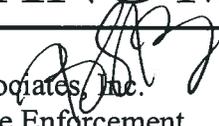


AUBURN MLS MEETING MEMO

To: Auburn Brokers/Title Officers/Lenders
From: Brigit S. Barnes, Brigit S. Barnes & Associates, Inc. 
Subject: City of Colfax's Sewer Lateral Ordinance Enforcement
Date: May 6, 2010

In addition to this office's private practice, our office began representing the City of Colfax last September as special land use counsel, and have been informed by realtors here in Auburn that there is either no, or incorrect, information regarding recently adopted ordinances affecting the escrows for Colfax property. This is a particular problem for short sales, because the ordinance issues I am raising in this memo require disclosure, and compliance with the recently enacted ordinance may cost the property owner, lender, or buyer anywhere from \$4,500.00 to over \$12,500.00.

WHAT COLFAX'S SEWER LATERAL ORDINANCE REQUIRES

Please refer to the City's brochure, and the Adopted City Requirements and Standards for Closed Circuit Television Sewer Lateral Inspections, and Standards for Obtaining a Sewer Lateral Certificate of Compliance Based on Repair or Replacement of Building Sewer Laterals, attached to this memo [extra copies of these documents are available from the City]. Ordinance No. 499, adopted in late January this year, includes terms mandated by RWQCB to settle the Board's lawsuit against the City related to the recently reconstructed sewer plant.

Under Ordinance No. 499, the property owner is required to have his sewer line, from his house out to the connection with the City line, cleaned and tested, and repaired or replaced as necessary prior to the close of escrow for the sale of the property [see Brochure, Page 2, F].

- The property owner, or the realtor, if handling because of a short sale or foreclosure, should call the City to obtain a City Application for City Sewer Lateral Testing Permit Package. This Package contains explanations for the procedure. The Testing Permit Package includes the standards and conditions to be met by the plumber before Proof of Compliance should be submitted to the City Engineer [see Brochure, Page 3].
- Proof of Compliance must also be submitted to the City Engineer in the form of CCTV by a plumber. If there are questions as to whether a specific plumber has the skill necessary to evaluate the line, please call the City and they will connect

you with the City Engineer. Because most of the homes located in the City were hooked up to the City's system beginning in the 1950's, and because the compliance standards which must be applied by the City Engineer are those imposed by recent [post 2000] RWQCB guidelines, it is impossible that the lines from the residences are going to be in compliance without cleanout and City certification confirming what the plumber represents. If only cleaning is necessary and the CCTV submitted is approved by the City Engineer, no further work will be necessary, and only administrative review costs will be due the City before the certification is accepted. However, if the City's review of the CCTV shows that repairs and/or replacement are necessary, the property owner is liable for the costs of such repairs or replacement up to the connection with the City line.

COMPLIANCE ISSUES

(a) **Proof of correction of existing sewer system** to meet conditions of settlement. Owner [or realtor] to provide City with CCTV of sewer lines that have been corrected to comply with the Ordinance [not the existing condition of the lines]. Many of the videos already submitted show the sewer lines as is, as though no work will be required. A cleanout to locate potential damage to the line, at the minimum, will be required. If the video as reviewed by the City Engineer does not meet the corrections criteria, it will be rejected.

Cost: Estimated Basic Administration to the City to confirm compliance with the Ordinance: \$407.00 [assumes that plumber submits CCTV showing no need for repairs].

(b) Obtain estimates of costs for CCTV and cleanout, minimum, from your plumber before proceeding. The City has a list of plumbing contractors who have registered with the City to perform the inspections and cleanouts. Be sure that the contractor has the capacity to provide CCTV of the inspection. Otherwise, the inspection has to be confirmed on site by the City Engineer, thus increasing your costs. Of course, only hire a licensed plumbing contractor.

(c) Repair and or replacement of lines from the house to the City line, if required after CCTV of line reviewed by City Engineer.

Cost: Estimates from outside plumbing contractors: \$4,500.00 to \$12,000.00.

(d) Property owner refusal/failure to comply. The Ordinance provides for the City to complete the work itself, then lien the given property. This procedure will be implemented against properties based on an investigation by the City.

GRANTS OR FINANCING TO ASSIST PROPERTY

The City has succeeded in obtaining \$100,000.00 for use in upgrading the sewer laterals, but this fund is available only for very low income owners. The City continues to try to locate funding to assist property owners, but so far has only obtained the "very low" grant.

NOTICE ISSUES

The City is aware that despite newspaper articles and public notice of the relevant hearings as required by state law, many people are unaware of the adoption of the Ordinance and misunderstand its impact on their transactions. Therefore, our office is working with the Placer County Recorder to record a notice of compliance obligations prior to sale or probate transfer against all properties within the City limits.

