

**COMMUNITY OF MILNER
SANITATION SYSTEM**

ROUTT COUNTY, COLORADO

RULES AND REGULATIONS

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RULES AND REGULATIONS

Section 1 – Policy

The following Rules and Regulations for the Milner Sanitation System (MSS) are hereby adopted by the Routt County Board of Commissioners pursuant to C.R.S. 30-20-401 et seq.

These Rules and Regulations are deemed necessary for the health, safety, and general welfare of MSS users, for convenience in the management, control, and supervision of the business affairs of the MSS, and for the safe and proper operation and control of any and all MSS facilities. The boundaries of the MSS shall be set forth in the legal description attached as Appendix A and displayed in the Community of Milner Sanitation System Location Map.

These rules and regulations may be amended at any regular or special meeting of the Routt County Board of County Commissioners where a quorum of the Board is present and a majority is in favor of such amendment. Any dispute as to the interpretation of these rules and regulations, or with respect to their application in any given case, shall be submitted to the Board of Routt County Commissioners and their decision shall be final.

The daily operation of the MSS shall be carried out by the Routt County Department of Environmental Health (RCDEH) as directed by the Routt County Board of Commissioners as Directors of the MSS.

Section 2 – Definitions

- 2.1 “System” or “MSS” shall mean the Community of Milner Sanitation System established pursuant to C.R.S. 30-20-401 et seq.
- 2.2 “Board” shall mean the Board of County Commissioners for the County of Routt, in the State of Colorado.
- 2.3 “County” shall mean the County of Routt; a political and administrative division of the state of Colorado, providing certain local governmental services.
- 2.4 “Consumer” or “Customer” shall mean the property owner or agent who is a user of the sewer system; the person responsible for the payment of all charges or in whose name the bills are rendered.
- 2.5 “Inspector” shall mean a representative of the Routt County Department of Environmental Health (RCDEH) charged with the routine enforcement of the Rules and Regulations contained herein.
- 2.6 “District Engineer” shall mean a Registered Professional Engineer in the State of Colorado hired by the Board or RCDEH to review proposed additions, extensions,

enlargements, or other modifications of MSS facilities and to aid and advise the RCDEH in any other way deemed appropriate and necessary by the Board.

- 2.7 “Tap Fee” shall mean the amount of money owed to the County by a Consumer and to be paid to the County prior to the issuance of a utility permit to tap onto or to extend any sewer line. The tap fee required shall be as per the RCDEH Rate Schedule.
- 2.8 “Usage Fee” shall mean the service charge to be paid to the County by a consumer for the privilege of using MSS facilities.
- 2.9 The RCDEH “Rate Schedule” shall establish the amount or provide guidelines for establishing the amount of tap fees and usage fees required for a dwelling or other structure or use as determined by the Board. The board may amend the rate schedule at any time. The current rate schedule for the sanitation system is attached as Appendix C.
- 2.10 “Dwelling Unit” shall mean a building or part of a building designed to be used as a living place including toilet and kitchen facilities. Each separate kitchen or grouping of kitchen facilities within a structure shall be presumed to denote a separate dwelling unit.
- 2.11 “Sewer System” or “Sanitation System” shall mean all sewer lines and appurtenances and all treatment facilities and appurtenances which constitute a portion of the sewage collection and treatment facility for the Community of Milner.
- 2.12 “In-MSS” shall mean inside of the MSS boundaries established by the legal description of the MSS – Appendix A.
- 2.13 “Out-of-MSS” shall mean outside of the MSS boundaries established by the legal description of the MSS – Appendix A.
- 2.14 “Developer” shall mean the person, firm, corporation, partnership, joint venture, company, or public entity which is the owner of land and which seeks to have this land served by the MSS.
- 2.15 “Single Family Equivalent (SFE)” shall be the reference by which the RCDEH shall assess its tap fees. One SFE is equal to one single family dwelling unit. In applying such reference to commercial structures not utilized for family dwelling purposes, the RCDEH shall compute the number of SFE’s for such a structure based on the average sewage generation by a single family dwelling unit housing 3.0 persons.

