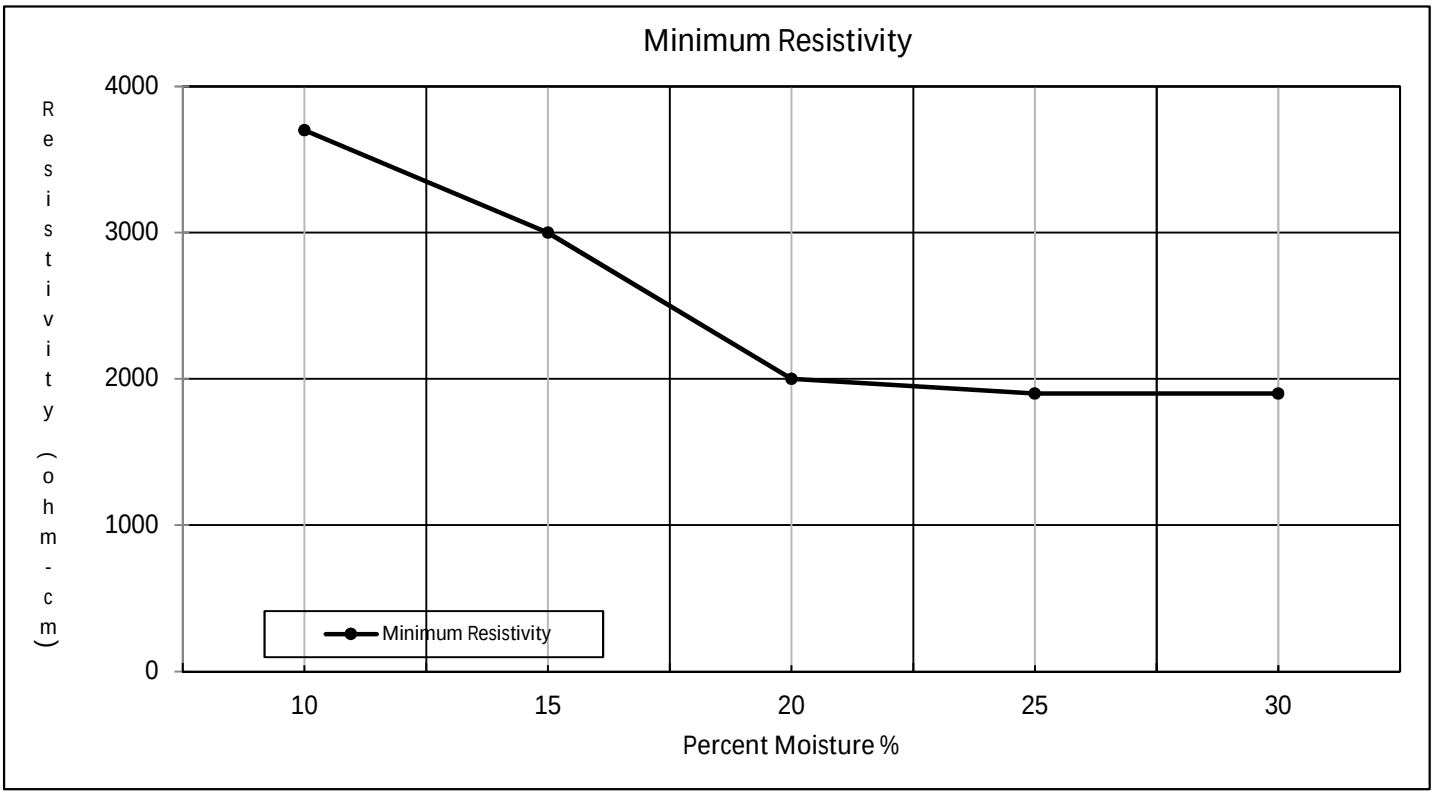
1392 13th Ave SW, Great Falls, Montana 59404 (406) 453-5400

Project:	Thompson Falls Sewer Collection System			Date:	2/7/2020
Job No:	C4195054	Report No.:		Sample No.:	ring sampler
Drill Hole:	B-12	Depth:	6.0'-6.8'	Tested By:	AP
Classification:	Sandy Silt (ML)			Reviewed By:	MDH
Material Size:	-#10				
Remarks:	pH = 7.5, Sulfate Content = .001% (Tested by Energy Laboratories - Helena)				

Soil Data (As Received)

wet (g):	na	Weight of Sample:	200	Initial Moisture %:	10.00
dry (g):	na	As Received MC%:	na	5% Increments (g)	10.00
pan (g):	na	Beginning MC%	10%	Resistivity (ohm-cm):	1900

% Moisture Added	Reading	Box Constant	Multilplier	Resistivity
10	3.7	10	100	3700
15	3	10	100	3000
20	2	10	100	2000
25	1.9	10	100	1900
30	1.9	10	100	1900



Terracon

Minimum Soil Resistivity
AASHTO T288-92 (1996)

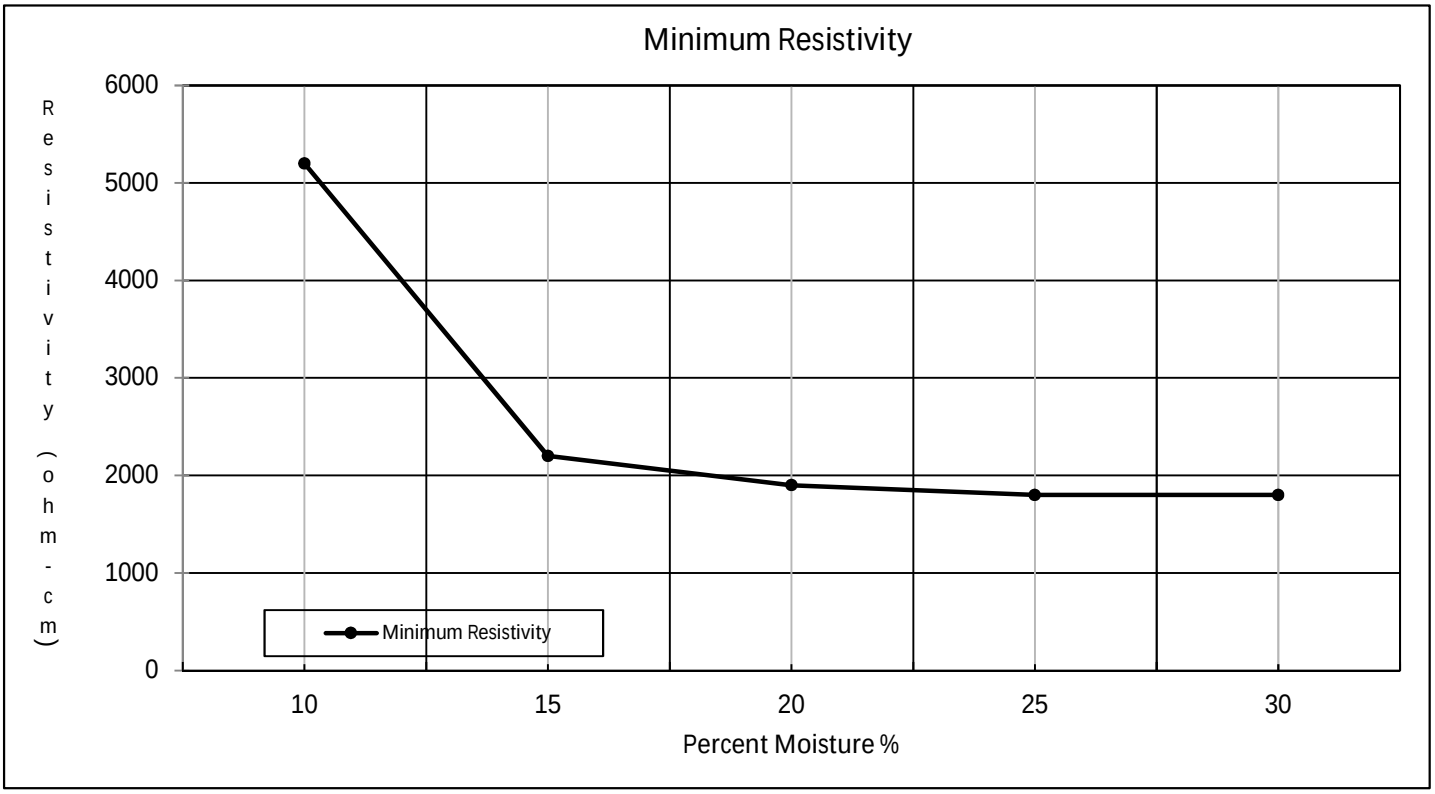
1392 13th Ave SW, Great Falls, Montana 59404 (406) 453-5400

Project:	Thompson Falls Sewer Collection System	Date:	2/7/2020
Job No:	C4195054 Report No.:	Sample No.:	split spoon
Drill Hole:	B-29 Depth: 10.0'-11.5'	Tested By:	AP
Classification:	Silty Gravel with Sand (GM)	Reviewed By:	MDH
Material Size:	-#10		
Remarks:	pH = 7.9 , Sulfate Content = .002% (Tested by Energy Laboratories - Helena)		

Soil Data (As Received)

wet (g):	na	Weight of Sample:	180	Initial Moisture %:	10.00
dry (g):	na	As Received MC%:	na	5% Increments (g)	9.00
pan (g):	na	Beginning MC%	10%	Resistivity (ohm-cm):	1800

% Moisture Added	Reading	Box Constant	Multilplier	Resistivity
10	5.2	10	100	5200
15	2.2	10	100	2200
20	1.9	10	100	1900
25	1.8	10	100	1800
30	1.8	10	100	1800



Terracon

Minimum Soil Resistivity
AASHTO T288-92 (1996)

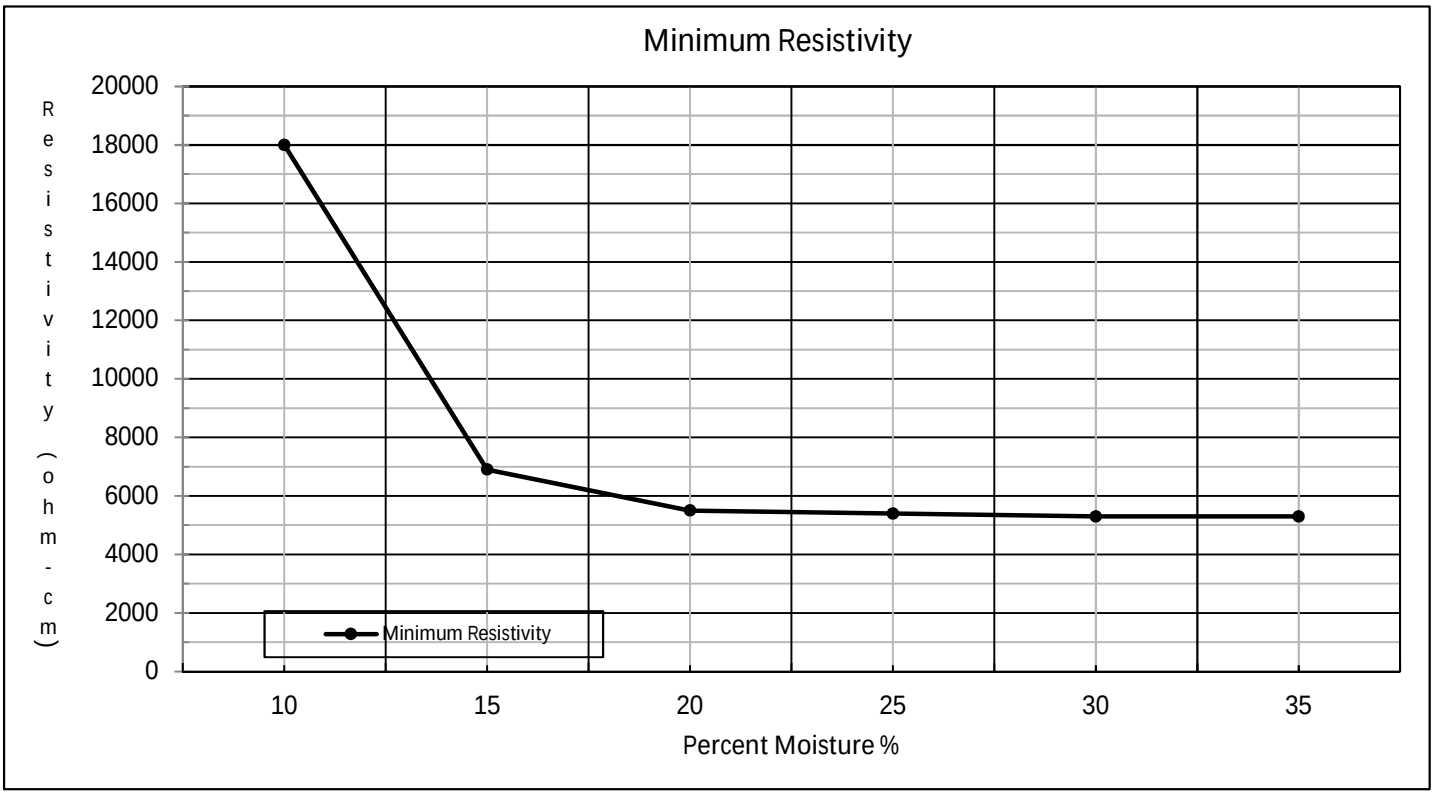
1392 13th Ave SW, Great Falls, Montana 59404 (406) 453-5400

Project:	Thompson Falls Sewer Collection System			Date:	2/6/2020
Job No:	C4195054	Report No.:		Sample No.:	Split spoon
Drill Hole:	LS-1	Depth:	10.0'-11.5'	Tested By:	AP
Classification:	Silty Gravel with Sand (GM)			Reviewed By:	MDH
Material Size:	-#10				
Remarks:	pH = 8.0 , Sulfate Content = .003% (Tested by Energy Laboratories - Helena)				
	Additional data for LS-1 @ 30-31.5' ; ph = 8.2, Sulfate content = .006%				

Soil Data (As Received)

wet (g):	na	Weight of Sample:	180	Initial Moisture %:	10.00
dry (g):	na	As Received MC%:	na	5% Increments (g)	9.00
pan (g):	na	Beginning MC%	10%	Resistivity (ohm-cm):	5300

% Moisture Added	Reading	Box Constant	Multilplier	Resistivity
10	1.8	10	1000	18000
15	6.9	10	100	6900
20	5.5	10	100	5500
25	5.4	10	100	5400
30	5.3	10	100	5300
35	5.3	10	100	5300



Terracon

Minimum Soil Resistivity
AASHTO T288-92 (1996)