Clients\Marketing\Auburn MLS\05.06.10 Meeting Memo

CITY OF COLFAX

ORDINANCE NO. 499

ORDINANCE REQUIRING TESTING, INSPECTION, REPAIR AND REPLACEMENT OF BUILDING SEWER LATERALS

Information for the property owner

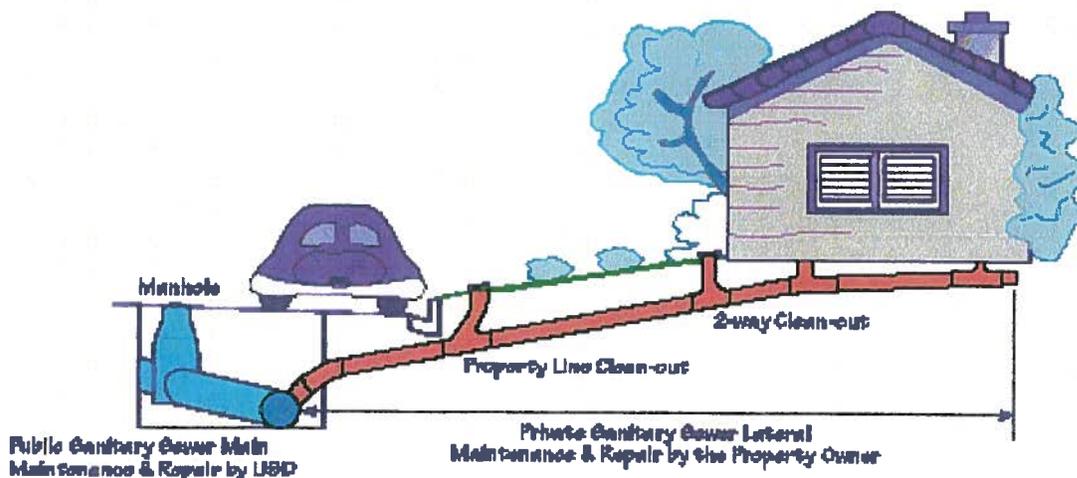


This brochure is intended to answer the most common questions about the City's regulations regarding sewer laterals.

Q: Who is responsible for sanitary sewer repair?

A: The City of Colfax maintains all public sanitary sewer mains. This includes over 10 miles of pipelines which are generally located within public streets or easements dedicated for City use.

Each home or commercial building has a separate connection to the public sanitary sewer main called a building sewer lateral. In accordance with City Ordinance No. 499, it is the property owner's responsibility to maintain and repair their own building sewer lateral from the house up to the point of connection with the public sanitary sewer main. This includes both the portion on private property and the portion located beneath the sidewalk and street up to the point where the lateral connects to the public main. The drawing below illustrates the difference between a sewer lateral and a public sanitary sewer main.



Q: Why is the City concerned about the condition of the sewer lateral?

A: Sewer laterals which are in poor condition present two problems: (1) faulty sewer lines can leak raw sewage in the ground, which may be a public health issue; (2) storm water can invade poorly sealed sewer lines and can overload the sewer system, causing sanitary sewer overflows (SSOs) and backups, and can occasionally overload the wastewater treatment facilities, resulting in the discharge of partially treated wastewater.

Q: At what point(s) am I required to clean, test, repair or replace my sewer lateral?

A: You may voluntarily choose to repair or replace your sewer lateral at any time you feel it is necessary (for example, if you are experiencing frequent sewer backups or blockages). However, the City Municipal Code now requires that sewer laterals be cleaned and tested, and repaired or replaced as necessary and receive a Certificate of Compliance from the City under any of the following conditions:

(A) The installation of additional plumbing facilities that produce a major, increase, in the judgment of the City of Colfax, in sewage flow from the house, building, property or other structure served.

(B) Whenever property located in the City of Colfax is remodeled or modified with an estimated or actual remodel or modification cost or value in excess of \$20,000 as determined by the City.

(C) A change of use of the house, building, property or other structure served from residential to business, commercial, or other non-residential, or from non-residential/non-restaurant/non-industrial to restaurant or industrial uses such as carwashes, cleaners and laundries.

(D) Upon repair or replacement of any portion of the Building Sewer Lateral.

(E) Upon a determination by the City of Colfax that the cleaning, testing, repair or replacement is required for the protection of the public health, safety and welfare.

(F) Prior to the close of escrow upon a sale or other transfer of the house, building, property or other structure served or, if there is no escrow, prior to recording a deed or other document transferring title to the house, building, property or other structure served.

(G) In a probate or other testamentary proceeding or in the event of a transfer pursuant to the terms of a revocable living trust, joint tenancy termination or other similar instrument, within 180 days after the sale, transfer or conveyance of the house, building, property or other structure connected to the City's Public Sewer Main.

Q: What are the problems associated with sewer laterals?

A: Most homes in the City were built before 1950, and often have never replaced their original sewer laterals. Over time, these pipelines, can crack, become disjointed, experience displacement, and/or be subjected to intrusion by roots, all of which can cause leakage and blockage. In addition, some sewer laterals lack proper "cleanouts," which provides access for clearing blockages.

Q: How do I find out where the problem is?

A: When a sewer backup or other problem occurs, in most cases it will not be obvious whether the problem area is in the sewer lateral or the public main. If this occurs, call the City at (530) 346-2313.