Section 3 – General Regulations

- 3.1 Jurisdiction: All RCDEH employees in the performance of their duties as such, shall be subject only to the orders and directions of the Board, which at all times has the jurisdiction over the MSS to the end that the greatest good to the most people shall be obtained from the maintenance and operation of said systems. Said jurisdiction shall include all connections or extensions to said systems.

- 3.2 Interference forbidden: No person shall damage or interfere with the facilities of the MSS, or with conveyance pipes, ditches or channels or any pipe or other appurtenance used in connection with the MSS, or any reservoir, dam, well, pump, motor, power transmission line, telephone line, storage tank, or any other part or property of the systems of the MSS, whether owned or leased by the County, or privately owned and connected in any manner with the MSS.
- 3.3 Penalty for imperiling property of the MSS: Any person who shall imperil or damage any facilities or appurtenances of the MSS shall be responsible for all costs of repair and all other actual damages, in addition to a fine not to exceed \$500. Such costs and fines shall be payable and collectable as any other charge under these rules and regulations.
- 3.4 County Responsibility: Subject to these rules and regulations, the County, as operated by the RDCEH, shall be responsible for the general maintenance and repair of all sewer main lines and main line appurtenances such as manholes or valves. The County shall also be responsible for the operation and maintenance of sewage treatment facilities. The County shall not be responsible for the construction, maintenance, and repair of individual sewer lines (see following Section 3.5).
- 3.5 Consumer Responsibility: The Consumer shall be responsible for the construction, maintenance and repair of their individual sewer lines from the point of connection to the main to the dwelling or other point of use. Installation shall be in accordance with the standards and procedures established in Appendix B. All costs associated with this responsibility shall be the consumers. All consumers shall keep and maintain the service line, or any other structure or facility permitted by the Board under a utility permit, in good repair at their own expense; no claim shall be made against the County by reason of the breaking of any pipes or other appurtenances.

The consumer shall indemnify, defend, and hold County RCDEH, and MSS harmless from any and all claims, injuries, and damages arising from consumer's actions or lack thereof related to the MSS.

- 3.6 Permits and Authorization:
- 3.6.1 Permits Required: No consumer or person shall either directly or indirectly utilize the MSS facilities without first having made application to the Board and without first receiving from the Board a written permit authorizing such utilization. Such permits shall be a standard form obtainable from the RCDEH. A copy of the appropriate "Utility Permit" can be downloaded from the Routt County Website.
- 3.6.2 Permits Issuance: No permits authorizing the utilization of MSS facilities shall be issued until all required tap fees, as established in the current Rate Schedule, are paid by the applicant.
- 3.6.3 Penalty for utilizing MSS facilities without authorization: Any person who utilizes MSS facilities without obtaining proper authorization as herein provided

shall be required to pay the County a penalty, in addition to normal tap fees, not to exceed \$1,000. The amount of the penalty shall be established by the Board based on the circumstances of the unauthorized utilization.

3.7 Fees:

3.7.1 Tap Fees: The Board shall be responsible for adopting a Rate Schedule which shall establish the tap fees required of a consumer prior to the issuance of a permit to utilize MSS facilities. In the event an appropriate rate is not established in the existing rate schedule for a consumer, the Board shall establish an appropriate tap fee for the consumer based on the recommendations of the RCDEH or the District Engineer.

3.7.2 Usage Fees: No later than the time a sewer tap is made for an existing dwelling unit or a certificate of occupancy is issued for a new or remodeled dwelling unit, each unit shall be assessed a usage fee, as established in the rate schedule, or by the Board, to be paid quarterly. Such usage fee may be amended by the Board at any time.

3.7.3 Billing of customers: Payments shall be made before the due date shown on the statement issued by the County, and shall become delinquent if not paid within ten days from the due date. Any account which has been delinquent for more than ten days shall be subject to interest at the rate of one percent per month or twelve percent per annum. In addition, reasonable attorney's fees, and the costs of collection shall be added to all delinquent accounts. Costs of collection shall include, but are not limited to, treasurer fees as set forth in C.R.S. 30-1-102.

3.7.4 Property owner responsible for payment: The owner or owners of any property or premises served by the MSS shall be held personally liable for any and all charges, fees, and penalties imposed under the provisions of these rules and regulations from the time such shall become due. Such charges, fees, and penalties shall become and remain a lien on the real property served by the systems as allowed by law.