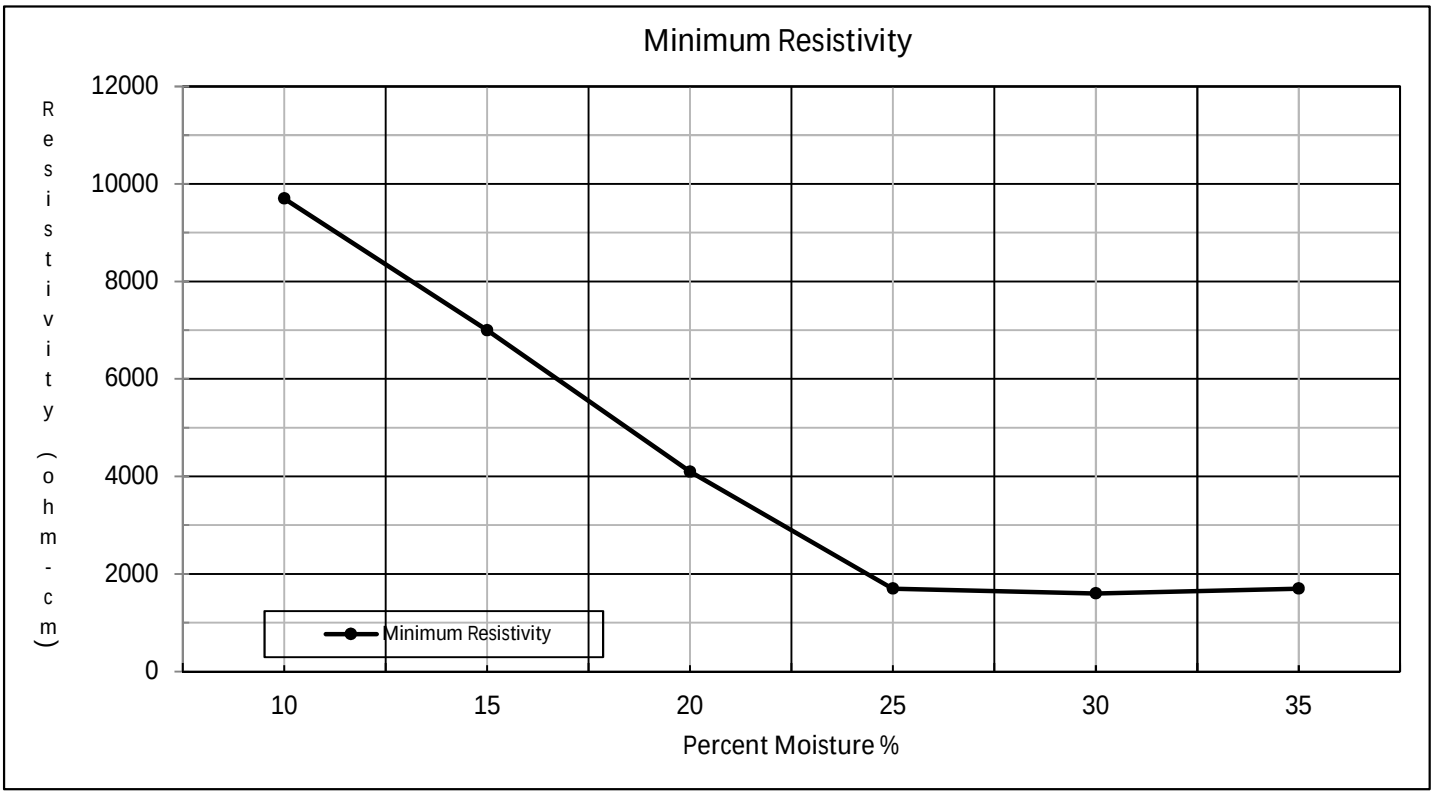
1392 13th Ave SW, Great Falls, Montana 59404 (406) 453-5400

Project:	Thompson Falls Sewer Collection System			Date:	2/6/2020
Job No:	C4195054	Report No.:		Sample No.:	split spoon
Drill Hole:	L-2 (Lagoon)	Depth:	5.0'-6.5'	Tested By:	AP
Classification:	Fat Clay - Embankment Fill			Reviewed By:	MDH
Material Size:	-#10				
Remarks:					

Soil Data (As Received)

wet (g):	na	Weight of Sample:	180	Initial Moisture %:	10.00
dry (g):	na	As Received MC%:	na	5% Increments (g)	9.00
pan (g):	na	Beginning MC%	10%	Resistivity (ohm-cm):	1600

% Moisture Added	Reading	Box Constant	Multilplier	Resistivity
10	9.7	10	100	9700
15	7	10	100	7000
20	4.1	10	100	4100
25	1.7	10	100	1700
30	1.6	10	100	1600
35	1.7	10	100	1700



Minimum Soil Resistivity

AASHTO T288-92 (1996)

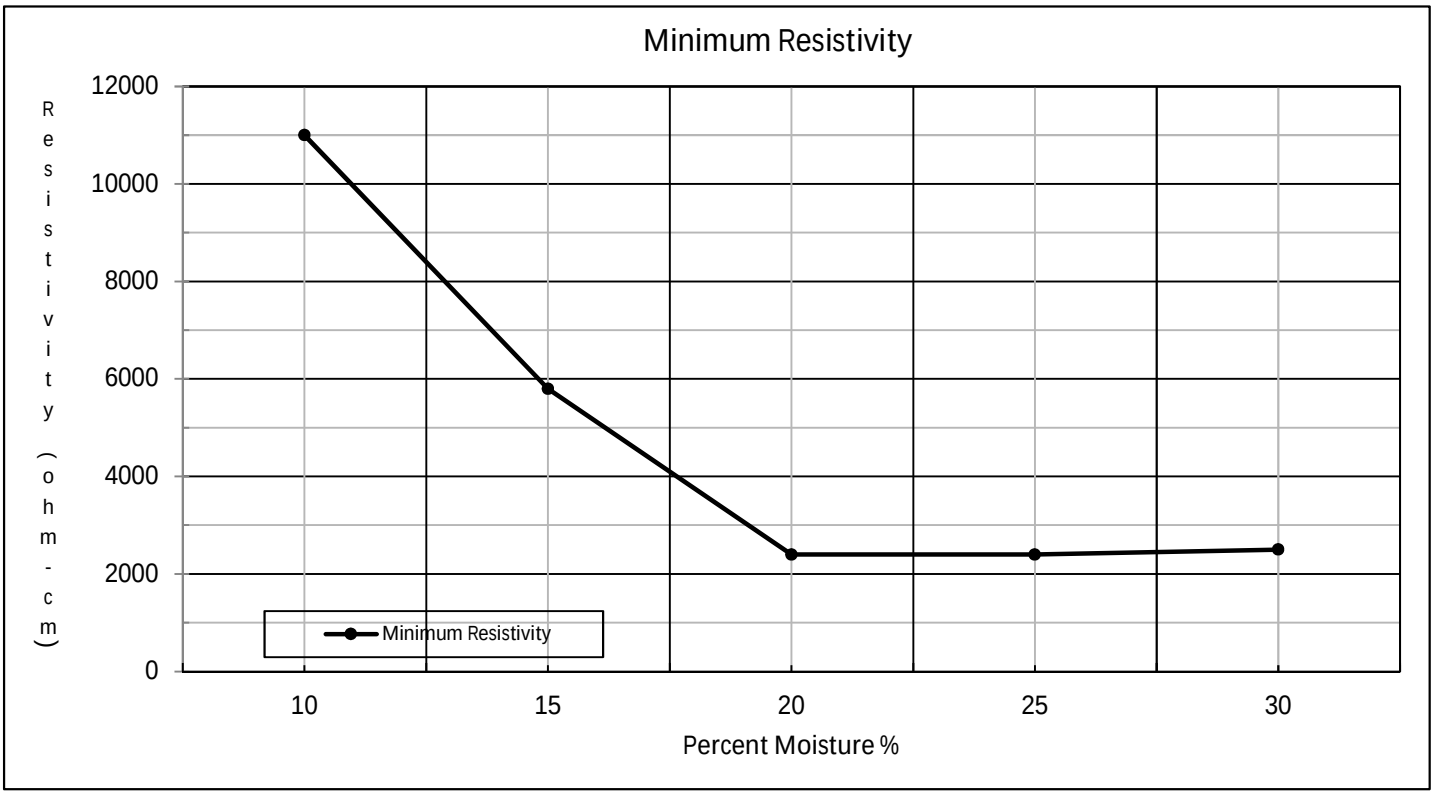
Terracon
1392 13th Ave SW, Great Falls, Montana 59404 (406) 453-5400

Project:	Thompson Falls Sewer Collection System	Date:	2/6/2020
Job No:	C4195054 Report No.:	Sample No.:	Tubex cuttings-air rotary
Drill Hole:	L-2 (Lagoon) Depth: 24.0'-25.0'	Tested By:	AP
Classification:	Poorly Graded Gravel with Silt and Sand (GP)	Reviewed By:	MDH
Material Size:	-#10		
Remarks:	pH = 7.9 , Sulfate Content = .004% (Tested by Energy Laboratories - Helena)		

Soil Data (As Received)

wet (g):	na	Weight of Sample:	180	Initial Moisture %:	10.00
dry (g):	na	As Received MC%:	na	5% Increments (g)	9.00
pan (g):	na	Beginning MC%	10%	Resistivity (ohm-cm):	2400

% Moisture Added	Reading	Box Constant	Multilplier	Resistivity
10	1.1	10	1000	11000
15	5.8	10	100	5800
20	2.4	10	100	2400
25	2.4	10	100	2400
30	2.5	10	100	2500



Minimum Soil Resistivity
AASHTO T288-92 (1996)

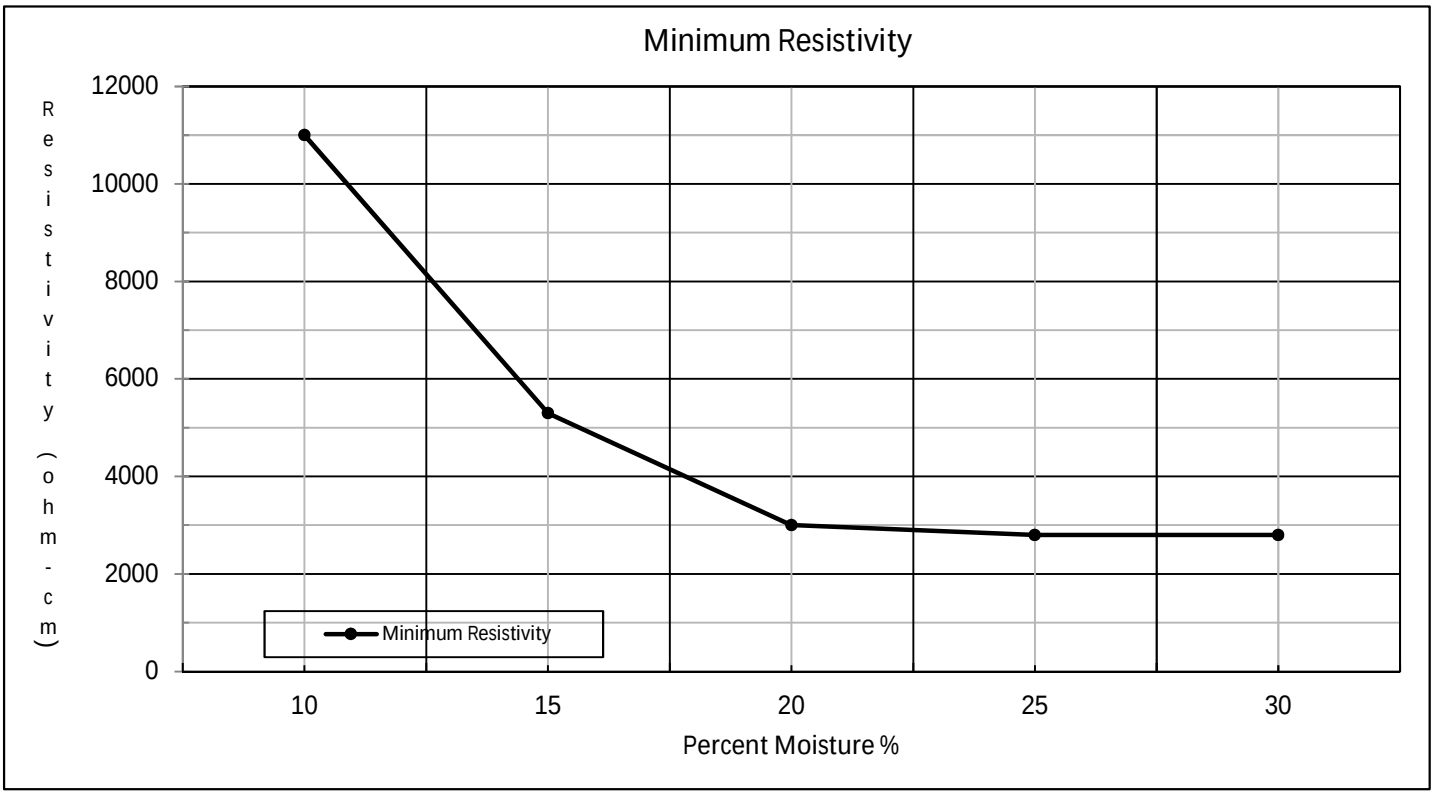
Terracon
1392 13th Ave SW, Great Falls, Montana 59404 (406) 453-5400

Project:	Thompson Falls Sewer Collection System			Date:	3/4/2020
Job No:	C4195054	Report No.:		Sample No.:	grab sample
Drill Hole:	TP-1	Depth:	2'-10'	Tested By:	AP
Classification:	Silty, Clayey Gravel with Sand (GC-GM)			Re-	MDH
viewed By:	Material Size:		-#10		
Remarks:	pH = 7.9, Sulfate Content = .0035% (Tested by Energy Laboratories - Helena)				

Soil Data (As Received)

wet (g):	na	Weight of Sample:	200	Initial Moisture %:	10.00
dry (g):	na	As Received MC%:	na	5% Increments (g)	10.00
pan (g):	na	Beginning MC%	10%	Resistivity (ohm-cm):	2800

% Moisture Added	Reading	Box Constant	Multilplier	Resistivity
10	1.1	10	1000	11000
15	5.3	10	100	5300
20	3	10	100	3000
25	2.8	10	100	2800
30	2.8	10	100	2800
35	2.9	10	100	2900



SUPPORTING INFORMATION

Contents:

Note: All attachments are one page unless noted above.

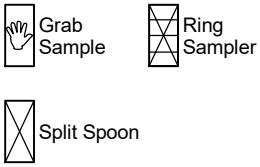
GENERAL NOTES

DESCRIPTION OF SYMBOLS AND ABBREVIATIONS

Thompson Falls Sewer Collection System ■ Thompson Falls, MT

April 3, 2020 ■ Terracon Project No. C4195054

SAMPLING



WATER LEVEL

Water Initially Encountered

Water Level After a Specified Period of Time

Water Level After a Specified Period of Time

Cave In Encountered

Water levels indicated on the soil boring logs are the levels measured in the borehole at the times indicated. Groundwater level variations will occur over time. In low permeability soils, accurate determination of groundwater levels is not possible with short term water level observations.

FIELD TESTS

N	**Standard Penetration Test Resistance (Blows/Ft.)**
(HP)	**Hand Penetrometer**
(T)	**Torvane**
(DCP)	**Dynamic Cone Penetrometer**
UC	**Unconfined Compressive Strength**
(PID)	**Photo-Ionization Detector**
(OVA)	**Organic Vapor Analyzer**

DESCRIPTIVE SOIL CLASSIFICATION

Soil classification as noted on the soil boring logs is based Unified Soil Classification System. Where sufficient laboratory data exist to classify the soils consistent with ASTM D2487 "Classification of Soils for Engineering Purposes" this procedure is used. ASTM D2488 "Description and Identification of Soils (Visual-Manual Procedure)" is also used to classify the soils, particularly where insufficient laboratory data exist to classify the soils in accordance with ASTM D2487. In addition to USCS classification, coarse grained soils are classified on the basis of their in-place relative density, and fine-grained soils are classified on the basis of their consistency. See "Strength Terms" table below for details. The ASTM standards noted above are for reference to methodology in general. In some cases, variations to methods are applied as a result of local practice or professional judgment.