The City will come out to inspect the public sewer main free of charge. If a problem is found within the public main, it will be repaired as soon as possible. If the public main is found to be clear, the property owner will be informed that the blockage is probably in the sewer lateral. In this case, the property owner is responsible for maintenance or repair.

Caution: When trying to locate a sewer problem, never open manholes or other City structures. Due to potential hazards, only City personnel are authorized to open and inspect these structures.

Q: How do I proceed with a sewer lateral problem ?

A: If the sewer problem is found to be in the sewer lateral, the property owner can hire a contractor to make repairs or, if equipped, can make repairs themselves. Contractors are listed in the yellow pages of the phone book under "Plumbing Drain & Sewer Cleaning" or "Sewer Contractors".

Before any work begins, a City Application for City Sewer Lateral Testing Permit package is required (even for repairs on private property). The City Sewer Lateral Testing Permit package will include documents that set forth the minimum standards for inspection, videotaping, repair and replacement of sewer laterals, for the purpose of obtaining a Sewer Lateral Certificate of Compliance. More information on how to obtain the Permit package is available by calling: (530) 346-2313.

Q: How can I avoid damage to other utilities?

A: When digging to make sewer repairs, it is very important to know where other utilities are located so that damage can be avoided. Most utility companies belong to a locating service called Underground Service Alert (USA). By calling USA at 1-800-227-2600, the utility companies will be notified that you are planning to dig and will come out, free of charge, to mark the location of their utility lines.

Q: What permits are required for repairs in a street?

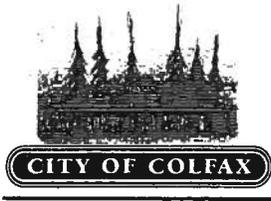
A: If a sewer lateral repair involves digging in a street or other public right-of-way, in addition to the City Application for City Sewer Lateral Testing Permit package, an encroachment permit will also be required. Encroachment permits are available from the City. To obtain a City Encroachment Permit for repairs outside of the property line, call (530) 346-2313

Q: Where do I find a contractor to repair or replace my sewer lateral?

A: The City has a list of plumbing contractors that are registered with the City. If you wish to check a contractor's license, you may do so with the State's Contractors License Board, using their toll free number or Web site. Most of these contractors are also able to make sewer videos.

Q: How do obtain a Certificate of Compliance?

A: As a condition of obtaining a Certificate of Compliance, as a minimum, the Property Owner must submit an Application for a Certificate of Compliance along with the Sewer Lateral Close Circuit Television (CCTV) Inspection Report and CCTV Videotape demonstrating that the sewer lateral is in compliance with City Ordinance. Upon review of the Inspection Report and CCTV Videotape, if determined by the City that the Building Sewer Lateral(s) passes the testing procedure, required by City Ordinance 499, and upon payment of the fees required by the City, the City Engineer, or his or her designee, shall issue a signed Certificate of Compliance to the Property Owner.



**REPORT TO
COLFAX CITY COUNCIL**

COUNCIL MEETING OF

APRIL 7, 2010

Agenda Item No.

City Manager's Approval

To: Honorable Mayor and Members of the City Council
From: Bruce Kranz, City Manager
Prepared By: Nicholas Ponticello, City Engineer
Date: March 26, 2010
Subject: Adopt a Resolution Establishing Standards for Closed Circuit Television Sewer Lateral Inspections and Standards for Obtaining A sewer Lateral Certificate of Compliance Based on Repair or Replacement of Building Sewer Laterals

Recommended Action: Conduct a public hearing and upon conclusion, adopt a Resolution establishing Standards for Closed Circuit Television Sewer Lateral Inspections and Standards for Obtaining A sewer Lateral Certificate of Compliance Based on Repair or Replacement of Building Sewer Laterals pursuant to City of Colfax Municipal Code Title 13, Chapter 13.08, Article IX, "Private Sewer Laterals".

ISSUE STATEMENT AND DISCUSSION:

The City's Building (Private) Sewer Lateral Ordinance No. 499 adopted and added to the Title 13, Chapter 13.08, as Article IX, "Private Sewer Laterals", requires that the City shall establish rules, regulations, guidelines, and policies for implementing and enforcing the testing, repair, replacement, and maintenance of private sewer laterals within the City of Colfax to comply with the Settlement Agreement with Allen and Nancy Edwards for reducing infiltration and inflow of non-sewer flows into the City of Colfax sanitary sewer collection system.

The City Engineer and Community Services Director have prepared the Requirements and Standards for implementing and enforcing Title 13, Chapter 13.08, as Article IX, "Private Sewer Laterals".

- Standards for Closed Circuit Television Sewer Lateral Inspections.
- Standards for Obtaining a Sewer Lateral Certificate of Compliance Based on Repair or Replacement of Building Sewer Laterals.

Staff will make the Requirements and Standards available to realtors, property owners, and contractors to assist them in complying with the City's Sewer Lateral Ordinance.

Below is a detailed description of each of the elements of the program and associated costs, which are also summarized in Attachment 2. Revenues generated through the fees associated with this program will fund all related City expenses.