3.8 Inspection: The District Engineer and other duly authorized agents of the RCDEH shall have access to all properties within the MSS for the purpose of inspection, testing, measurement, or sampling of any component of the sewer system.

3.9 Liability: To the fullest extent provided by law, the County, RCDEH, MSS, and their employees and agents are protected by the Colorado Governmental Immunity Act, C.R.S. 24-10-101 et seq. Without limiting the County's immunity, no claim for damage shall be made against the County, RCDEH, MSS, or their employees and agents by reason of the following:

- breakage of any service or main by a County employee or Contractor,
- making taps or constructing extensions

- damage caused by water running or leaking from open or defective appliances,
- burst service lines not owned by the County,
- or anything else done to the sewer mains of the MSS deemed necessary by the RCDEH or its agents.

Section 4 – Sanitation System Policies

4.1 Construction of Facilities: Any sewer mains or related facilities shall be constructed within existing public road right-of-ways, within utility easements right-of-ways deeded to the MSS, or in permanent easements granted by a property owner. The Board may in its discretion determine to contract with a Developer whereby such Developer shall extend facilities to his property and be credited against the costs thereof with tap fees in accordance with Section 5 of these Rules and Regulations.

The Developer shall convey by fee simple title, free of charge, any site(s) required for facilities such as lift stations.

4.2 Extension of Facilities: MSS facilities will be furnished only to persons whose property is within the MSS boundaries, except by contract specifically approved by the Board as hereinafter provided. Prior to extension of MSS facilities, the Board shall require a Developer desiring this extension to make application. The application shall describe the location of the project, project SFE, construction schedule, financial statement and any other information deemed necessary. The Board and District Engineer will then evaluate the feasibility to determine whether the extension will be made.

Cross Connections: All connections to existing dwellings are to be done in such a manner as to prevent cross-connections with water distribution systems.

4.3 Sewer System Materials: Materials to be used for sewer mains and services, and all associated appurtenances shall comply with the standards established in the construction specifications for the original sewer system constructed in 1976 or as subsequently amended. Copies of these specifications may be reviewed by contacting the RCDEH or material substitutions may be permitted upon approval of the RCDEH. Appendix B is included summarizing the installation and materials requirements for service lines and appurtenances.

The RCDEH Inspector shall be responsible for enforcement of service line material standards.

4.4 Service Lines:

4.8.1 Permit: No connection to MSS sewer lines shall be made prior to obtaining a utility permit and paying the required tap fees. Application for the utility permit shall be made to the RCDEH and shall be reviewed by an engineer in the event multiple SFE's are involved or a conflict arises.

Not more than one (1) tap will be allowed under each permit unless a special permit is issued. The permit issued by the RCDEH does not release the owner or developer and his contractor from the responsibility of obtaining any other permits required by another regulatory entity. The tap fee shall be based on SFE usage whereas the utility permit is related to construction work in conjunction with MSS lines and facilities.

- 4.8.2 RCDEH Responsibility: The RCDEH assumes no responsibility for maintenance and repair of the sewer line extending from the main to the dwelling unit or other building. Leaks or other maintenance of private service lines served by the MSS shall be repaired by the owner within five (5) days of notification or sooner if deemed an emergency by the RCDEH, or the RCDEH or its agents shall have the authority to have such defects repaired and shall bill the consumer for the cost thereof plus 15%, which shall be collectable as any other charge of the system.
- 4.8.3 Location: The service line shall connect with the sewer system at the nearest place of desired use by the consumer provided the RCDEH has determined in advance that the system has the capacity or capability to provide service at the desired point. The RCDEH shall have final authority in any questions of location of any service line connection to its sewer system.
- 4.8.4 Inspection: All sewage lines shall be inspected by the RCDEH prior to being placed in service including tests for leakage (exfiltration or infiltration).
- 4.8.5 Backfill: Backfill shall be compacted in accordance with Appendix B requirements to reduce the possibility of a line being broken or displaced by settlement. All bedding shall be in compliance with the RCDEH's requirements. All compaction and backfill shall meet county and state requirements as may be established by separate or special permit.
- 4.8.6 Disconnections: No disconnection of service lines from MSS mains shall be made without authorization from the Board. Disconnections must be supervised by the RCDEH Inspector. All disconnected sewer service lines shall be capped with a watertight cap.
- 4.8.7 Change in Customer's Service: No change in the customer's service shall be made without the prior approval of the RCDEH or authorized agent. Any change in service which increases the service provided by the MSS shall require a redetermination by the Board of the tap fee and service charges from such customer. Redetermination of the tap fee shall allow credit for previously paid or waived tap fees. Any change that results in a decrease in the service provided by the MSS shall not result in a reduction or refund of tap fees.
- 4.8.8 Multiple Connections to Single Service Line: No multiple connections to a single service line will be permitted without written consent of the Board.