LOCATION AND ELEVATION NOTES

Exploration point locations as shown on the Exploration Plan and as noted on the soil boring logs in the form of Latitude and Longitude are approximate. See Exploration and Testing Procedures in the report for the methods used to locate the exploration points for this project. Surface elevation data annotated with +/- indicates that no actual topographical survey was conducted to confirm the surface elevation. Instead, the surface elevation was approximately determined from topographic maps of the area.

STRENGTH TERMS

RELATIVE DENSITY OF COARSE-GRAINED SOILS (More than 50% retained on No. 200 sieve.) Density determined by Standard Penetration Resistance		**CONSISTENCY OF FINE-GRAINED SOILS** (50% or more passing the No. 200 sieve.) Consistency determined by laboratory shear strength testing, field visual-manual procedures or standard penetration resistance		
Descriptive Term (Density)	**Standard Penetration or N-Value Blows/Ft.**	**Descriptive Term (Consistency)**	**Unconfined Compressive Strength Qu, (psf)**	**Standard Penetration or N-Value Blows/Ft.**
Very Loose	0 - 3	Very Soft	less than 500	0 - 1
Loose	4 - 9	Soft	500 to 1,000	2 - 4
Medium Dense	10 - 29	Medium Stiff	1,000 to 2,000	4 - 8
Dense	30 - 50	Stiff	2,000 to 4,000	8 - 15
Very Dense	> 50	Very Stiff	4,000 to 8,000	15 - 30
		Hard	> 8,000	> 30

RELEVANCE OF SOIL BORING LOG

The soil boring logs contained within this document are intended for application to the project as described in this document. Use of these soil boring logs for any other purpose may not be appropriate.

UNIFIED SOIL CLASSIFICATION SYSTEM

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests [A]					Soil Classification	
					Group Symbol	Group Name [B]
Coarse-Grained Soils: More than 50% retained on No. 200 sieve	**Gravels:** More than 50% of coarse fraction retained on No. 4 sieve	**Clean Gravels:** Less than 5% fines [C]	Cu ³ 4 and 1 £ Cc £ 3 [E]		GW	Well-graded gravel [F]
			Cu < 4 and/or [Cc<1 or Cc>3.0] [E]		GP	Poorly graded gravel [F]
		Gravels with Fines: More than 12% fines [C]	Fines classify as ML or MH		GM	Silty gravel [F, G, H]
			Fines classify as CL or CH		GC	Clayey gravel [F, G, H]
	Sands: 50% or more of coarse fraction passes No. 4 sieve	**Clean Sands:** Less than 5% fines [D]	Cu ³ 6 and 1 £ Cc £ 3 [E]		SW	Well-graded sand [I]
			Cu < 6 and/or [Cc<1 or Cc>3.0] [E]		SP	Poorly graded sand [I]
		Sands with Fines: More than 12% fines [D]	Fines classify as ML or MH		SM	Silty sand [G, H, I]
			Fines classify as CL or CH		SC	Clayey sand [G, H, I]
Fine-Grained Soils: 50% or more passes the No. 200 sieve	**Silts and Clays:** Liquid limit less than 50	**Inorganic:**	PI > 7 and plots on or above “A”		CL	Lean clay [K, L, M]
			PI < 4 or plots below “A” line [J]		ML	Silt [K, L, M]
		Organic:	Liquid limit - oven dried	< 0.75	OL	Organic clay [K, L, M, N]
			Liquid limit - not dried			Organic silt [K, L, M, O]
	Silts and Clays: Liquid limit 50 or more	**Inorganic:**	PI plots on or above “A” line		CH	Fat clay [K, L, M]
			PI plots below “A” line		MH	Elastic Silt [K, L, M]
		Organic:	Liquid limit - oven dried	< 0.75	OH	Organic clay [K, L, M, P]
			Liquid limit - not dried			Organic silt [K, L, M, Q]
Highly organic soils:	Primarily organic matter, dark in color, and organic odor				PT	Peat

[A] Based on the material passing the 3-inch (75-mm) sieve.

[B] If field sample contained cobbles or boulders, or both, add “with cobbles or boulders, or both” to group name.

[C] Gravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

[D] Sands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay.

[E] $Cu = D_{60}/D_{10}$ $\quad Cc = \dfrac{(D_{30})^2}{D_{10} \times D_{60}}$

[F] If soil contains ³ 15% sand, add “with sand” to group name.

[G] If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

[H] If fines are organic, add “with organic fines” to group name.

[I] If soil contains ³ 15% gravel, add “with gravel” to group name.

[J] If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

[K] If soil contains 15 to 29% plus No. 200, add “with sand” or “with gravel,” whichever is predominant.

[L] If soil contains ³ 30% plus No. 200 predominantly sand, add “sandy” to group name.

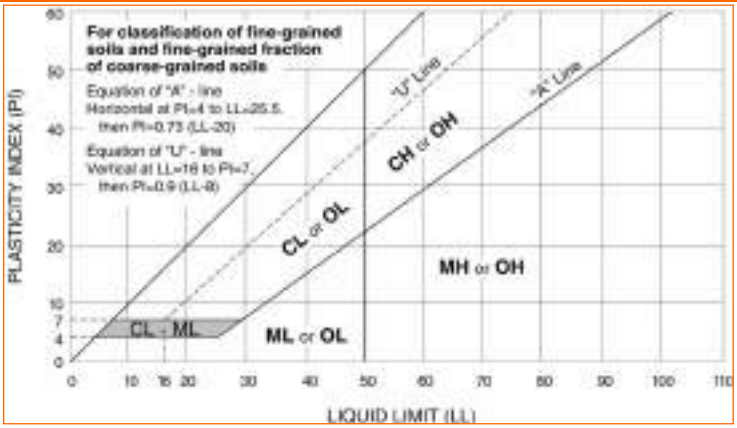
[M] If soil contains ³ 30% plus No. 200, predominantly gravel, add “gravelly” to group name.

[N] PI ³ 4 and plots on or above “A” line.

[O] PI < 4 or plots below “A” line.

[P] PI plots on or above “A” line.

[Q] PI plots below “A” line.



April 17, 2020

Great West Engineering
2501 Belt View Drive
Helena, MT 59604

Attn: Mrs. Carrie Gardner, P.E.
P: [406] 495 6176
E: cgardner@greatwesteng.com

Re: Geotechnical Engineering Report – Addendum No. 1
Sewer Collection System
Thompson Falls, Montana
Terracon Project Number: C4195054

Dear Mrs. Gardner:

Following publication of our Geotechnical Engineering Report dated April 3, 2020, we were informed by Mr. Kevin O'Connor with Great West Engineering that, due to progression of the preliminary design, the Lagoon structures will not be located along the lagoon embankment fill where significant depth of fill was encountered and described in the Existing Fill section of our Geotechnical Engineering Report. Based on the updated design layout provided by Mr. O'Connor, support of foundations for the new lagoon structures is anticipated to be provided within native gravels at locations as shown on Sheet No. C56 (attached) of the proposed lagoon site. If fill is encountered at bearing elevation for these structure locations, overexcavation and replacement with Structural Fill extending to native gravels will be necessary as discussed in the earthwork section of the report for support of new foundations. For foundations bearing on properly prepared native gravel soils or Structural Fill extending to native gravel soils, an allowable bearing pressure of 4,000 pounds per square foot (psf) can by utilized for proportioning. Foundations loaded to this pressure are expected to experience settlement on the order of less than ½ inches.

In addition, a retaining wall has been planned at Lift Station #2 to allow for a level platform for installation of ancillary equipment supporting the lift station. Support of the planned cast-in-place retaining wall should be provided within properly prepared native alluvial sand soils, or if fill is encountered at planned foundation elevations, the fill should be removed and be replaced with Structural Fill as discussed in our Geotechnical Engineering Report. For retaining wall foundations bearing on properly prepared native soils or Structural Fill extending to native soils an allowable bearing pressure of 3,000 pounds per square foot (psf) can by utilized for proportioning. Foundations loaded to this pressure are expected to experience settlement on the order of less than about ¾ inches for walls less than 15 feet in height. For the retaining wall

design, it is important that proper subsurface drainage be incorporated into the design to limit the potential for subgrade softening below the foundation as well as hydrostatic pressure acting on the wall. Recommendations for drainage of the proposed retaining wall at Lift Station #2 should consist of a 4-inch diameter perforated pipe placed at the base of a nominal 12 inch thick layer of ¾ inch to 3/8-inch drainage aggregate installed along the vertical interior face of the retaining wall. The perforated drain pipe should be sloped to drain with outlet locations provided to daylight at a positive discharge point. The use of a non-woven geotextile separation fabric, such as Mirafi 140N or equivalent, should be placed between the drainage aggregate and native gravels/interior backfill. Exterior backfill at the face of the retaining wall shall provide a minimum 4 foot depth from bottom of footing to finish grade to provide for embedment to frost depth. Based on our conversations with Great West Engineering, the attached Retaining Wall Section as shown on Sheet S6 provided by Great West Engineering is in general accordance with our recommendations.

We also had a teleconference with Great West on April 15, 2020, with the focus of that meeting being for Terracon to assist Great West in development of Special Provisions related to excavation difficulty at the project and the backfilling of trenches at the project. We have developed model Special Provisions sections, and those sections are summarized below.

Special Provisions: **Site Conditions**

(a) Because of difficult excavation conditions anticipated within the project limits, the contractor is encouraged to read the geotechnical report from Terracon Consultants titled "Geotechnical Engineering Report: Sewer Collection System, Thompson Falls, Montana" dated April 3, 2020. Failure to read and understand the Geotechnical Report and these Special Provisions shall not be cause for "change-of-condition" claims regarding excavation difficulty.

(b) Excerpted subsurface data from the above-referenced Report includes:

"Within Thompson Falls, glacial flood events resulted in a cycle of extreme erosion followed by extreme high-energy deposition of sand, gravel, cobbles, and small boulders up to 24 inches in size. Due to the high velocity and volume of flow associated with these events, the resulting deposits tend to be very dense, and in some areas, the deposits are calcitically cemented in layers as thick as 3 to 4 feet, often resulting in difficult excavation. Excavatability of the subsurface soils (inclusive of cobbles and small boulders) will vary considerably throughout the project, and will range from slightly difficult in the uncemented sand and gravel-sized material zones south of highway 200 to very difficult (with typical excavation equipment) in the very dense, high-energy sand/gravel zones north of highway 200 that sometimes include glacial flood boulders in the very dense gravel matrix. Recent test pit excavations conducted for the project (see the logs for Test Pits TP-1 (with associated geophysical data) and TP-2) were made to a depth of

10 feet below ground surface using a Caterpillar 420D Backhoe-Loader into dense sand and gravel soils, where the P-wave velocity of the soils in Test Pit TP-1 was below 3,000 feet per second. Conversely, on previous buried utility projects, excavation in some areas was very difficult. The very difficult excavations conditions will also occur within the cemented zones north of Highway 200. These cemented zones, while not discerned by the recent geophysical data likely due to the relatively thin section within the overall depth of geophysical data gathering, have been observed in past projects performed by Terracon in and adjacent to Thompson Falls. Whether the gravel is cemented or whether there are flood boulders within the sand/gravel matrix, sewer trench excavation may be practically impossible in some areas, even with large hydraulic excavators (hereinafter defined as an excavator equivalent to a Caterpillar 345-series Excavator OR SMALLER) employing rock teeth on the buckets. To achieve the required excavation depths in these areas, we recommend the earthwork contractor give consideration to utilizing an excavator fitted with a large hydraulic demolition hammer employed with the conventional excavation equipment to break up the boulders or break through the cemented zones to allow trench excavation to proceed".

Drilling refusal was encountered in Borings B-05, B-10, B-12, B-36, L-1, and LS-2. A summary of refusal locations, correlative P-wave velocities (where measured adjacent to a specific exploration feature), and the Terracon interpretation of the reason(s) for refusal are included in the table below.

Boring/Test Pit No.	Refusal Depth, Ft.	P-Wave Velocity, Ft./Sec., at Refusal Depth	Refusal Cause, Estimated
B-01	N/A	2500 at 6.0'	(No Refusal)
B-05	9.0	N/A	Cobbles, Boulders
B-08	N/A	1500 at 6.0'	(No Refusal)
B-10	7.1	2500 at 6.0'	Boulders/Cemented
B-12	12.0	N/A	Boulders/Cemented
B-18	15.1	N/A	Boulders/Cemented
B-35	3.2	N/A	Cobbles, Boulders
B-36	7.8	2400 at 7.8'	Cobbles, Boulders
L-1	4.0	2700 at 4.0	Cobbles, Boulders
L-3	22.0	N/A	Boulders/Cemented
LS-2	10.0	N/A	Boulders/Cemented
LS-2A	N/A	2000 at 6.0'	(No Refusal)
TP-1	N/A	2000 at 6.0'	(No Refusal)

In some areas, large cobbles and/or boulders were clearly the cause of drilling refusal. In other areas, a combination of cementation and boulders appeared to be the cause of

drilling refusal. It should be noted that exploratory test pits conducted at the site of the proposed Horizontal Directional Drilling site (between Test Pits TP-1 and TP-2) were successfully excavated with a Caterpillar 420D series backhoe-loader to depths of 10 feet, with the P-wave velocity at Test Pit TP-1 did not exceed approximately 2,000 feet per second.

Based on the results of the exploratory borings and the geophysical results, it is our opinion that at least half of the sewer trench excavations may require a large excavator working in concert with an excavator-mounted demolition hammer to break up boulders and/or break through cemented layers to achieve the required trench excavation depths".

Special Provisions: Proposed Excavation Equipment and Excavation Operator Experience

a) The contractor shall provide a list of proposed excavation equipment including backhoes, hydraulic excavators, hydraulic rock hammers, and other proposed excavation equipment.

b) The contractor shall provide a narrative supporting the Contractor's or Sub-Contractor's individual operator's experience on similar projects where buried utility installation included excavation of material sizes including sand, gravel, cobbles, and boulders up to 24 inches in dimension, where the aforementioned material sizes may be cemented into lenses up to 3 feet in thickness, using the proposed excavation equipment in subparagraph (i) above.

Special Provisions: Trench Backfill

a) Trench backfilling shall include pipe bedding compacted in lifts not to exceed 6 inches and to at least 95% of the maximum dry density in accordance with the requirements of either ASTM D 698 or AASHTO T-99.

b) Pipe bedding shall extend from 4 inches below the pipe invert elevation to 6 inches above the crown of the pipe.

c) Pipe Bedding material shall include one of the following materials: i) Montana Public Works Standard Specification for Type I Pipe Bedding, ii) A ¾" minus gradation for either "Structural Fill" or "Crushed Base Course" as outlined in the attached **FILL MATERIAL TYPES** of the "Geotechnical Engineering Report: Sewer Collection System, Thompson Falls, Montana" dated April 3, 2020.

d) Soils excavated from the trenches may be used for backfill above the Pipe Bedding and below Subgrade, as long as ALL material larger than 8 inches is removed from the

proposed **Trench Backfill** material. In addition, material sizes between 3 and 8 inches maximum dimension shall be evenly distributed throughout the backfill, and pockets of (for example) 8-inch-only material shall be installed within a 3-inch-minus matrix.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this addendum, the original geotechnical engineering report, or if we can be of further service, please contact us.