FINANCIAL AND/OR POLICY IMPLICATIONS:

A new fee is needed to pay for the cost of implementing and administering the testing, repair, replacement, and maintenance, certification of building sewer laterals.

The consequences of not addressing sanitary sewer private lateral rehabilitation include: possible regulatory and legal action; continued infiltration of ground water and inflow of storm runoff into the sanitary sewer system resulting in higher treatment costs; claims for damages due to sewer blockages and overflow; and continued high maintenance costs of recently rehabilitated sewer mains.

Attachments:

- Resolution
- Standards for Closed Circuit Television Sewer Lateral Inspections.
- Standards for Obtaining a Sewer Lateral Certificate of Compliance Based on Repair or Replacement of Building Sewer Laterals.

CITY OF COLFAX

REQUIREMENTS AND STANDARDS FOR CLOSED CIRCUIT TELEVISION SEWER LATERAL INSPECTIONS

PURPOSE AND SCOPE

This document provides information and sets forth standards for sewer lateral closed circuit television (CCTV) inspections and recording. The purpose and scope of this document is to encompass those facets of the CCTV Sewer Lateral Inspection Program pertaining to the performance and quality of the CCTV inspection and recording and to improve the accuracy and quality of the televising activities and preparation of the CCTV inspection report. Specifically, it is for use by CCTV operators and technicians, contractors, plumbers, design engineers, CCTV interpreters, and others who are or may be involved in the CCTV Sewer Lateral Testing Program. This document does not set forth the standards pertaining to sewer lateral testing, repair, or replacement.

GENERAL INFORMATION

1. Prior to performing CCTV inspection, the sewer lateral shall have been cleaned by utilizing the appropriate cleaning method given the inside condition of the sewer lateral. Roots, grease, oil, sediment, or solids shall be removed to permit the visual review and recording of the inside wall of the sewer lateral. The cleaning work is to be performed by a licensed Contractor pursuant to the provisions of Section 7026 of the State of California Business and professions Code.
2. CCTV sewer lateral inspection recordings, hereinafter referred to as "media", shall be in DVD format and shall be in color.
3. Camera, power source, lights, and other components for the video inspection shall be equipment designed and manufactured for the inspection of sewer laterals and piping having a minimum diameter of 3" and for a distance of at least 150 feet from the point of access.
4. Lighting and camera quality shall be suitable to provide a clear, in focus picture of the entire inside periphery of the sewer pipe for all conditions encountered during the work.
5. All recordings shall be in focus, properly illuminated with good contrast, adequate color and tint without distortion or outside interference.
6. The camera lens must be kept clean and clear; any fogging due to oil, grease, or other water content or debris that obscures the lens shall be cleaned off before proceeding with the recording operation. The camera is to be operative in 100% humidity.
7. Sewer lateral CCTV inspection recordings that are to be submitted to the City for review and the eventual issuance of a Building Sewer Lateral Certificate of Compliance are to be performed by contractors who are licensed and experienced to perform CCTV inspections or other inspection service providers and technicians who are permitted by law to perform such inspections. The CCTV inspection media shall show the whole periphery of the pipe. CCTV inspection personnel shall coordinate the work of the CCTV inspection with the property owner or resident to minimize or temporarily stop sewer

discharge into the sewer lateral while recording in order to show the whole periphery of the sewer lateral. If a bypass conduit is necessary, it must receive prior approval from the City inspector, and it shall be used as the last alternative.

8. A data view display feature capable of showing on media the following information shall be provided:
 - a. Physical address of property which the sewer lateral serves
 - b. Date and time of inspection
 - c. Name of company, firm or technician performing the CCTV inspection
 - d. Inside diameter of sewer lateral and type of pipe material
 - e. Continuous footage counter accurate within 3 percent
 - f. Identification of access and starting point for video inspection such as upstream cleanout and location of cleanout. Vent lines will not be acceptable as access points.
9. The preferred direction of the video inspection is forward from upstream to downstream.
10. Video televising of the entire length of the sewer lateral is required to the public sewer main. Inability or failure to do so because of obstructions in the line, collapsed pipe, out of alignment joint offsets, or lack of acceptable access points will result in the rejection of the CCTV inspection report. An acceptable access point is defined as a cleanout constructed in accordance with the plumbing code and City of Colfax Standards and it permits the complete video inspection of the sewer lateral. A vent pipe or any portion of the building plumbing is not considered as an acceptable access point. If there are no acceptable access points, installation of new sewer lateral cleanout meeting the requirements of the adopted plumbing code and the City of Colfax Standards will be required in order to perform a video inspection of the sewer lateral. The location of the cleanout shall either be near the building footing at the building plumbing outlet, at the property line, or between the property line and the building footing. If only one cleanout is being provided to facilitate the video detection and it is located at the property line, a double sweep type cleanout shall be provided to facilitate inspection of the building lateral from the new cleanout.
11. The media shall be labeled and the labels shall be typewritten or legibly hand printed and shall include the following information:
 - a. A "CCTV Sewer Lateral Inspection" title
 - b. Street address of the property to which the sewer lateral serves
 - c. Date of inspection
 - d. The name of the Company, Firm, or Individual responsible for the CCTV Inspection and to which payment has been made as reflected on the invoice provided by the inspection service provider to the owner or service requestor.
12. The CCTV inspector or operator shall attempt to identify all illicit connections to the sewer lateral observed in the CCTV inspection such as roof drains, area drains, french drains, swimming pool drains, basement drains, and footing drains by physically

inspecting the property for visible evidence. The findings shall be noted in the CCTV Inspection Report

13. Sewer lateral lengths shall be measured from cleanout to the public sewer main, cleanout to inside of structure and from cleanout to cleanout.