If permitted, each consumer connected shall be required to pay the appropriate tap fee and service charge for their connection.

4.9 Sewer System Design Guidelines and Requirements: The following design guidelines and general requirements shall apply to all extensions to, or expansions of, MSS systems regardless of whether in-MSS or out-of-MSS.

4.9.1 Sewer System

- a. Main line size is to be eight (8) inch diameter minimum with a minimum slope of 0.4%.
- b. Service lines to single-family dwellings are to be four (4) inch diameter minimum with a slope of 1.0% or greater. Larger service line sizes may be required depending on anticipated flow. No more than 2 SFE's are to be served by a single four (4) inch line.
- c. Four (4) foot diameter concrete manholes are to be provided at all main line intersections (8" diameter or larger new mains and 6" diameter or larger existing mains), breaks in vertical or horizontal grade, at the ends of mains in streets, and no greater than 400 feet apart.
- d. All manholes are to be watertight.
- e. Minimum recommended sewer line cover is four (4) feet.
- f. Main line slopes are to be uniform between manholes.
- g. Cleanouts are not to be used in place of manholes unless authorized by the RCDEH.
- h. Curved sewers are not to be allowed except with the approval of the District Engineer.
- i. System expansions or extensions shall be designed by a Registered Professional Engineer. Design drawings and construction specifications are to be prepared for all extensions.
- j. State Health Department approval of drawings and specifications shall be obtained by the developer for the proposed extensions.
- k. Plans and specifications for proposed extensions or expansions to MSS facilities shall be reviewed and approved by the District Engineer prior to construction.

- l. All construction work shall be open to the RCDEH Inspector, or District Engineer for purposes of assuring compliance with MSS specifications.
- m. All lines are to be tested in accordance with MSS requirements and certified results submitted to the Board.
- n. As-built drawings and three-point ties are to be submitted to the Board prior to final acceptance of system extensions.

4.10 Sewage Lift Station: Lift stations are strongly discouraged by the RCDEH and any such proposal shall be critically reviewed by the District Engineer prior to approval.

Lift stations proposed solely for the purpose of reducing a developer's cost will not be approved.

In the event no feasible alternative to a lift station exists the RCDEH may require special provisions as to design requirements, installation costs, and operation and maintenance responsibilities and costs.

4.11 Extraneous (Non-sewage) Flow Sources: No consumer shall be permitted to connect a source of extraneous flows, such as a basement footing drain, sump pump or other type dewatering device, to the MSS sewer system.

It shall be the RCDEH Inspector's responsibility to observe new dwelling construction to enforce this regulation.

4.12 Unusual Wastes: No consumer shall be permitted to dump into the sewage collection system any toxic, acidic, petroleum product, or any other unusual toxic or chemical waste which may hamper the operation or efficiency of the treatment plant or cause the plant to violate the conditions of its NPDES permit or which may cause damage to the Poly-Vinyl Chloride (PVC) sewer mains.

Section 5 – Extensions to MSS Facilities

5.1 Definition: Extensions to MSS facilities shall be defined as sewer lines and any related facilities that utilize MSS facilities; and are designed, constructed and paid for by any owner or developer requiring such an extension of services(s) to accommodate his structure(s) or proposed development.

5.2 Approval of Plans and Specifications: All proposed extensions to MSS facilities shall be reviewed by the District Engineer. Complete plans and specifications shall be submitted to the Engineer following initial approval of extension to facilities by the Board. Said plans and specifications shall be reviewed by the Engineer for compliance with MSS engineering requirements, a minimum of which are set forth in Section 4.9.