Sincerely,
Terracon Consultants, Inc.

J. Adam Proud, P.E.
Staff Geotechnical Engineer

Matthew D. Hoffmann, P.E.
Office Manager

APR Reviewer: Brian J. Williams, P.E., P.G.

CELL #2A

CELL #1B

CELL #2B

CELL #1A

Majority of the embankment fill along the east end of the lagoon as described in the Existing Fill section of the Geotechnical Engineering Report

EXISTING INFLUENT SPLITTER BOX TO BE ABANDONED IN PLACE

EXISTING 6" AC FORCEMAIN FROM MAIN LIFT STATION TO BE ABANDONED IN PLACE

TELESCOPING VALVE 1/C59

1/P3 POLISHING REACTOR

UV DISINFECTION BUILDING 1/P5

EXISTING BLOWER BUILDING

P1 HEADWORKS BUILDING

METER VAULT 1/C58

1/C58 JUNCTION BOX

1/C60

IF ADDITIVE ALTERNATE NO. 3 NOT AWARDED, CONTRACTOR TO CONNECT TO EXISTING FORCEMAIN (SEE SHEET C73)

PLAN VIEW OF PROPOSED LAGOON SITE & PROCESS PIPING LAYOUT

0 20 40

SCALE IN FEET

NORTH

GENERAL NOTES:

1. SEE SHEET C55 FOR EXISTING LAGOON SYSTEM AND DEMOLITION PLAN. MANY OF THE EXISTING SEWER INFLUENT AND EFFLUENT LINES AND AIR LINES TO BE REMOVED OR ABANDONED IN PLACE NOT SHOWN FOR CLARITY.
2. EXISTING AND PROPOSED CONTOURS NOT SHOWN FOR CLARITY. SEE SHEET C57 FOR GRADING PLAN.
3. SEE SHEET XX FOR PROPOSED AERATION PIPING LAYOUT.
4. SEE PROCESS SHEETS XX–XX FOR MORE INFORMATION ON AERATION PIPING FOR THE EXISTING CELLS 1 AND 2.
5. SEE APPENDIX A FOR INFORMATION ON SK GEOTECHNICAL BORING LOGS.

MATERIAL AND EQUIPMENT LIST, AND DESCRIPTION OF WORK, SHEET C56:

1. BAFFLE ANCHOR (TYP.).
2. LEMNA HYDRAULIC BAFFLE (TYP. OF 2).
3. BAFFLE PORTHOLE (TYP.).
4. BAFFLE REVERSE MITER (TYP. OF 2).

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT: 1-16137
DESIGNED: CAG
DRAWN: LMW
CHECKED: ----
APPROVED: ----
DATE: MARCH 3, 2020

DRAFT

GreatWest engineering®
2501 BELT VIEW DRIVE
HELENA, MT 59601
(406) 442-0524

CITY OF THOMPSON FALLS, MONTANA
WASTEWATER SYSTEM IMPROVEMENTS
PROPOSED LAGOON SITE & PROCESS PIPING LAYOUT

SHEET NO.
C56
63 OF ----

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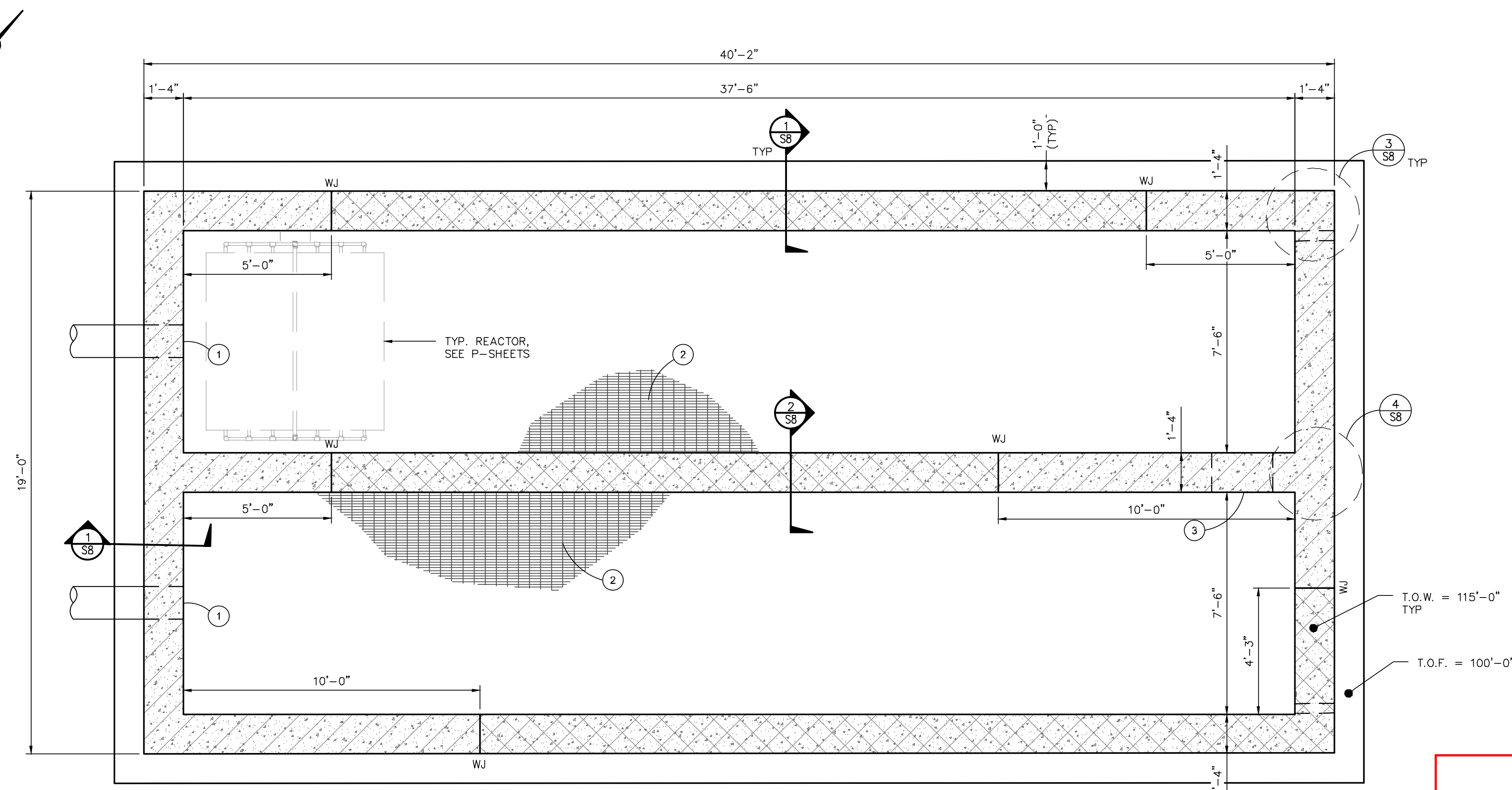
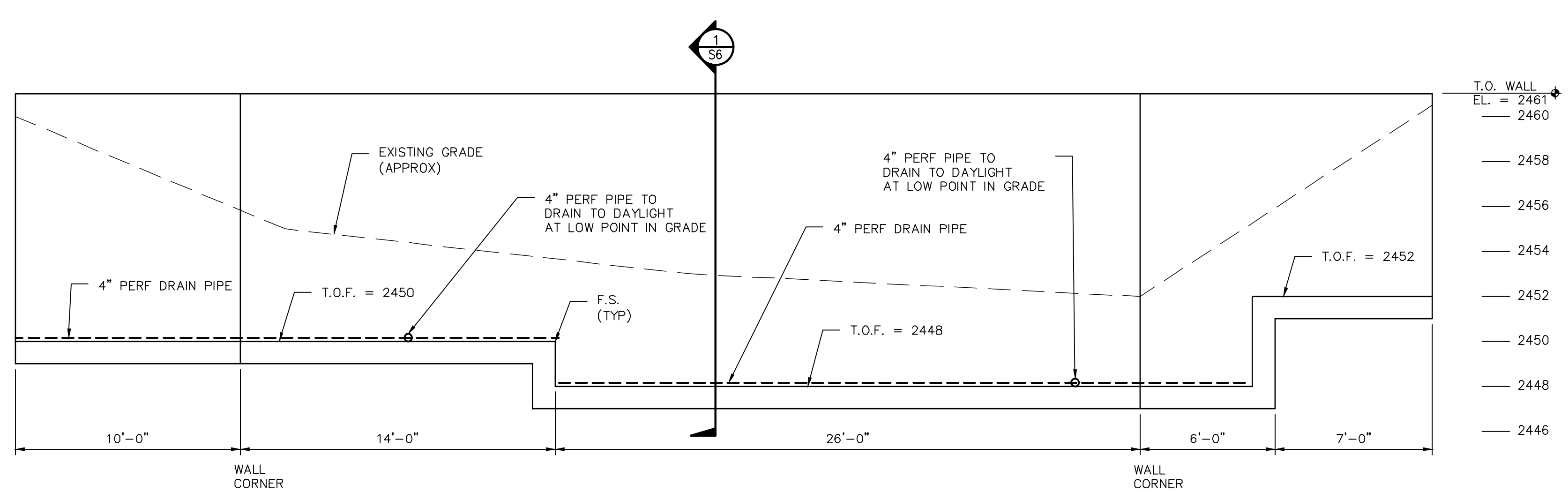


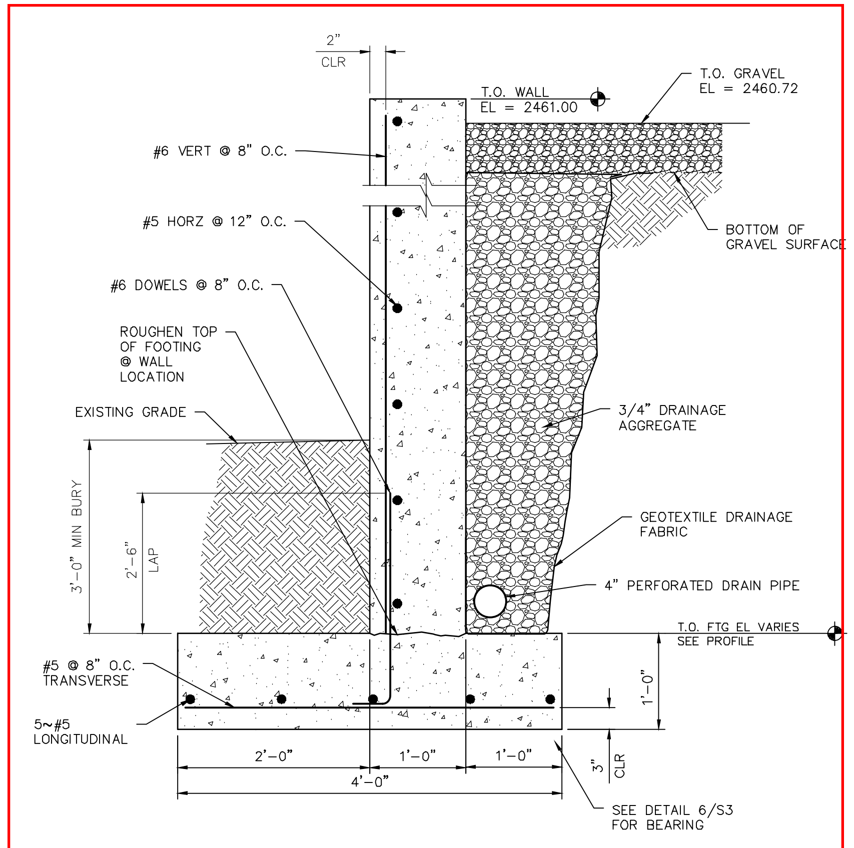
POLISHING REACTOR FOUNDATION PLAN

SCALE: $\frac{3}{16}$" = 1'-0" REF TOF EL = 100'-0" = ACTUAL EL = 2525.00 (VERIFY W/ CIVIL DRAWINGS)



RETAINING WALL PROFILE LIFT STATION #2

SCALE: $\frac{1}{8}$" = 1'-0"
SEE SHEET Cx FOR PLAN



RETAINING WALL SECTION

SCALE: $\frac{1}{2}$" = 1'-0"

GENERAL NOTES

1. PLACE POLISHING REACTOR WALLS IN MIN 2 CONCRETE POURS (5 WALL SEGMENTS AS SHOWN IN PLAN). ALLOW EACH WALL SEGMENT TO CURE MIN 48 HOURS BEFORE PLACING THE ADJACENT SEGMENTS.
2. CONTRACTOR'S OPTION TO PLACE POLISHING REACTOR SLAB IN MULTIPLE POURS. USE DETAIL 6/S8 SIM @ CONSTRUCTION JOINTS AND ALLOW SEGMENTS TO CURE 48 HOURS MIN BEFORE ADJACENT POURS. PLACE JOINTS AS SHOWN ON PLAN OR AN APPROVED EQUAL LAYOUT.
3. SEE CIVIL & PROCESSING SHEETS FOR PIPE PENETRATIONS & FITTINGS.
4. SEE PROJECT SPECIFICATIONS FOR POLISHING REACTOR CONCRETE MIXTURE (HYDRAULIC STRUCTURES).

KEYED NOTES

1. PIPING OPENINGS THROUGH FOUNDATION WALL. SEE DETAIL 5/S8.
2. ALUMINUM GRATING, SEE PROJECT SPECIFICATIONS. SEE DETAIL 7/S8 FOR BEARING. TOP OF GRATING EL = 99'-XX" (2540.00).
3. FLOW-THROUGH WINDOW BELOW, SEE SHEET P3. REINFORCE OPENING PER 5/S8.

LEGEND

TOF	TOP OF FOOTING ELEVATION
TOW	TOP OF WALL ELEVATION
FS	FOOTING STEP, SEE 5/S3
WJ	WALL JOINT, SEE 6/S8

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT: 1-16137
DESIGNED: KDO, MAS
DRAWN: PKS
CHECKED: MAS
APPROVED: CAG
DATE: APRIL, 2020

DRAFT

GreatWest engineering®
2501 BELT VIEW DRIVE
HELENA, MT 59601
(406)449-8627

CITY OF THOMPSON FALLS, MONTANA
WASTEWATER SYSTEM IMPROVEMENTS
POLISHING REACTOR STRUCTURE PLAN

SHEET NO.
S6
OF ----

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APPENDIX GG

Existing Liner Testing & Analysis

April 2, 2020
April 13, 2020 Added SP-NCTL results and Density retest
April 14, 2020 Final Report

Mail To:

Carrie A. Gardner, P.E.
Great West Engineering
P.O. Box 4817
Helena, MT 59604

email: cgardner@greatwesteng.com

Bill To:

<= Same (PO: Thompson Falls WWT Liner Evalution)

Dear Ms. Gardner:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Textured Geomembrane Testing**
TRI Job Reference Number:	54556
Material(s) Tested:	One, Textured Geomembrane(s)
Test(s) Requested:	Thickness (ASTM D 5994) Density (ASTM D 1505) Carbon Black Content (ASTM D 4218) Melt Flow Index (ASTM D 1238, Method A, 190°C / 2.16 kg) Tensile Properties (ASTM D 6693) Tear Resistance (ASTM D 1004) Oxidative Induction Time (ASTM D 3895) High Pressure Oxidative Induction Time (ASTM D 5885) SP-NCTL Stress Crack Resistance (ASTM D 5397, App) Assessment Report Inspection and Photographs

Evaluation

The results of mechanical tests suggest that the geomembrane has retained excellent strength and flexibility. This is good news given its reported exposure to the elements over a period in excess of 20 years. The resistance to stress crack was also excellent measuring greater than 500 hours which meets current industry standard. These measured properties are excellent and reveal a geomembrane that is in good condition. The thermal analysis tests show an aging geomembrane in the context of stabilizer loss. The OIT values were very small, less than 30 minutes, and the HPOIT tests show a modest signature of hindered amines. This suggests that the geomembrane, while still stabilized with antioxidants, has already lost much of its protective package.