SPECIFICATION

All CCTV data collecting and recording activities shall conform to the minimum requirements set forth in "The CCTV Inspection Standard for Sewer Laterals".

THE CCTV INSPECTION STANDARDS FOR SEWER LATERALS

PART 1 – FIELD DATA COLLECTING PRACTICES

All CCTV inspection and recording practice for sewer laterals will be evaluated against these Standards.

1. All recordings shall be in color with the ability to achieve proper balance of tint and brightness. The loss of color or severe redness due to equipment malfunction may be cause for rejection of the CCTV Inspection Report.
2. All recordings shall be properly focused and illuminated with good contrast, adequate color and tint, without distortion, or outside interference. While moving forward or in the reverse run, the picture shall be of adequate light to clearly ascertain the existence of pipe cracks or fractures and their severity in addition to the obvious features such as joints and additional connections to the lateral.
3. The complete periphery of the sewer lateral shall be visible.
4. The camera operation may be cable pulled or self propelling and may record moving forward or on a reverse pull depending on the pipeline conditions. The preferred direction is forward from upstream to downstream.
5. The camera lens shall be kept clean and clear without fogging due to oil, grease, or other water content or debris that obscures the lens. The lens shall be cleaned before proceeding with the recording operation.
6. The camera shall be moved through the sewer lateral at a uniform rate not exceeding 30 feet per minute. The camera shall be stopped for a minimum of 5 seconds at broken or cracked pipe sections, root intrusion, miss aligned joints, connections to the lateral or other pipe defects. The camera shall be stopped for a full minute at any flowing connections and if necessary, pulled back and re-televised to ensure a clear recording of the connection. Camera units shall have adjustable supports and shall be set so the camera axis is generally at the centerline of the pipe.
7. The operator shall clearly identify the location of all wye or tee connections, taps, breaks, roots, or other defects as outlined in Part 2 of these Standards.
8. The total length of the sewer lateral shall be inspected to the public sewer main. If the entire length of the sewer lateral cannot be inspected because of obstructions, the CCTV

Inspection shall be recorded as a failed inspection. However, the obstruction may be removed and the sewer lateral repaired in accordance with the "Standards for Obtaining a Sewer Lateral Certificate of Compliance Based on Repair or Replacement" and the line re-inspected.

9. The pipe diameter shall be obtained by physical measurement in the upstream (or downstream) cleanout. The pipe material shall be identified.
10. Reverse set ups are to be limited. Potential reverses shall be identified and reported to the City for review. It is intended that the number of reverses are minimized to those absolutely necessary to complete the inspection.

PART 2 – CCTV INSPECTION AND REPORTING FORM

The City CCTV Inspection and Reporting form is to be utilized in reporting and submitting any CCTV inspection recording to the City for review and the subsequent issuance of a Building Sewer Lateral Certificate of Compliance. The CCTV inspection report form can have any number of pages, depending on the number of defects found and it is to provide general information and inspection defects. General information including property address, date, time, operator name, and recording ID shall be provided. A diagram or a drawing showing the street, approximate location of the cleanout(s) and building face is to be provided. The diagram may be drawn on the back of the CCTV Inspection Report or prepared on a separate sheet of paper and attached to the inspection report. Pipe diameter, pipe material, shape of the pipe, pipe length, televised footage, CCTV view direction, usage of reverse setups and comments shall be provided. A sample CCTV Inspection Report form and the sewer defect classification nomenclature table are included in these standards.

PART 3 – CCTV RECORDING AND INSPECTION REPORT REVIEW

1. All CCTV recordings will be reviewed for acceptability of quality based on the minimum standards established and the CCTV Inspection Report will be checked against the visible features shown on the CCTV recording.
2. A CCTV Inspection Report shall be completed in conformance with the standards and appropriate sewer defect nomenclature which best represents the sewer lateral defects found shall be used.
3. In those cases where it is impossible to stop inflow into the sewer lateral during the CCTV inspection and recording because of illicit drainage connections or because the building to which the lateral serves is a facility which must continually use sewer service without interruption or is difficult to control the use of sewer service such as hospitals, care facilities, doctor and dental offices, or a large office, commercial, or industrial complexes, the CCTV inspection is to be performed during off peak usage of the sewer service. Heavy water flows which obscure the viewing of the inside of the sewer lateral will be cause for rejection of the recording. Surcharging and flooding of the camera lens will not be an excusable condition if it has been artificially created by an upstream surcharge. The existence of flow condition where the camera towing bridle is underwater and the sewer line segment is clearly not in a sag condition may result in a determination that the recording conditions are unacceptable.