5.3 Locations of Sewer Lines: All sewer lines shall be located in public road right-of-ways and utility easements. A county road cut permit is required for all installation in Milner road ways.

5.4 RCDEH Acceptance of Facilities Extensions/Expansions:

5.4.1 Definitions

- a. Preliminary Acceptance: Consists of the initial approval of facilities extensions or expansions installed by a developer. The date of preliminary acceptance initiates the one (1) year warranty period prior to Final Acceptance. Preliminary acceptance initiates the one year warranty period and permits the placement of the facilities in service but does not constitute ownership or responsibility for operation, maintenance and repair by the RCDEH.
- b. Final Acceptance: Occurs at a time at least one (1) year following Preliminary Acceptance by the RCDEH. Final acceptance constitutes that point at which the RCDEH receives a deed for the lines and takes over ownership and all operation and maintenance responsibilities.

5.4.2 Procedure

- a. Preliminary: Upon substantial completion of construction the developer shall request in writing preliminary acceptance by the RCDEH. The written request shall be accompanied by a Certificate of Substantial Completion by the developer's engineer. The RCDEH shall satisfy itself that the project was completed in accordance with MSS specifications and requirements, following which they shall issue a letter of Preliminary Acceptance.
- b. Final: The developer shall issue a written request for Final Acceptance by the RCDEH no earlier than one (1) year following Preliminary Acceptance. Once the RCDEH has satisfied itself that the facilities are acceptable the Board shall by resolution accept the facilities contingent upon receipt of a deed for the facilities.

5.4.3 Developers Responsibility: The developer shall be responsible for all warranty maintenance and repair of facilities during the warranty period at no cost to the RCDEH.

During the warranty period the developer shall also assure that all lines and related facilities are free and clear of any liens or encumbrances.

5.4.4 Security: The MSS may require the developer to provide a warranty bond, escrow account, or other form of security which shall remain in effect until the Final Acceptance at which time it shall be released. The security amount is not to exceed 100% of the estimated facilities construction cost. Arrangements for security are to

be made prior to Preliminary Acceptance. Preliminary Acceptance will not be given without the required security arrangements being completed.

5.5 Treatment Plant Expansion: If a proposed development may in the opinion of the District Engineer, or the Board jeopardize sewage treatment operation the Developer shall be responsible for correcting the deficiency by upgrading the existing facilities, or providing additional facilities, or other appropriate action in a manner approved by the District Engineer and the Board.

5.6 Reimbursement for Facilities Extension:

5.6.1 Policy: It shall be the policy of the RCDEH that the cost of all extensions to the sewer system shall be paid for by the Developer. Portions of these extensions may be eligible for reimbursement as established below.

5.6.2 Line extension to the Developers Property: Should extension of MSS facilities be required to provide service at the Developer's property boundary, the portion of the line extending from the termination of MSS lines to the Developer's property line is eligible for reimbursement.

Reimbursement shall be at the rate of 50% of each tap fee for each tap served by the lines up to 100% of the Developer's cost for line installation.

This reimbursement shall originate from taps located both outside of and within the Developer's property served by the line extension.

5.6.3 Line Extensions within the Developer's Property: It shall be RCDEH policy that lines installed to provide service within the Developer's property shall be at the Developer's cost. Only that portion of the lines which serve as trunk lines in the event of further expansion by another or the same Developer are eligible for reimbursement.

Reimbursement will be from 50% of the tap fees collected in the new development which utilizes a portion of the original Developers facilities for service. No reimbursement is due from tap fees collected in the original development.

Reimbursement shall not exceed 50% of the actual documented construction cost.

5.6.4 Reimbursement: Documentation of actual construction costs must be provided to the Board by the Developer prior to final acceptance of extensions by the RCDEH in order for consideration to be given to immediate or future reimbursement. The District Engineer shall review and approve all submitted information and recommend approval or disapproval to the Board.

- 5.6.5 Limitations: Reimbursement for facilities extension shall only occur up to 10 years from the date of Final Acceptance. Following the expiration date of this time the Developer shall no longer be eligible for any reimbursement.