TRI recommends that the geomembrane be watched closely and evaluated again in 2-3 years. The reason for this is related to the low OIT and HPOIT values and the fact that when these values reach near-zero, the geomembrane will begin to change as it will be more susceptible to oxidation, accelerated by exposure to UV radiation and elevated temperatures in the Summer.

If any repairs or modifications to the lining system are to occur, TRI recommends robust surface cleaning prior to welding and/or patching to remove any surface oils and oxidized surface “skin” that may be present.

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

Sam R. Allen

Sam Allen
Vice Prsident
Geosynthetic Services Division

*Signature is on file

GEOMEMBRANE TEST RESULTS
TRI Client: Great West Engineering
Project: Textured Geomembrane Testing

Material: Textured Geomembrane
Sample Identification: Liner Sample / Lagoon 2 / Cell 2
TRI Log #: 54556

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.
	1	2	3	4	5	6	7	8	9	10		
Thickness (ASTM D 5994)												
Thickness (mils)	65	64	65	63	61	63	62	61	61	61	**62**	2
											61	<< min
Density (ASTM D 1505)												
Density (g/cm3)	0.948	0.948	0.948								**0.948**	0.000
Carbon Black Content (ASTM D 4218)												
% Carbon Black	2.85	2.74									**2.80**	0.08
Melt Flow Index (ASTM D 1238, Method A, 190/2.16)												
Melt Flow Index (g/10 min)	0.09	0.10									**0.09**	
Tensile Properties (ASTM D 6693, 2 ipm strain rate)												
MD Yield Strength (ppi)	196	187	192	190	190						**191**	3
TD Yield Strength (ppi)	190	189	191	193	192						**191**	2
MD Break Strength (ppi)	147	149	160	137	203						**159**	26
TD Break Strength (ppi)	133	125	116	183	139						**139**	26
MD Yield Elongation (%)	17	18	16	18	17						**17**	1
TD Yield Elongation (%)	15	17	16	16	16						**16**	1
MD Break Elongation (%)	73	421	234	265	515						**302**	172
TD Break Elongation (%)	90	260	292	471	114						**245**	154
Tear Resistance (ASTM D 1004)												
MD Tear Strength (lbs)	63	64	64	62	63	64	63	63	63	61	**63**	1
TD Tear Strength (lbs)	65	64	65	63	64	60	63	65	62	65	**64**	2
Oxidative Induction Time (ASTM D 3895)												
OIT (minutes)	29	29									**29**	0
High Pressure Oxidative Induction Time (ASTM D 5885)												
Specimen Preparation: Specimens bore cut from a pulverized and plaqued/filmed sample.												
HPOIT (minutes)	154										**154**	

MD Machine Direction TD Transverse Direction

GEOMEMBRANE TEST RESULTS
TRI Client: Great West Engineering
Project: Textured Geomembrane Testing

Material: Textured Geomembrane
Sample Identification: Liner Sample / Lagoon 2 / Cell 2
TRI Log #: 54556

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.
SP-NCTL Stess Crack Resistance (ASTM D 5397, App)												
Material Type: Plaque from TXGM												
SURFACTANT:	CO-630											
EXPOSURE PERIOD:	**500**	**Hours**										
DATE TEST STARTED:	**23-Mar-20**											
TEST TEMPERATURE:	50C											

Yield stress:	**2562**	(psi)				
Yield stress:	17.7	(MPa)	Mechanical Advantage	5		
x 30%	769	(x 0.30)	Lever Weight	0.33	(lbs)	
x hinge thickness (in)	**0.060**	(80% of thickness)	Lever Weight	1.4685	(N)	
x hinge thickness (mm)	1.524	(80% of thickness)	Grip Weight	0.09	(lbs)	
x specimen width	0.124	(0.124")	Grip Weight	0.4005	(N)	
x specimen width	3.15	(3.18 mm)				
Load	5.72	(lbs)				
Load	25.45	(N)				

Applied load = (Load - Lever Weight + Grip Weight)/Mechanical Advantage = 1.10 lbs = 497 grams

Replicate No.:	1	2	3	4	5	
No. Hours to Failure:	>500	>500	>500	>500	>500	>500

Tensile Specimen Tests

Tear Specimen Tests

NOTE: Mechanical tests reveal robust strenfgth and flexibility.

APPENDIX HH

Phase 3 & 4 Opinion of Probably Costs

OPINION OF PROBABLE COST
CITY OF THOMPSON FALLS WASTEWATER IMPROVEMENTS PROJECT
PHASE 3 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)

#	BID ITEM	QTY	UNITS	UNIT PRICE [1]	TOTAL
1	Exploratory Excavation	50	HR	$ 350.00	$ 17,500
2	8" PVC SDR 35 Sewer Main	11,697	LF	$ 75.00	$ 877,275
3	Imported Backfill	1,733	CY	$ 28.00	$ 48,521
4	Standard Manholes	40	EA	$ 4,600.00	$ 184,000
5	Service Connection at Main	181	EA	$ 275.00	$ 49,775
6	Gravity 4" Sewer Service Line	16,200	LF	$ 35.00	$ 567,000
7	4" Sewer Service Connection at Home	181	EA	$ 500.00	$ 90,500
8	4" Sewer Service Cleanout	543	EA	$ 200.00	$ 108,600
9	Grinder Pump Service Unit	26	EA	$ 8,500.00	$ 221,000
10	Grinder Pump Service Unit Connection to Existing	14	EA	$ 400.00	$ 5,600
11	Grinder Pump Service Unit Connection at Grinder	26	EA	$ 275.00	$ 7,150
12	Pressure Service Connection at low Pressure Forcemain	12	EA	$ 300.00	$ 3,600
13	1.5" Curb Stop/Check Valve	19	EA	$ 300.00	$ 5,700
14	Pressure 1.5" HDPE Service Line	1,900	LF	$ 25.00	$ 47,500
15	Low Pressure Forcemain (2" HDPE)	780	LF	$ 30.00	$ 23,400
16	Abandon Existing Septic Tanks	181	EA	$ 1,500.00	$ 271,500
17	Service Line Surface Restoration	18,100	LF	$ 20.00	$ 362,000
18	Lift Station #3	1	LS	$ 150,000.00	$ 150,000
19	Lift Station #3 Emergency Generator	1	LS	$ 125,000.00	$ 125,000
20	4" Forcemain	1,900	LF	$ 50.00	$ 95,000
21	4" Forcemain Fittings	12	EA	$ 1,400.00	$ 16,800
22	Sidewalk Removal & Replacement	600	SF	$ 28.00	$ 16,800
23	Curb Removal & Replacement	500	LF	$ 25.00	$ 12,500
24	Rock Hammer	1,170	HR	$ 300.00	$ 350,910
25	Type A Surface Restoration (AC)	12,477	LF	$ 45.00	$ 561,465
26	Type B Surface Restoration (Agg)				$ -
27	Type C Surface Restoration (Open)				$ -
28	Electrical	20%	LS	$ 275,000.00	$ 55,000
29	Instrumentation and Control - Separate Contrac	1	LS	$ 15,000.00	$ 15,000
	Direct Construction Subtotal				**$ 4,289,000**
	Mobilization		10.0%		$ 429,000
	Traffic Control		4%		$ 172,000
	Contingency		10%		$ 429,000
	Construction Subtotal				**$ 5,319,000**
	2022 Construction Cost [2]		3.0%		$ 5,643,000
	Land Acquisition				
	Water Rights				
	Right-of-Way & Permits				$ 15,000
	Hydrogeologic Investigation				
	Geotechnical Investigation				$ 40,000
	Engineering		20%		$ 1,064,000
	Legal & Administrative		3.5%		$ 186,000
	TOTAL				**$ 6,948,000**

[1] Estimated unit costs are based upon estimates from suppliers and bid tabs for similar projects throughout Montana.

[2] The ENR 20 year average Construction Cost Index is +2.95% (as of December 2018), so capital costs are projected to an anticipated construction date in 2022 using a 3% inflation rate.

TABLE
OPINION OF PROBABLE ANNUAL OPERATION & MAINTENANCE COSTS
CITY OF THOMPSON FALLS WASTEWATER IMPROVEMENTS PROJECT
PHASE 3 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)

#	ITEM	QTY	UNITS	UNIT PRICE	TOTAL
1	Salaries/Benefits	100	MH	$ 25.00	$ 2,500.00
2	Administration	40	HR	$ 20.00	$ 800.00
3	Lift Station #3 Power	10050	KWH	$ 0.12	$ 1,206.00
4	Spare Parts/Repair/Maintenance	1	LS	$ 4,000.00	$ 4,000.00
5	Contract Services/Trades	1	LS	$ 2,000.00	$ 2,000.00
6	Clean 20% of Collection System	2339.4	LF	$ 2.25	$ 5,263.65
7	Reserve	1	LS	$ 2,500.00	$ 2,500.00
	TOTAL				**$ 18,300.00**

OPINION OF PROBABLE COST
CITY OF THOMPSON FALLS WASTEWATER IMPROVEMENTS PROJECT
PHASE 4 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)

#	BID ITEM	QTY	UNITS	UNIT PRICE [1]	TOTAL
1	Exploratory Excavation	50	HR	$ 350.00	$ 17,500
2	8" PVC SDR 35 Sewer Main	16,144	LF	$ 75.00	$ 1,210,781
3	Imported Backfill	2,392	CY	$ 28.00	$ 66,967
4	Standard Manholes	50	EA	$ 4,600.00	$ 232,066
5	Service Connection at Main	137	EA	$ 275.00	$ 37,675
6	Gravity 4" Sewer Service Line	12,300	LF	$ 35.00	$ 430,500
7	4" Sewer Service Connection at Home	137	EA	$ 500.00	$ 68,500
8	4" Sewer Service Cleanout	411	EA	$ 200.00	$ 82,200
9	Grinder Pump Service Unit	14	EA	$ 8,500.00	$ 119,000
10	Grinder Pump Service Unit Connection to Existing	12	EA	$ 400.00	$ 4,800
11	Grinder Pump Service Unit Connection at Grinder	19	EA	$ 275.00	$ 5,225
12	Pressure Service Connection at Main	2	EA	$ 300.00	$ 600
13	1.5" Curb Stop/Check Valve	14	EA	$ 300.00	$ 4,200
14	Pressure 1.5 HDPE Service Line	1,400	LF	$ 25.00	$ 35,000
15	Abandon Existing Septic Tanks	181	EA	$ 1,500.00	$ 271,500
16	Service Line Surface Restoration	13,700	LF	$ 20.00	$ 274,000
17	Lift Station #4	1	LS	$ 150,000.00	$ 150,000
18	Lift Station #3 Emegency Generator	1	LS	$ 125,000.00	$ 125,000
19	4" Forcemain	3,560	LF	$ 50.00	$ 178,000
20	4" Forcemain Fittings	16	EA	$ 1,400.00	$ 22,400
21	Sidewalk Removal & Replacement	600	SF	$ 28.00	$ 16,800
22	Curb Removal & Replacement	500	LF	$ 25.00	$ 12,500
23	Rock Hammer	1,614	HR	$ 300.00	$ 484,313
24	Type A Surface Restoration (AC)	16,144	LF	$ 45.00	$ 726,469
25	Type B Surface Restoration (Agg)				$ -
26	Type C Surface Restoration (Open)				$ -
27	Electrical	20%	LS	$ 275,000.00	$ 55,000
28	Instrumentation and Control - Separate Contract	1	LS	$ 15,000.00	$ 15,000
	Direct Construction Subtotal				**$ 4,646,000**
	Mobilization		10.0%		$ 465,000
	Traffic Control		4%		$ 186,000
	Contingency		10%		$ 465,000
	Construction Subtotal				**$ 5,762,000**
	2023 Construction Cost [2]		3.0%		$ 6,296,000
	Land Acquisition				
	Water Rights				
	Right-of-Way & Permits				$ 15,000
	Hydrogeologic Investigation				
	Geotechnical Investigation				$ 40,000
	Engineering		20%		$ 1,152,000
	Legal & Administrative		3.5%		$ 202,000
	TOTAL				**$ 7,705,000**

[1] Estimated unit costs are based upon estimates from suppliers and bid tabs for similar projects throughout Montana.

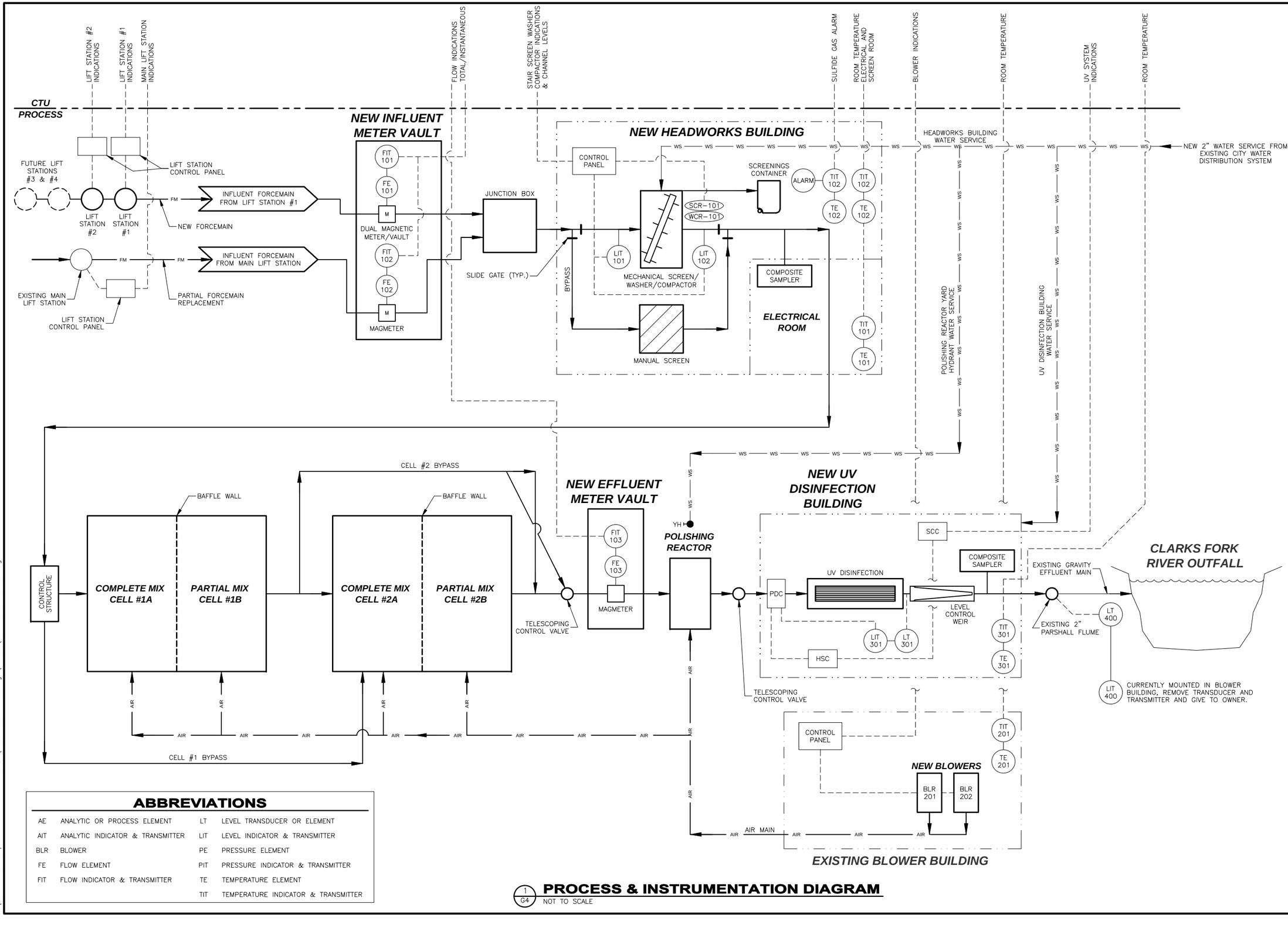
[2] The ENR 20 year average Construction Cost Index is +2.95% (as of December 2018), so capital costs are projected to an anticipated construction date in 2023 using a 3% inflation rate.