4. All sewer lateral line segments must be televised complete from cleanout to cleanout, cleanout to public sewer main, and from cleanout to structure entrance on the same recording disk in a continuous run unless a reverse setup is necessary or if the recording time exceeds the capacity of the recording medium.
5. Continuous footage readings for identifying the location of defects must be accurate to within 3 percent tolerance. Defect identifications are to be called out and recorded to the nearest full foot. Any inaccuracy in the continuous footage meter or identified defects or features which cause doubt as to the accuracy of the locations or total length shall render the line segment recording as unacceptable. If the operator has acknowledged that the forward run is unacceptable and has decided to re-televisé on the reverse pass, the operator must ensure that the footage markings are correct and that a stop at each feature for 5 seconds is provided to produce a complete recording inspection in the reverse pass.
6. Any other unidentified defect such as equipment interference or malfunction causing blurred or obscured images that detracts from the ability to completely and with reliable accuracy read the recording shall constitute a basis for rejection.

TYPICAL ADVERSE PIPE CONDITIONS TO BE REPORTED IN THE CCTV INSPECTION REPORT

- Cracked Pipe (longitudinal, radial, spiral, multiple)
- Broken Pipe, Hole in Pipe, Deformed Pipe, Collapsed Pipe
- Separation in Pipe Joint (roots, earth movement, collapsed pipe section)
- Pipe Obstruction (cause for failed inspection)
- Infiltration (observable, evidence of, seeps into line, runs into line)
- Debris or Sediment in the Pipe (flow undisturbed or disturbed, unable to continue)
- Grease (flow undisturbed or disturbed, unable to continue)
- Scaling (flow undisturbed or disturbed, unable to continue)
- Side Connections (attempt to identify)
- Cleanouts (existing or missing and location)

CITY OF COLFAX

STANDARDS FOR OBTAINING A SEWER LATERAL CERTIFICATE OF COMPLIANCE BASED ON REPAIR OR REPLACEMENT OF BUILDING SEWER LATERALS

PURPOSE

This document sets forth the minimum standards to which sewer laterals will be repaired, replaced, or re-lined for the purpose of obtaining a Sewer Lateral Certificate of Compliance in accordance with the requirements set forth in the City of Colfax Ordinance No.499.

GENERAL INFORMATION

The City of Colfax Ordinance No. 499 requires the cleaning, inspection, and testing of sewer laterals connected to public sewers and serving residential, multi-family residential, commercial or industrial use properties upon the occurrence of stipulated property transfer transactions or events. These transactions or events are:

1. The change of ownership of the property served.
2. The application for a new connection to the sewer collection system,
3. Any repair or replacement of the sewer main to which the lateral is connected.
4. Any repair or replacement of any portion of the property's sewer lateral.
5. A determination by the City of Colfax that the cleaning and testing is required for the protection of public health, safety and welfare.
6. The application for a building permit for a remodel of any structure being served by the sewer lateral where the cost of the remodel work exceeds \$20,000,
7. The application for a change of use on property served from residential to commercial or from non-restaurant commercial to restaurant commercial,
8. The installation of additional plumbing facilities that produce a major increase in sewage flow.

Nothing in the Ordinance prevents such testing, repair or replacement before a change of ownership. The property owner is responsible for the repair or replacement of the building sewer lateral which has been found through testing and inspection to exhibit conditions which would permit excessive infiltration to enter the sewer collection system or excessive exfiltration. The building sewer (Building Sewer Lateral) is defined as that part of the sewer lateral from the building to the public sewer main that is required to be maintained by the property owner in accordance with ordinances adopted by the City.

Upon completion of the repair or replacement of the sewer lateral, re-inspections are to be conducted until the sewer lateral passes the required testing. Excessive infiltration or exfiltration is defined as exceeding the allowable amount as specified herein. Once the sewer lateral has successfully passed the inspection and testing procedure, and paid all fees, the City Engineer or Designated Representative shall execute a Building Sewer Lateral Certificate of Compliance which shall be filed with the City and recorded with the County Recorder of Placer County.

There are two categories of Building Sewer Lateral Certification of Compliance for the continued service of a lateral based upon materials and performance: (1) A 10 year certificate for existing laterals that do not conform to the current material standards for new laterals as established in the plumbing code adopted by the City of Colfax and does not exfiltrate at a rate greater than that established in the exfiltration pressure test for existing laterals (refer to the provisions specified in Specified Pressure Tests of these Standards); (2) A 20 year certificate for existing, existing repaired or existing replaced sewer laterals that meet the current material and testing standards for new laterals as established in the plumbing code adopted by the City of Colfax. For a 20 year certificate, the sewer lateral must be watertight.

An alternative testing and inspection procedure for a 10 year certificate consisting only of a CCTV inspection of the sewer lateral is applicable when there is a qualified change of ownership of the property served and the potential for hydrostatic conditions around the sewer lateral do not exist.