APPENDIX A - LEGAL DESCRIPTION

The MSS treatment facility is located in the SW1/4, NE1/4, S15, T6N, R86W; at Milner, CO; Latitude: 40.479947° North, Longitude: -107.021022° West

Beginning at the Point of Intersection of the east line of the Town of Milner as platted by the Milner Land, Coal and Town Site Company's Amended Plat of the Town of Milner and the north line of the NE1/4, Section 15 from which the N1/4 corner of Section 15 bears S 89° 34' 32" W 740.00 feet:

- thence N 00° 48' 13" E 450.00 feet along said east line projected,
- thence S 89° 50' 10" W 1399.98 feet to the west line projected to the above said Town of Milner,
- thence S 00° 48' 13" W 450.0 feet along said west line projected to the north line of the NW1/4, Section 15,
- thence S 00° 48' 13" W 34.32 feet along said west line of the northwest corner of Block 4 of the above said Town of Milner
- thence S 00° 48' 13" W 1097.00 feet along said west line to the north ROW line of the Union Pacific Railroad, said ROW being 50 feet north of the existing centerline,
- thence S 78° 53' 58" E 527.93 feet along said north ROW line and along the south boundary line of the Town of Milner,
- thence S 89° 21' 47" E 151.26 feet along said north ROW line and along the south boundary line of the Town of Milner
- thence N 61° 45' 13" E 834.02 feet along the south boundary line of the Town of Milner to the east boundary line of the Town of Milner,
- thence N 00° 48' 13" E 843.90 feet along said east boundary line to the Point of Beginning.

Containing 50.27 acres more or less.

Bearings are based upon the center of Main Street of the Town of Milner being N 00° 48' 13" E.



**APPENDIX A
COMMUNITY OF MILNER
SANITATION SYSTEM
LOCATION MAP**

- | | | |
|--------------------|-------------------------------|------------------|
| STATE | Wastewater Treatment Facility | Townships |
| COUNTY PUBLIC ROAD | Parcels | Sections |
| PRIVATE | Subdivision | Quarter Quarters |
| FEDERAL | | |
| CITY OR TO WN | | |

* This map is for illustration purposes only. Areas displayed are approximate, and not necessarily accurate to surveying or engineering standards. Any other use or recompilation of the information is the sole responsibility of the user. While every effort has been made to ensure the accuracy, correctness and timeliness of materials presented, Routt County expressly disclaims all liability regarding accuracy or completeness.

APPENDIX B – SERVICE LINE INSTALLATION AND MATERIALS STANDARDS

B.1 Sewer Service Lines:

B.1.1 Materials

- a. Sewer Pipe: Polyvinyl Chloride (PVC) meeting or exceeding all the requirements of ASTM Specifications D-3034-77, SDR 35 shall be used. Joints shall be push-on type with a rubber sealing ring meeting or exceeding the requirements of ASTM D-3212. Pipe shall be first quality, and free from cracks and all other defects or damages.
- b. Cast-Iron Pipe: Cast-iron pipe shall meet or exceed all requirements of ASTM Specification A 74-66. Compatible fittings shall be used with the pipe and a proper rubber transition coupling used for connection to the tapping tee or wye.
- c. ARMC ES (extra strength) solid wall ABS sewer pipe may also be used for four and six inch service lines. Fittings shall be those compatible with ABS pipe.
- d. Cleanout covers shall be Comco Catalog #C-6516 or Neenah #R-1971 or an approved equal.
- e. Tapping Saddles shall be factory made solvent weld or rubber gasketed saddles. All saddles shall be affixed to the main with stainless steel bands as well as solvent or glue.

B.1.2 Installation

- a. General: Workmanship, materials and installation shall conform to the provision of these specifications, Colorado Department of Health and Environment design criteria and the individual manufacturer's recommendations. All pipes when jointed in the trench shall form a true and smooth line. Pipes shall not be trimmed except for closures and pipes not making good fit shall be removed from the job site.

In general, sewer lines shall not be curved. In special cases approved by the District Engineer, the minimum radius of curvature shall be in conformance with the provisions of the individual manufacturer's recommendations.