OPINION OF PROBABLE ANNUAL OPERATION & MAINTENANCE COSTS
CITY OF THOMPSON FALLS WASTEWATER IMPROVEMENTS PROJECT
PHASE 4 - COLLECTION SYSTEM IMPROVMENTS (Alt C-1)

#	ITEM	QTY	UNITS	UNIT PRICE	TOTAL
1	Salaries/Benefits	100	MH	$ 25.00	$ 2,500.00
2	Administration	40	HR	$ 20.00	$ 800.00
3	Lift Station #3 Power	8000	KWH	$ 0.12	$ 960.00
4	Spare Parts/Repair/Maintenance	1	LS	$ 2,100.00	$ 2,100.00
5	Contract Services/Trades	1	LS	$ 2,000.00	$ 2,000.00
6	Clean 20% of Collection System	3228.75	LF	$ 2.25	$ 7,264.69
7	Reserve	1	LS	$ 2,500.00	$ 2,500.00
	TOTAL				**$ 18,100.00**

APPENDIX II

2020-2021 Upgraded Treatment Process Diagram



ABBREVIATIONS

AE	ANALYTIC OR PROCESS ELEMENT	LT	LEVEL TRANSDUCER OR ELEMENT
AIT	ANALYTIC INDICATOR & TRANSMITTER	LIT	LEVEL INDICATOR & TRANSMITTER
BLR	BLOWER	PE	PRESSURE ELEMENT
FE	FLOW ELEMENT	PIT	PRESSURE INDICATOR & TRANSMITTER
FIT	FLOW INDICATOR & TRANSMITTER	TE	TEMPERATURE ELEMENT
		TIT	TEMPERATURE INDICATOR & TRANSMITTER

1 / G4 **PROCESS & INSTRUMENTATION DIAGRAM**
NOT TO SCALE

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT: 1-16137
DESIGNED: CAG, SKH
DRAWN: LMW
CHECKED: CRP, AMD
APPROVED: CAG, SKH
DATE: APRIL 2020

CARRIE ANNE GARDNER 40759PE APRIL 2020 LICENSED PROFESSIONAL ENGINEER
GreatWest engineering®
2501 BELT VIEW DRIVE HELENA, MT 59601 (406)449-8627

CITY OF THOMPSON FALLS, MONTANA
WASTEWATER SYSTEM IMPROVEMENTS
PROCESS & INSTRUMENTATION DIAGRAM

SHEET NO.
G4
4 OF 190

J:\1-16137-Thompson Falls Wastewater PER\CADD 1-16137 Design\Sheets\1-16137-04-P&ID.dwg

APPENDIX JJ

2019 Sludge Sampling and Analysis

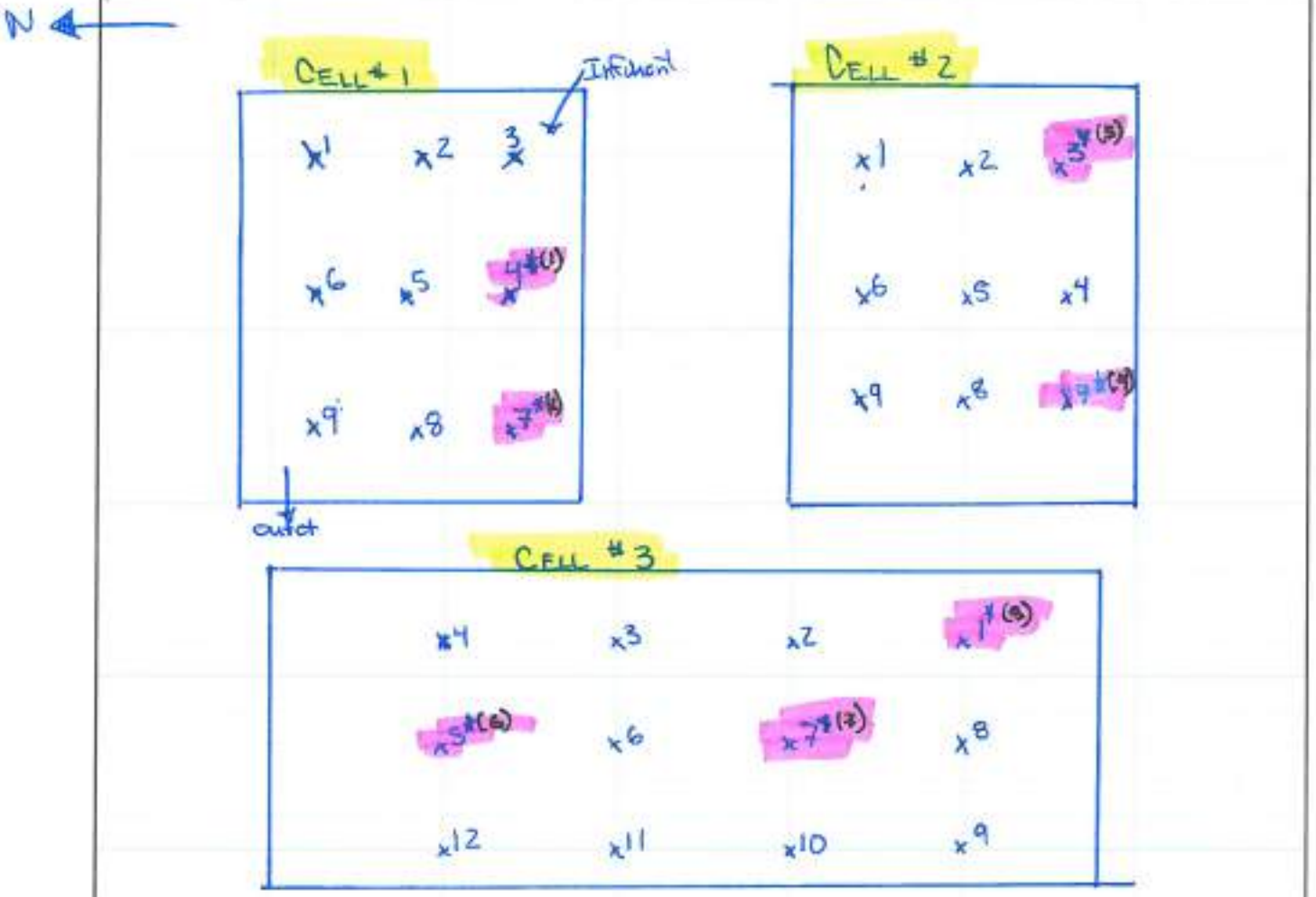
GREAT WEST ENGINEERING®

PROJECT NAME Thompson Falls — SHEET NO. ____ OF ____

SUBJECT WW - Sludge Sampling / Testing locations — PROJECT NO. ____

MADE BY CG — DATE 10.17.19 — CHECKED BY ____ — DATE ____

REVISED BY ____ — DATE ____ — RECHECKED BY ____ — DATE ____



- DEPTHS & COMPOSITE SAMPLES WERE TAKEN AS SHOWN ON 10.17.19
  - DEPTHS WERE RECORDED SEPARATELY - SEE DEPTH SHEET.
  - ENERGY LAB ANALYSES REPORT DATED 10.29.19, INCLUDES COMPOSITE SAMPLE RESULTS.

DISCRETE SAMPLES

- Descrete samples are noted as i.e. 4 x (1)
  - (1) – (7) correspond to the 7 sludge samples & are included in the Energy Lab Analysis Report dated 10.29.19

ANALYTICAL SUMMARY REPORT

October 29, 2019

Great West Engineering
PO Box 4817
Helena, MT 59604-4817

Work Order: H19100373

Project Name: Thompson Falls WW

Energy Laboratories Inc Helena MT received the following 8 samples for Great West Engineering on 10/17/2019 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H19100373-001	Composite	10/16/19 15:00	10/17/19	Solid	Metals by ICP/ICPMS, Total Mercury in Solid By CVAA Ammonia as N, KCL Extract Nitrate as N, KCL Extract Nitrogen, Total Kjeldahl Percent Moisture Total Metals Digestion by SW3050B Mercury Digestion by SW7471B KCL Soil Extract ASA33-3 TKN prep E351.2 Solids Content Soil Preparation USDA1
H19100373-002	1	10/16/19 15:00	10/17/19	Sludge	Bacteria, Fecal Coliform-sludge Solids Content
H19100373-003	2	10/16/19 15:00	10/17/19	Sludge	Same As Above
H19100373-004	3	10/16/19 15:00	10/17/19	Sludge	Same As Above
H19100373-005	4	10/16/19 15:00	10/17/19	Sludge	Same As Above
H19100373-006	5	10/16/19 15:00	10/17/19	Sludge	Same As Above
H19100373-007	6	10/16/19 15:00	10/17/19	Sludge	Same As Above
H19100373-008	7	10/16/19 15:00	10/17/19	Sludge	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 3161 E. Lyndale Ave., Helena, MT 59604, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these test results, please contact your Project Manager.

Report Approved By:

CLIENT: Great West Engineering
Project: Thompson Falls WW
Work Order: H19100373

Report Date: 10/29/19

CASE NARRATIVE

Tests associated with analyst identified as ELI-B were subcontracted to Energy Laboratories, 1120 S. 27th St., Billings, MT, EPA Number MT00005.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-001
Client Sample ID: Composite

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Solid

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	96.1	wt%		0.2		D2974	10/22/19 11:56 / iej
Solids, Total	3.74	wt%		0.01		A2540 G	10/18/19 10:06 / stp
CHEMICAL CHARACTERISTICS							
Nitrogen, Kjeldahl, Total as N	28200	mg/kg-dry	D	2000		E351.2	10/24/19 12:50 / eli-b
NUTRIENTS							
Ammonia as N, KCL Extract	1410	mg/kg-dry	D	100		ASA33-7	10/28/19 16:06 / kmd
Nitrate as N, KCL Extract	12	mg/kg-dry		3		ASA33-8	10/28/19 09:58 / kmd
3050 EXTRACTABLE METALS							
Arsenic	8.8	mg/kg-dry		0.9		SW6020	10/22/19 16:23 / dck
Cadmium	2.2	mg/kg-dry		0.6		SW6020	10/22/19 16:23 / dck
Chromium	29	mg/kg-dry		3		SW6020	10/22/19 16:23 / dck
Copper	497	mg/kg-dry		3		SW6020	10/22/19 16:23 / dck
Lead	34	mg/kg-dry		4		SW6020	10/22/19 16:23 / dck
Molybdenum	5.4	mg/kg-dry		0.8		SW6020	10/22/19 16:23 / dck
Nickel	19	mg/kg-dry		1		SW6020	10/22/19 16:23 / dck
Selenium	2	mg/kg-dry		2		SW6020	10/22/19 16:23 / dck
Zinc	806	mg/kg-dry		8		SW6010B	10/22/19 19:05 / sld
METALS, TOTAL							
Mercury	0.46	mg/kg-dry		0.050		SW7471B	10/25/19 10:07 / ber

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-002
Client Sample ID: 1

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Sludge

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MICROBIOLOGICAL							
Bacteria, Fecal Coliform, as Received	<91	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
Bacteria, Fecal Coliform, Dry Basis	<1100	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
PHYSICAL CHARACTERISTICS							
Solids, Total	8.03	wt%		0.01		A2540 G	10/18/19 10:06 / stp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-003
Client Sample ID: 2

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Sludge

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MICROBIOLOGICAL							
Bacteria, Fecal Coliform, as Received	2400	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
Bacteria, Fecal Coliform, Dry Basis	47000	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
PHYSICAL CHARACTERISTICS							
Solids, Total	5.11	wt%		0.01		A2540 G	10/18/19 10:06 / stp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-004
Client Sample ID: 3

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Sludge

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MICROBIOLOGICAL							
Bacteria, Fecal Coliform, as Received	<91	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
Bacteria, Fecal Coliform, Dry Basis	<2200	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
PHYSICAL CHARACTERISTICS							
Solids, Total	4.09	wt%		0.01		A2540 G	10/18/19 10:06 / stp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-005
Client Sample ID: 4

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Sludge

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MICROBIOLOGICAL							
Bacteria, Fecal Coliform, as Received	<91	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
Bacteria, Fecal Coliform, Dry Basis	<1500	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
PHYSICAL CHARACTERISTICS							
Solids, Total	6.03	wt%		0.01		A2540 G	10/18/19 10:06 / stp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-006
Client Sample ID: 5

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Sludge

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MICROBIOLOGICAL							
Bacteria, Fecal Coliform, as Received	<91	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
Bacteria, Fecal Coliform, Dry Basis	<2900	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
PHYSICAL CHARACTERISTICS							
Solids, Total	3.15	wt%		0.01		A2540 G	10/18/19 10:06 / stp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-007
Client Sample ID: 6

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Sludge

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MICROBIOLOGICAL							
Bacteria, Fecal Coliform, as Received	<91	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
Bacteria, Fecal Coliform, Dry Basis	<1000	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
PHYSICAL CHARACTERISTICS							
Solids, Total	8.91	wt%		0.01		A2540 G	10/18/19 10:06 / stp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Great West Engineering
Project: Thompson Falls WW
Lab ID: H19100373-008
Client Sample ID: 7

Report Date: 10/29/19
Collection Date: 10/16/19 15:00
DateReceived: 10/17/19
Matrix: Sludge