A property owner may apply for a Building Sewer Lateral Certificate of Compliance without inspection when the property owner provides evidence, satisfactory to the City Engineer or Designated Representative, that the sewer lateral has passed an inspection within the past ten (10) years in accordance with the City of Colfax Ordinance 499.

Grounds for immediate expiration of a Certificate of Compliance:

- a. A sewer overflow/spill from a sewer lateral.
- b. Upon a subsequent repair or replacement of any portion of the Building Sewer Lateral.
- c. Upon a determination of the City of Colfax that the cleaning, testing, repair or replacement is required for the protection of the public health, safety, and welfare.

STANDARDS FOR REPAIR OR REPLACEMENT OF BUILDING LATERALS

Approved Repair Methods and Materials

1. Materials used in the repair or replacement of existing sewer laterals which have failed to pass an inspection and/or test shall be made of pipe materials, fittings, couplings, and other joining materials which have been approved for use pursuant to the current edition of the Plumbing Code adopted by the City at the time of the inspection and/or testing, and as modified and specified in these Standards.
2. Sewer Laterals constructed of an approved pipe material which have cracked pipe sections where the pipe has retained its original shape and does not show excessive deflection and is not subjected to hydrostatic pressures either outside or inside the pipe may be repaired with an approved cured in place spot repair lining.
3. Sewer laterals which are subjected to hydrostatic water conditions either inside or outside the pipe and which have not passed a required pressure test, may be repaired with an approved cured in place pipe lining system installed within the entire length of the sewer lateral from the wye at the public sewer main to the sewer lateral cleanout closest to the building footing or replaced in its entirety with approved pipe materials. At

the conclusion of the repair, replacement, or relining the complete sewer lateral must pass specified pressure tests.

4. The replacement of damaged pipe sections with approved materials, fittings, and couplings is only acceptable where the sewer lateral is not subjected to hydrostatic pressures either inside or outside of the pipe unless the complete sewer lateral from the wye at the public sewer main to the cleanout closest to the structure being served can pass the required pressure test after the repairs are complete.
5. Whenever the sewer lateral is repaired, replaced, or re-lined, if not already installed, cleanouts shall be provided to grade to facilitate the inspection and testing at the junction of the building drain and the sewer lateral at a point approved by the City, typically within 2 feet of the structure being served by the lateral, and at or near the property line at a point and in a manner approved by the City if in the public way, or, at a point and in a manner approved by the City if not in the public way and on building property. For that portion of the sewer lateral being repaired, replaced, or re-lined, cleanouts shall also be provided to grade at intervals not to exceed 100 feet in run of a cleaning snake to reach the adjacent run of a cleaning snake, and for each aggregate horizontal change in direction exceeding 135 degrees in accordance with the City of Colfax Standards and the City adopted Plumbing Code.
6. Approved trenchless technologies such as "pipe bursting" may be utilized to replace sewer laterals.
7. Spot repairs consisting of the placement of metal or other sheeting materials and concrete or mortar will not be accepted.
8. Re-mortaring of joints as a repair method is not acceptable without prior approval of the City.
9. Pipe and pipe couplings shall be joined and installed in accordance with the manufacturer's recommendations. Pipe repairs shall be made in a manner which provides the least number of pipe joints.
10. Damaged wyes at the sewer main shall be replaced by the City at property owner expense.

Construction within the Public Right of Way

Construction methods utilized in the public right of way shall conform to the Standards and Specifications adopted by the City and in accordance with the provisions of the encroachment permit issued by the City.

Types of Pipe Damage that Must Be Repaired or Pipe Sections Replaced

1. Where the sewer lateral is not subjected to hydrostatic conditions and the exfiltration test is not required (allowed CCTV Inspection), the pipe repairs must be made for the following pipe conditions:
 - a. A separation or offset in the pipe joint including any fish mouth condition at the joint.
 - b. Holes or cracks in the pipe bell, barrel, or coupling.

- c. For PVC pipe, a deflection in the pipe cross-section exceeding 1/4".
 - d. Failed trench section causing excessive belly or sump condition in a pipe section causing retention of water of one inch or more.
 - e. Root penetration into the pipe.
 - f. Other lateral defects which the manufacturer of the lining system recommends be corrected prior to the placement of the liner.
2. Where the sewer lateral is subjected to hydrostatic conditions and the pipe repair option selected is pipe lining, repairs shall be made to the sewer lateral prior to the installation of the liner and the repair shall correct the following deficiencies:
- a. A separation or offset in the pipe joint including any fish mouth condition at the joint which the lining system cannot bridge based on the liner manufacturer's recommendations.
 - b. Holes in the pipe bell, barrel, or coupling that the lining system cannot bridge.
 - c. For PVC pipe, a deflection in the pipe cross-section exceeding 1/4".
 - d. Failed trench section causing excessive belly or sump condition in a pipe section causing retention of water of one inch or more.
 - e. Root penetration into the pipe.