The pipe grade shall be uniform from the main to the building. Immediate partial backfill may be required in some portions of the sewer pipe to prevent additional accidental deflection of the pipe.

Materials shall not be dropped into the trench but shall be lowered by either hand or machine.

The entire surface of all pipes shall be clean when laid and the joints completed. No interior surfaces are to be cleaned while the pipe is under water nor are any joints to be completed while any portion of the bell end is submerged.

Pipe laying shall proceed upgrade with the spigot ends of bells-and-spigot pipe pointing in the direction of flow. Each pipe length shall be laid true to line and grade in such a manner as to form a close concentric joint with the adjoining pipe and to prevent sudden offsets to the flow line. No pipes are to be placed in the trench or final joints made until fine grading of the trench bottom to the desired invert elevation or stabilization of an unstable trench bottom has been completed.

During pipe laying operations no debris, tools, clothing or other material shall be placed in the pipe. When pipe laying operations are not being conducted or are temporarily suspended, all pipe openings are to be plugged with a water tight plug.

All service line installations shall meet the requirements of ASTM-D-2321 and the International Plumbing Code as adopted by the State.

- b. Taps to Main Line: All such taps shall be in the upper half of the sewer main, but not directly on the crown of the pipe. Sewer line taps shall be made by the RCDEH Inspector.
- c. Taps to Manholes: All taps to manholes must have written approval of the RCDEH and be installed with a pipe directing the flow from the service in the same direction as the main sewer and no more than a foot above the flow line of the main sewer (“inside drop”). Tapping of manholes will be permitted only in rare cases.
- d. Depth: All service lines shall be installed at a minimum depth of four (4) feet to protect against surface loadings and possible freezing. Lines may be laid shallower if insufficient grade is available to permit deeper installation with the approval of the RCDEH Inspector.
- e. Cleanouts: Service lines shall have cleanouts located at the house, at all bends of 45° or greater, and at intervals no greater than 100 feet. The interior shall form a true and smooth interior to allow easy access for inspection lights and cleaning equipment.

Construction shall in all cases meet criteria established in the International Plumbing Code (UPC) and as approved by the RCDEH Inspector.

- f. Backfill: All backfill in streets shall be compacted in accordance with County Road Cut Permit requirements or mechanically compacted in lifts not to exceed 12 compacted inches whichever is more stringent.

g. Miscellaneous Requirements:

- 1) All car washers or other commercial establishments generating silt in their sewage discharge line shall be required to install a silt trap on the service lines.
- 2) All restaurants, gas stations with floor drains, and any connection deemed necessary by the Board or District Engineer shall be required to install a grease trap on their service line.
- 3) All consumers wishing to tap the sewer line along Highway 131 will be required to obtain a permit from the Colorado State Highway Department. The individual property owners shall obtain the necessary permit.
- 4) If any dwelling unit or other structure tapped onto the sewer should be removed or otherwise demolished the service line is to be capped with a watertight cap under the supervision of the RCDEH Inspector.

B.2 Inspection and Testing:

B.2.1 Testing: The RCDEH Inspector shall be responsible for inspecting and testing sewer service line tap activation and installations.

- a. Sewer Service: All services are to be inspected and approved by the Inspector prior to backfilling and use. The service shall be inspected for grade, water tightness (static head test), cleanout installation (minimum 100 feet spacing) and adequate cover.

Exfiltration tests shall meet the following requirements. The maximum allowable leakage shall not exceed 100 gallons per day per mile per inch for PVC, ABS, cast iron, or ductile iron pipe. Should any service line disclose a leakage greater than the allowable, the owner or his contractor shall at his expense repair the leak and retest the line until the leakage is within allowable limits. The owner or his contractor shall be responsible for setting up the appropriate tests and notifying the Inspector.

B.2.2 Inspection: No service lines will be allowed tap activation unless approved by a RCDEH Inspector. The RCDEH Inspector shall also be responsible for observing and approving appropriate tests on all service lines prior to their connection to the system.

B.2.3 As-Built Service Location: The RCDEH Inspector shall also locate the position of new service lines on a master as-built drawing and reference the distance of the tap from the nearest manhole, hydrant, valve or other prominent feature.