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MICROBIOLOGICAL							
Bacteria, Fecal Coliform, as Received	<91	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
Bacteria, Fecal Coliform, Dry Basis	<4224	CFU/g	H			A9222 Dmod	10/17/19 14:53 / tmj
PHYSICAL CHARACTERISTICS							
Solids, Total	2.15	wt%		0.01		A2540 G	10/18/19 10:06 / stp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A2540 G**									Batch: R149018
Lab ID: **H19100373-001ADUP**	Sample Duplicate				Run: SOIL DRYING OVEN 2_19101				10/18/19 10:06
Solids, Total	3.79	wt%	0.01				1.2	20	
Lab ID: **H19100373-008ADUP**	Sample Duplicate				Run: SOIL DRYING OVEN 2_19101				10/18/19 10:06
Solids, Total	2.20	wt%	0.01				2.0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **ASA33-7**								Analytical Run: FIA203-HE_191028E	
Lab ID: **ICV**	Initial Calibration Verification Standard							10/28/19 15:58	
Ammonia as N, KCL Extract	1.03	mg/kg	0.50	103	90	110			
Lab ID: **CCV**	Continuing Calibration Verification Standard							10/28/19 16:11	
Ammonia as N, KCL Extract	0.514	mg/kg	0.50	103	90	110			
Lab ID: **CCB**	Continuing Calibration Blank							10/28/19 16:13	
Ammonia as N, KCL Extract	-0.0123	mg/kg	0.50			0.05			
Method: **ASA33-7**								Batch: 48487	
Lab ID: **MB-48487**	Method Blank				Run: FIA203-HE_191028E			10/28/19 16:01	
Ammonia as N, KCL Extract	0.6	mg/kg	0.1						
Lab ID: **LCS-48487**	Laboratory Control Sample				Run: FIA203-HE_191028E			10/28/19 16:02	
Ammonia as N, KCL Extract	5.20	mg/kg	0.50	90	70	130			
Lab ID: **H19100373-001ADUP**	Sample Duplicate				Run: FIA203-HE_191028E			10/28/19 16:08	
Ammonia as N, KCL Extract	1320	mg/kg-dry	130				6.4	20	
Lab ID: **H19100373-001AMS**	Sample Matrix Spike				Run: FIA203-HE_191028E			10/28/19 16:10	
Ammonia as N, KCL Extract	3660	mg/kg-dry	140	87	90	110			S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **ASA33-8**								Analytical Run: FIA203-HE_191028B	
Lab ID: **ICV**	Initial Calibration Verification Standard							10/28/19 09:52	
Nitrate as N, KCL Extract	0.968	mg/kg	1.0	97	90	110			
Lab ID: **CCV**	Continuing Calibration Verification Standard							10/28/19 10:02	
Nitrate as N, KCL Extract	0.460	mg/kg	1.0	92	90	110			
Lab ID: **CCB**	Continuing Calibration Blank							10/28/19 10:03	
Nitrate as N, KCL Extract	-0.000900	mg/kg	1.0						
Method: **ASA33-8**								Batch: 48487	
Lab ID: **MB-48487**	Method Blank				Run: FIA203-HE_191028B			10/28/19 09:56	
Nitrate as N, KCL Extract	0.3	mg/kg	0.1						
Lab ID: **LCS-48487**	Laboratory Control Sample				Run: FIA203-HE_191028B			10/28/19 09:57	
Nitrate as N, KCL Extract	3.02	mg/kg	1.0	97	70	130			
Lab ID: **H19100373-001ADUP**	Sample Duplicate				Run: FIA203-HE_191028B			10/28/19 09:59	
Nitrate as N, KCL Extract	14.5	mg/kg-dry	2.6				22	30	
Lab ID: **H19100373-001AMS**	Sample Matrix Spike				Run: FIA203-HE_191028B			10/28/19 10:01	
Nitrate as N, KCL Extract	121	mg/kg-dry	2.8	85	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **D2974**									Batch: R148918
Lab ID: **H19100434-001ADUP**	Sample Duplicate				Run: SOIL DRYING OVEN 2_19102				10/22/19 11:56
Moisture	14.7	wt%	0.20				0.7	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E351.2**									Analytical Run: SUB-B329730
Lab ID: **ICV**	Initial Calibration Verification Standard								10/24/19 11:00
Nitrogen, Kjeldahl, Total as N	9.81	mg/L	0.50	98	90	110			
Lab ID: **CCV**	Continuing Calibration Verification Standard								10/24/19 12:49
Nitrogen, Kjeldahl, Total as N	9.87	mg/L	0.50	99	90	110			
Lab ID: **CCV**	Continuing Calibration Verification Standard								10/24/19 13:05
Nitrogen, Kjeldahl, Total as N	10.3	mg/L	0.50	103	90	110			
Method: **E351.2**									Batch: B_138433
Lab ID: **LCS-138433**	Laboratory Control Sample				Run: SUB-B329730				10/24/19 12:46
Nitrogen, Kjeldahl, Total as N	766	mg/kg	100	80	70	130			
Lab ID: **H19100373-001A**	Sample Duplicate				Run: SUB-B329730				10/24/19 12:51
Nitrogen, Kjeldahl, Total as N	29900	mg/kg-dry	2100				5.6	30	
Lab ID: **H19100373-001A**	Sample Matrix Spike				Run: SUB-B329730				10/24/19 12:52
Nitrogen, Kjeldahl, Total as N	49200	mg/kg-dry	2100	101	70	130			
Lab ID: **B19101904-001ADUP**	Sample Duplicate				Run: SUB-B329730				10/24/19 13:07
Nitrogen, Kjeldahl, Total as N	914	mg/kg	100				17	30	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **SW6010B**								Analytical Run: ICP2-HE_191022B	
Lab ID: **ICV**	Initial Calibration Verification Standard							10/22/19 09:25	
Zinc	0.792	mg/L	0.010	99	90	110			
Lab ID: **CCV**	Continuing Calibration Verification Standard							10/22/19 09:29	
Zinc	2.47	mg/L	0.010	99	90	110			
Lab ID: **ICB**	Continuing Calibration Blank							10/22/19 09:33	
Zinc	0.000310	mg/L	0.010						
Lab ID: **ICSA**	Interference Check Sample A							10/22/19 09:40	
Zinc	0.00606	mg/L	0.010		0	0			
Lab ID: **ICSAB**	Interference Check Sample AB							10/22/19 09:44	
Zinc	1.01	mg/L	0.010	101	80	120			
Lab ID: **CCV**	Continuing Calibration Verification Standard							10/22/19 19:19	
Zinc	2.45	mg/L	0.010	98	90	110			
Lab ID: **CCB**	Continuing Calibration Blank							10/22/19 19:23	
Zinc	0.000260	mg/L	0.010						
Method: **SW6010B**								Batch: 48479	
Lab ID: **MB-48479**	Method Blank				Run: ICP2-HE_191022B			10/22/19 17:09	
Zinc	ND	mg/kg	0.6						
Lab ID: **LFB-48479**	Laboratory Fortified Blank				Run: ICP2-HE_191022B			10/22/19 17:13	
Zinc	47.8	mg/kg	1.0	97	80	120			
Lab ID: **LCS1-48479**	Laboratory Control Sample				Run: ICP2-HE_191022B			10/22/19 17:17	
Zinc	438	mg/kg	3.2	95	77.8	122.2			
Lab ID: **H19100351-001ADIL**	Serial Dilution				Run: ICP2-HE_191022B			10/22/19 18:02	
Zinc	27.4	mg/kg	14		0	0		10	N
Lab ID: **H19100351-001APDS**	Post Digestion/Distillation Spike				Run: ICP2-HE_191022B			10/22/19 18:05	
Zinc	245	mg/kg	3.0	89	75	125			
Lab ID: **H19100351-001AMS**	Sample Matrix Spike				Run: ICP2-HE_191022B			10/22/19 18:09	
Zinc	71.0	mg/kg	2.9	94	75	125			
Lab ID: **H19100351-001AMSD**	Sample Matrix Spike Duplicate				Run: ICP2-HE_191022B			10/22/19 18:13	
Zinc	72.5	mg/kg	2.9	98	75	125	2.0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

N - The analyte concentration was not sufficiently high to calculate a RPD for the serial dilution test.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **SW6020**								Analytical Run: ICPMS205-H_191022C	
Lab ID: **ICV**	Initial Calibration Verification Standard							10/22/19 15:52	
Arsenic	0.0586	mg/L	0.0010	98	90	110			
Cadmium	0.0297	mg/L	0.0010	99	90	110			
Chromium	0.0592	mg/L	0.0010	99	90	110			
Copper	0.0607	mg/L	0.0010	101	90	110			
Lead	0.0585	mg/L	0.0010	98	90	110			
Molybdenum	0.0563	mg/L	0.0010	94	90	110			
Nickel	0.0600	mg/L	0.0010	100	90	110			
Selenium	0.0578	mg/L	0.0010	96	90	110			
Lab ID: **ICSA**	Interference Check Sample A							10/22/19 15:55	
Arsenic	4.33E-05	mg/L	0.0010						
Cadmium	4.79E-05	mg/L	0.0010						
Chromium	0.000220	mg/L	0.0010						
Copper	-0.000175	mg/L	0.0010						
Lead	9.22E-05	mg/L	0.0010						
Molybdenum	0.799	mg/L	0.0010	100	70	130			
Nickel	0.000266	mg/L	0.0010		0	0			
Selenium	2.46E-05	mg/L	0.0010						
Lab ID: **ICSAB**	Interference Check Sample AB							10/22/19 15:57	
Arsenic	0.0105	mg/L	0.0010	105	70	130			
Cadmium	0.0100	mg/L	0.0010	100	70	130			
Chromium	0.0204	mg/L	0.0010	102	70	130			
Copper	0.0198	mg/L	0.0010	99	70	130			
Lead	8.65E-05	mg/L	0.0010		0	0			
Molybdenum	0.806	mg/L	0.0010	101	70	130			
Nickel	0.0203	mg/L	0.0010	101	70	130			
Selenium	0.00963	mg/L	0.0010	96	70	130			
Lab ID: **CCV**	Continuing Calibration Verification Standard							10/22/19 16:35	
Arsenic	0.0516	mg/L	0.0010	103	90	110			
Cadmium	0.0508	mg/L	0.0010	102	90	110			
Chromium	0.0513	mg/L	0.0010	103	90	110			
Copper	0.0519	mg/L	0.0010	104	90	110			
Lead	0.0505	mg/L	0.0010	101	90	110			
Molybdenum	0.0508	mg/L	0.0010	102	90	110			
Nickel	0.0522	mg/L	0.0010	104	90	110			
Selenium	0.0504	mg/L	0.0010	101	90	110			
Lab ID: **CCB**	Continuing Calibration Blank							10/22/19 16:40	
Arsenic	-2.26E-05	mg/L	0.0010						
Cadmium	-1.07E-05	mg/L	0.0010						
Chromium	1.79E-07	mg/L	0.0010						
Copper	-0.000243	mg/L	0.0010						
Lead	2.46E-05	mg/L	0.0010						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **SW6020**								Analytical Run: ICPMS205-H_191022C	
Lab ID: **CCB**	Continuing Calibration Blank							10/22/19 16:40	
Molybdenum	1.05E-05	mg/L	0.0010						
Nickel	-1.54E-05	mg/L	0.0010						
Selenium	1.57E-05	mg/L	0.0010						
Method: **SW6020**								Batch: 48479	
Lab ID: **MB-48479**	Method Blank				Run: ICPMS205-H_191022C			10/22/19 16:09	
Arsenic	ND	mg/kg	0.3						
Cadmium	ND	mg/kg	0.2						
Chromium	ND	mg/kg	1						
Copper	ND	mg/kg	1						
Lead	ND	mg/kg	2						
Molybdenum	ND	mg/kg	0.3						
Nickel	ND	mg/kg	0.4						
Selenium	ND	mg/kg	0.8						
Lab ID: **LCS1-48479**	Laboratory Control Sample				Run: ICPMS205-H_191022C			10/22/19 16:11	
Arsenic	205	mg/kg	1.0	102	82.2	118.3			
Cadmium	154	mg/kg	1.0	103	80.5	119.5			
Chromium	187	mg/kg	1.1	103	72	128.6			
Copper	221	mg/kg	1.1	98	74.2	125.8			
Lead	362	mg/kg	1.6	109	73.6	126.7			
Molybdenum	217	mg/kg	1.0	105	73.8	126.7			
Nickel	172	mg/kg	1.0	103	73.1	126.3			
Selenium	169	mg/kg	1.0	100	77.5	121.9			
Lab ID: **LFB-48479**	Laboratory Fortified Blank				Run: ICPMS205-H_191022C			10/22/19 16:14	
Arsenic	50.0	mg/kg	1.0	101	80	120			
Cadmium	25.3	mg/kg	1.0	103	80	120			
Chromium	49.1	mg/kg	1.1	99	80	120			
Copper	50.8	mg/kg	1.1	103	80	120			
Lead	50.3	mg/kg	1.5	102	80	120			
Molybdenum	48.6	mg/kg	1.0	99	80	120			
Nickel	50.1	mg/kg	1.0	102	80	120			
Selenium	46.1	mg/kg	1.0	93	80	120			
Lab ID: **H19100351-001ADIL**	Serial Dilution				Run: ICPMS205-H_191022C			10/22/19 16:21	
Arsenic	2.98	mg/kg	1.6		0	0	10		N
Cadmium	ND	mg/kg	1.0		0	0	10		
Chromium	9.25	mg/kg	5.1		0	0	10		N
Copper	6.58	mg/kg	5.2		0	0	10		N
Lead	7.92	mg/kg	7.3		0	0	10		N
Molybdenum	ND	mg/kg	1.5		0	0	10		
Nickel	7.93	mg/kg	2.0		0	0	10		N
Selenium	ND	mg/kg	3.6		0	0	10		

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

N - The analyte concentration was not sufficiently high to calculate a RPD for the serial dilution test.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **SW6020**									Batch: 48479
Lab ID: **H19100351-001APDS1**	Post Digestion/Distillation Spike				Run: ICPMS205-H_191022C				10/22/19 16:26
Arsenic	14.0	mg/kg	1.0	95	75	125			
Cadmium	12.1	mg/kg	1.0	101	75	125			
Chromium	20.0	mg/kg	1.0	96	75	125			
Copper	17.7	mg/kg	1.0	96	75	125			
Lead	19.7	mg/kg	1.5	102	75	125			
Molybdenum	12.3	mg/kg	1.0	102	75	125			
Nickel	18.9	mg/kg	1.0	97	75	125			
Selenium	11.5	mg/kg	1.0	96	75	125			
Lab ID: **H19100351-001AMS**	Sample Matrix Spike				Run: ICPMS205-H_191022C				10/22/19 16:28
Arsenic	50.8	mg/kg	1.0	99	75	125			
Cadmium	24.6	mg/kg	1.0	101	75	125			
Chromium	58.4	mg/kg	1.0	102	75	125			
Copper	54.7	mg/kg	1.1	99	75	125			
Lead	58.0	mg/kg	1.5	103	75	125			
Molybdenum	46.0	mg/kg	1.0	94	75	125			
Nickel	56.4	mg/kg	1.0	101	75	125			
Selenium	44.1	mg/kg	1.0	90	75	125			
Lab ID: **H19100351-001AMSD**	Sample Matrix Spike Duplicate				Run: ICPMS205-H_191022C				10/22/19 16:30
Arsenic	50.4	mg/kg	1.0	98	75	125	0.8	20	
Cadmium	25.5	mg/kg	1.0	105	75	125	3.3	20	
Chromium	59.6	mg/kg	1.0	105	75	125	2.0	20	
Copper	55.4	mg/kg	1.1	101	75	125	1.4	20	
Lead	59.0	mg/kg	1.5	106	75	125	1.8	20	
Molybdenum	47.2	mg/kg	1.0	97	75	125	2.5	20	
Nickel	56.4	mg/kg	1.0	101	75	125	0.0	20	
Selenium	45.7	mg/kg	1.0	94	75	125	3.5	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Great West Engineering **Work Order:** H19100373 **Report Date:** 10/29/19

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **SW7471B**								Analytical Run: HGCV202-H_191025A	
Lab ID: **ICV**	Initial Calibration Verification Standard							10/25/19 09:55	
Mercury	0.0010	mg/kg	0.50	101	90	110			
Lab ID: **CCV**	Continuing Calibration Verification Standard							10/25/19 09:57	
Mercury	0.0026	mg/kg	0.50	103	90	110			
Lab ID: **CCB**	Continuing Calibration Blank							10/25/19 09:59	
Mercury	-5.2E-05	mg/kg	0.50						
Lab ID: **CCV**	Continuing Calibration Verification Standard							10/25/19 10:26	
Mercury	0.0026	mg/kg	0.50	103	90	110			
Lab ID: **CCB**	Continuing Calibration Blank							10/25/19 10:28	
Mercury	-5.1E-05	mg/kg	0.50						
Method: **SW7471B**								Batch: 48551	
Lab ID: **MB-48551**	Method Blank				Run: HGCV202-H_191025A			10/25/19 10:01	
Mercury	ND	mg/kg	0.004						
Lab ID: **LCS-48551**	Laboratory Control Sample				Run: HGCV202-H_191025A			10/25/19 10:03	
Mercury	16	mg/kg	0.50	112	62.8	137.9			
Lab ID: **LFB-48551**	Laboratory Fortified Blank				Run: HGCV202-H_191025A			10/25/19 10:05	
Mercury	0.21	mg/kg	0.50	107	80	120			
Lab ID: **H19100373-001ADIL**	Serial Dilution				Run: HGCV202-H_191025A			10/25/19 10:09	
Mercury	0.40	mg/kg-dry	0.50		0	0		10	
Lab ID: **H19100373-001AMS**	Sample Matrix Spike				Run: HGCV202-H_191025A			10/25/19 10:11	
Mercury	1.2	mg/kg-dry	0.50	84	80	120			
Lab ID: **H19100373-001AMSD**	Sample Matrix Spike Duplicate				Run: HGCV202-H_191025A			10/25/19 10:13	
Mercury	1.1	mg/kg-dry	0.50	74	80	120	7.4	20	S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Work Order Receipt Checklist

Great West Engineering

H19100373

Login completed by: Jessica C. Smith
Date Received: 10/17/2019

Reviewed by: BL2000\rtooke
Received by: JCS

Reviewed Date: 10/21/2019
Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☐	No ☑	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	°C See Comments		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

Cooler 1 was received at 20.0 °C, Cooler 2 at 20.7 °C.1L glass jar has no ID, date, or time. Used ID, date, and time from COC. No date or time on any 4oz jars. Used date and time from COC. Per discussion with client, the fecal coliform method was changed from the MPN to MF. Sample for Fecal Coliform Bacteria was received past the EPA 8 hr holding time but within the 24 hr holding time allowed by the MT DEQ. JCS 10/17/19

Chain of Custody & Analytical Request Record

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Page ___ of ___

Account Information (Billing Information)

Company Name: Great West Engineering
Contact: Ryan Pearson
Phone: 406-422-1241
Mailing Address: 2501 Belt View Dr.
City, State, Zip: Helena MT 59601
Email: rpearson@greatwesteng.com
Receive Invoice: ☐ Hard Copy ☐ Email | Receive Report: ☐ Hard Copy ☐ Email
Purchase Order | Quote | Bottle Order

Report Information (if different than Account Information)

Company Name
Contact
Phone
Mailing Address
City, State, Zip
Email
Receive Report: ☐ Hard Copy ☐ Email
Special Report Formats
☐ LEVEL IV ☐ NELAC ☐ EDD/EDT (contact laboratory) ☐ Other

Comments

Project Information

Project Name, PWSID, Permit, etc: Thompson Falls LWW
Sampler Name: Ryan
Sampler Phone: 422-1241
Sample Origin, State: MT
EPA/State Compliance: ☐ Yes ☐ No
MIXING CLIENTS: Divide multiple sample type. If one has been processed or refined, call before sending.
☐ Byproduct 11 (e)2 material ☐ Unprocessed ore (NOT ground or refined)

Matrix Codes
A: Air
W: Water
S: Soil/Solids
V: Vegetation
B: Biosolids
O: Other
QW: Quality Water

Analysis Requested

Sea Athelete

See Attached

All turnaround times are standard unless marked as RUSH

Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling – See Instructions Page

	Sample Identification	Collection Date	Collection Time	Number of Containers	Matrix	Rush TAT	ELI LAB ID (Laboratory Use Only)
1	Composite	10/16/14	3:00 PM	1			H14100375
2	1						
3	2						
4	3						
5	4						
6	5						
7	6						
8	7						
9							
10							

Custody Record MUST be signed
Relinquished by (print): Ryan Pearson
Date/Time: 10/17/14
Signature
Received by (print)
Date/Time
Signature
Relinquished By Laboratory (print): Jessica Smith
Date/Time: 10/20/14 0902
Signature

LABORATORY USE ONLY

Shipped By	Cooler ID(s)	Custody Seals	Intact	Receipt Temp	Temp. Blank	Cl. Use	Payment Type	Amount	Receipt Number (packslip #)
Hand	Yes	Y (N) C B	Y N	12.2 °C 12.7	(Y) N	Y (N)	CC Cash Check	$	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly noted on your analytical report.

EL-COC 12/15.xls

BOTTLE ORDER 32063

SHIPPED TO: Great West Engineering

Contact: Ryan Pearson

Phone:

Project: Thompson Falls

Order Created by: Wanda Johnson
Shipped From: Helena, MT
Ship Date: 10/15/2019
VIA: PickUp

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
503 Analysis							
1 Liter Clear Glass Wide Mouth	1	E6010 20	Metals by ICP/ICPMS, Total				1
		SW7471B	Mercury in Solid By CVAA				
		Visual	Supervisor Review				
		ASA33-7	Ammonia as N, KCL Extract				
		ASA33-8	Nitrate as N, KCL Extract				
		ASA31-3	Total Kjeldahl Nitrogen				
		A2540 G	Solids Content				
(8 Sets)							
4 oz Wide Mouth Amber Glass	1	A9221 E	Bacteria, Fecal Coliform - MPN	8.00 hrs			1
		A2540 G	Solids Content				

■ HNO3 - Nitric Acid ☐ H2SO4 - Sulfuric Acid ■ NaOH - Sodium Hydroxide

■ ZnAc - Zinc Acetate ■ HCl - Hydrochloric Acid ⋯ H3PO4 - Phosphoric Acid

We strongly suggest that the samples are shipped the same day as they are collected.

Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets

Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.

Thompson Falls Cell-1 Sludge Sampling				
Date: 10.17.19				
Sample ID	water depth "A"	inner tube level "B"	Sludge level "C"	Sludge depth
1	12	11	1.7	2.7
2	12	11.7	0.8	1.1
3	12	7.5	1.5	6
4*	10	9.2	4	4.8
5	12	11.5	2	2.5
6	12	11.2	3.2	4
7*	11.7	11.4	2	2.3
8	11.1	11.1	0.6	0.6
9	12	11.7	3.4	3.7
				0
				0
				0
				0
				0
				0

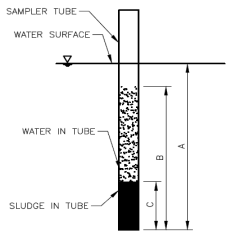
3.077778

Thompson Falls Cell-2 Sludge Sampling				
Date: 10.17.19				
Sample ID	water depth "A"	inner tube level "B"	Sludge level "C"	Sludge depth
1	12	11.7	1.8	2.1
2	12.3	12.3	0.8	0.8
3*	12.2	12	1.8	2
4	11.7	10.8	2.8	3.7
5	12	12	1	1
6	12	12	0	0
7*	12	11.7	1	1.3
8	12	12.2	0.5	0.3
9	12.2	11.5	0	0.7

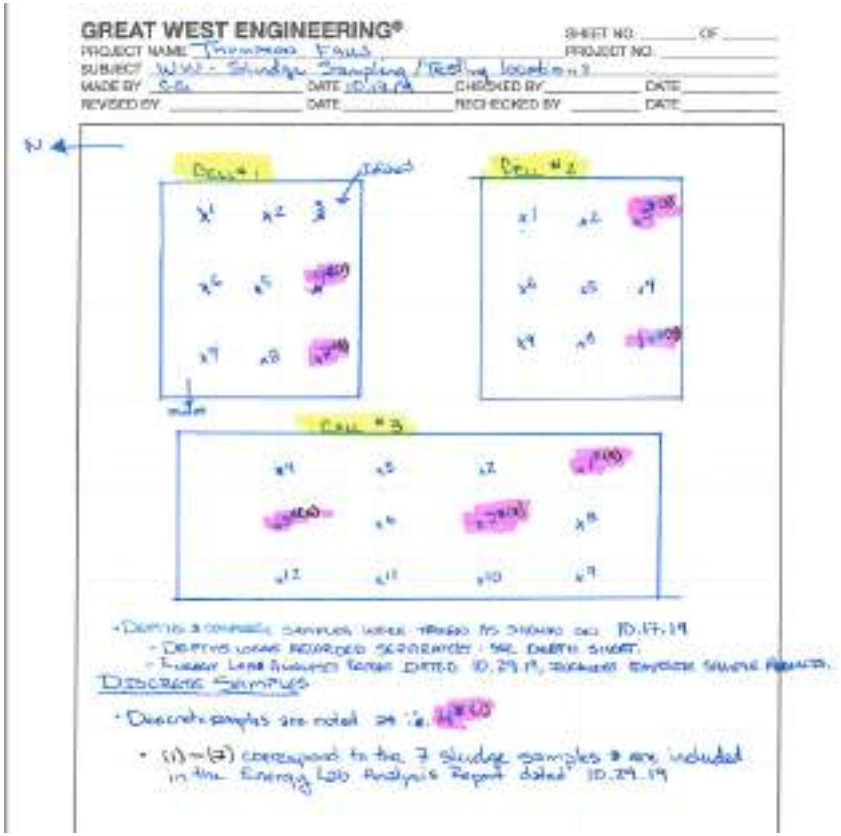
1.322222

Thompson Falls Cell-3 Sludge Sampling				
Date: 10.17.19				
Sample ID	water depth "A"	inner tube level "B"	Sludge level "C"	Sludge depth
1*	6.1	6.1	1	1
2	6.5	6.2	1.5	1.8
3	7	6.5	2	2.5
4	6.2	5.3	2.4	3.3
5*	6.8	6.2	1.6	2.2
6	6.5	6	1	1.5
7*	6.8	6.8	0.4	0.4
8	6.7	6.6	0.4	0.5
9	6.5	6.5	0.4	0.4
10	7.2	6.8	1.1	1.5
11	6.5	6.1	0.9	1.3
12	6.5	6	1.1	1.6

1.511111



XXXXX Cubic yards. Calculated using CAD



APPENDIX KK

Target Rate Information

COMMUNITY DEVELOPMENT DIVISION

Census and Target Rate 2015 Info

CDD Target Rate Calculation Resource

The Community Development Division (CDD) has updated the U.S. Census Bureau's American Communities Survey (ACS) data set 2011-2015 for the calculation of local government target rates. The Treasure State Endowment Program (TSEP) and Community Development Block Grant (CDBG) programs use ACS information as the base data set to calculate applicant target rates for community infrastructure systems.

These calculated rates, along with other demographic information, are components of the review and analysis of applications submitted to the programs for funding requests. Applications to be submitted in 2018 or later for TSEP or CDBG programs must use the 2015 ACS data for the calculation of target rates for an applicant.

Search below for 2015 American Communities Survey data used to calculate target rates when applying to the **Treasure State Endowment Program** and **Community Development Block Group Grant Program.**

Select a Location:

City/Designated location Thompson Falls city **or** County Choose County

City	Thompson Falls city
County	*Sanders County*
Total Population	941
Total Households	426
Median Household Income	$30,595
Low & Moderate Income Percent	55.19%
Percent Poverty	20.6 %

Target Rates

Water & Waste Water	$58.64
Water Only	$35.69
WasteWater Only	$22.95
Solid Waste Only	$7.65

Amounts are computed using the 2015 census and target percentage rationale reviewed biennially by Commerce. The target percentages are:

2.3% combined (water and wastewater)
1.4% for water alone
0.9% for wastewater alone
0.3% for solid waste

For example: Community median household income is $25,000 and the residents pay both water and wastewater rates, the calculation would be: $25,000 times 2.3% divided by 12 equals monthly target rate of $47.92. (25,000 x 2.3%)/12 = $47.92)

Having trouble finding data for your community? Some communities may not be listed in the resources above because the American Community Survey (ACS) did not provide 2015 MHI data for those areas. Please contact us at (406) 841-2770 or email **TSEP** or **CDBG** if you have any questions about this information.

Mapping

To see maps of the City/Town/CDP or County in which you are interested, please go to **http://ceic.mt.gov/**. For more information about the maps or tools available, please contact the Census and Economic Information Bureau at (406) 841-2713 or email **ceic@mt.gov**.

Contacts

Treasure State Endowment Program (TSEP)	406 841-2770
Community Development Block Grant Program (CDBG)	406 841-2770
Census & Economic Information Center	406 841-2740

Definitions

Census Designated Place (CDP): Census designated places (CDPs) have been created for each decennial census as the statistical counterparts of incorporated places. CDPs are delineated to provide census data for concentrations of population, housing, and commercial structures that are identifiable by name but are not within an incorporated place. CDP boundaries usually are defined in cooperation with state, local, and tribal officials. These boundaries, which usually coincide with visible features or the boundary of an adjacent incorporated place or other legal entity boundary, have no legal status, nor do these places have officials elected to serve traditional municipal functions.

Household: A household includes all the people who occupy a housing unit as their usual place of residence.

Income of households: This includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not.

Low and Moderate Income Percent: Low and Moderate Income Percent is calculated by U.S. Housing and Urban Development (HUD) using data from the U.S. Census Bureau's Decennial Census, specifically for the Community Development Block Grant Program (CDBG). LMI families are defined as those families whose income does not exceed 80% of the county median income for the previous year or 80% of the median income of the entire non-metropolitan area of the State of Montana, whichever is higher.

Median income: The median income divides the income distribution into two equal groups, one having incomes above the median, and other having incomes below the median.

Notes: Total Population and Total Households are from Summary File (SF) 1, 100% data. Poverty Rates and Median Household Income are from Summary File (SF) 3, Sample data. Low and Moderate Income Percentage was developed by HUD using Census 2010 data.

Sources: U.S. Census Bureau & HUD
Median Household Income
Census Bureau, American Community Survey 2011 - 2015 Estimates

Total Population & Households
U.S. Census Bureau, 2015 Census - Summary File 1 (SF1) 100% Data

Low to Moderate Income Percent
HUD 2015 Low and Moderate Income Data

Target Rates for 2010 Census Data

View 2010 Census data rates for comparison purposes.