APPENDIX C – RATE SCHEDULE

- C.1 General: This section details charges and fees to be levied by the RCDEH for the provision of sewage services. Rates and charges established herein shall be effective from and after adoption of these Rules and Regulations as provided by law, and shall remain effective until modified or amended by the Board pursuant to Section 1 – Rules and Regulations, and nothing herein shall be construed as limiting the power and authority of the Board to change such rates and charges. The rates and charges provided herein shall not in any manner obligate the RCDEH for services outside the MSS boundaries.
- C.2 Classification of Customers: Every customer of the MSS shall be classified by the RCDEH by reference to Single Family Equivalent(s) (SFE). Every single-family dwelling unit, whether in a single structure or in a multiple dwelling unit, shall be classified as one (1) SFE. For every commercial structure receiving or proposed to receive services from the MSS, the RCDEH, or the District Engineer shall examine the plans and specification for planned or existing structures and the number of persons or proposed persons occupying or proposed to occupy the structure. From time to time the RCDEH or the District Engineer may review specifications, occupancy, and such other information as deemed necessary to determine the number of SFE's to be assigned to such structure.
- C.3 Tap Fee: A tap fee shall be charged to all customers of the MSS. Said fee shall represent a “privilege to serve” fee, assessed and paid before a utility permit pursuant to Paragraph 4.8.1 shall be issued. Said fee shall be due and payable upon request for a utility permit. No permit will be issued unless the tap fee is paid. Tap fees paid for a lot are not transferable to another lot at a later date. The tap fee shall be considered a portion of the lot and shall be conveyed to the new owner upon sale of the lot or other land parcel.
- C.4 Quarterly Service Charge: A quarterly service charge shall be assessed by the RCDEH for use of MSS Facilities. This charge shall be intended to pay for system operation and maintenance expenses as well as any debt retirement for which the MSS is responsible. The quarterly service charge will be based on the number of SFE's served.
- C.5 Payment of Quarterly Service Charges: It shall be the policy of the RCDEH to bill all service charges quarter-annually. If the Consumer fails to pay when due, interest shall accrue at the rate of 1% per month until paid. The RCDEH shall have the right to assess to any Consumer attorney fees and costs. Costs include, but are not limited to, treasurer fees as set forth in C.R.S. 30-1-102.

Until paid, all rates, fees and charges of the RCDEH shall constitute a perpetual lien against the property served as provided by law.

C.6 Cash Deposit: The RCDEH may require any customer to provide the RCDEH a cash deposit to assure payment of bills as the same accrue, not to exceed one quarter-annual payment.

C.8 Availability Fees: The Board may establish an “availability of service” fee where sewer facilities are available to a parcel of land but no connection with MSS facilities or no usage of services has been or is then being made.

C.9 Schedule of Rates and Charges:

C.9.1 Tap Fees:

1. As of February 2016, the tap fee for a one SFE dwelling unit for the sewer system shall be \$6,000.00. The fees will be reviewed on an annual basis and are subject to change upon approval of the Board.
2. As of February 2016, tap fees for multiple SFE units shall be based on direct multiples of the above rates. For example, the tap fees for a four SFE unit will be \$24,000.00. The fees will be reviewed on an annual basis and are subject to change upon approval of the Board.
3. Out of MSS service area tap fees for one SFE shall be 2.0 times the above rates.
4. Tap fees for multiple SFE units shall be calculated by the RCDEH, reviewed by the County Engineer, and approved by the Board.
5. The Board shall have the final authority for approving or establishing tap fees.

C.9.2 Usage Fees – Sewer System:

1. As of February 2016, the usage fee for the sewer system shall be \$33.33/month/SFE. The fees will be reviewed on an annual basis and are subject to change upon approval of the Board.
2. Usage fees for multiple SFE units shall be based on direct multiples of the above rates.
3. Out of MSS service area usage fees shall be 1.5 times the normal rate or \$50.00/month/SFE. The fees will be reviewed on an annual basis and are subject to change upon approval of the Board.

APPROVED AND ADOPTED:

Date

By: _____
Cari Hermacinski, Chair
Routt County Board of Commissioners

Attest: _____
Kim Bonner