Hydrostatic Pressure Conditions Defined

1. Hydrostatic pressures exist around the sewer lateral when the lateral is completely or partially submerged by groundwater or exists within the lateral when discharges to the lateral exceeds the capacity of the pipe or is subject to water head.
2. The following circumstances shall be prima facie evidence that the sewer lateral is subject to hydrostatic pressures:
 - a. For commercial or industrial uses, at any time the discharge to the sewer lateral exceeds the following flows for a 3 inch diameter sewer pipe at the indicated slopes or if there exists on the property a plumbing fixture that has the indicated capacity:
 1. 50 gpm w/ slope of 1/4" per foot
 2. 35 gpm w/ slope of 1/8" per foot
 - b. For commercial or industrial uses, at any time the discharge to the sewer lateral exceeds the following flows for a 4 inch diameter sewer pipe at the indicated slopes or if there exists on the property a plumbing fixture that has the indicated capacity:
 1. 100 gpm w/ slope of 1/4" per foot
 2. 75 gpm w/ slope of 1/8" per foot
 - c. For commercial or industrial uses, at any time the discharge to the sewer lateral exceeds the following flows for a 6 inch diameter sewer pipe at the indicated slopes or if there exists on the property a plumbing fixture that has the indicated capacity indicated:
 1. 310 gpm w/ slope of 1/4" per foot

2. 215 gpm w/ slope of 1/8" per foot
 - d. Verification from a closed circuit television inspection that clear water is being discharged into the sewer main from the sewer lateral.
 - e. Evidence that a basement sewer sump pump is utilized on the property being served.
3. All pressure laterals shall be pressure tested at 1.5 times the operating pressure and no more than a 1% pressure loss shall be detected within a 10 minute test

Specified Pressure Tests

When hydrostatic pressure conditions can exist outside or inside of the sewer lateral at any time, the sewer lateral shall be pressure tested by the exfiltration method by plugging the end of the sewer lateral at its point of connection to the public sewer and completely filling the sewer lateral with water from the lowest to the highest point thereof. To perform a pressure test, the sewer lateral must have a cleanout located near the building footing which is served by the sewer lateral or at the property line. If the cleanout does not exist, one must be installed by a qualified owner/builder or by a licensed contractor under a plumbing permit issued by the City Building Department as part of the test procedure. The contractor or qualified owner may perform preliminary pressure tests prior to completing the backfill operations; however, the final pressure test shall be performed after the completion of the backfill operations. A video inspection of the downstream side of the test plug must be performed during the exfiltration pressure test to confirm that the test plug has sealed.

1. The exfiltration pressure test for a gravity sewer lateral shall be performed with potable or recycled water by filling the sewer lateral to a level 3" below the lowest floor drain or fixture connection to the building drain system up to a maximum water column of 33 feet above the test plug in the lateral at the face of the main or in the lateral wye fitting at the main when a wye fitting exists. If necessary, a stand pipe shall be fitted to the top of the cleanout to achieve the required testing water level. The testing water level shall also be at least higher than the elevation of the back edge of the public sidewalk at the point above the approximate location of the sewer lateral, or the top of curb if there is no public sidewalk or the edge of pavement if there is no curb or public sidewalk. An approved backwater valve and cleanout shall be installed at the property line if there is any gravity drained plumbing fixture in the structure being served that is below the elevation of the back edge of the public sidewalk at the point above the approximate location of the sewer lateral, or the top of curb if there is no public sidewalk or the edge of pavement if there is no curb or public sidewalk. A lateral may be tested in segments subject to the approval of the inspector. When segmental pipe testing is performed, each tested pipe segment must not exceed the allowed leakage rate.
2. The sewer lateral will have passed the pressure test if the testing water level within the testing standpipe does not drop more than the indicated rate for the given diameter of testing standpipe indicated below. The allowed leakage per sewer lateral is 212.5 gpd or 8.85 gph or 0.15 gpm or 34.08 cubic inches per minute.
 - a. 3" Diameter: 5 inches per minute
 - b. 4" Diameter: 2.5 inch per minute
 - c. 6" Diameter: 1.5 inch per minute

END

Permit # _____

City of Colfax

APPLICATION FOR SEWER LATERAL TESTING PERMIT

Date: _____ Assessor's Parcel #: _____

Property Address: _____

Owner Information:

Name: _____

Mailing Address: _____ Phone: _____

Contractor Information:

Name: _____

Mailing Address: _____ Phone: _____

THIS APPLICATION IS FOR THE FOLLOWING

- Cleaning and testing is required for the protection of public health, safety and welfare
- Remodel of \$20K or Greater New connection to the sewer collection system
- Sanitary Sewer Overflow Rehabilitation/Replacement of Sewer Lateral or Sewer Main
- Change of Property Use Change of ownership of the property
- Installation of additional plumbing facilities

Type(s) of Inspection or Testing Proposed

- CCTV Inspection
- Exfiltration Testing
- Other

To the best of my knowledge the information submitted herein is true and correct.

Signature: _____ Date: _____

City Approval

By: _____ Date: _____

When approved, a permit to perform the Sewer Lateral Testing will be issued to the owner/contractor. The contractor performing the test shall schedule an inspection with the City Inspector a minimum of 48 hours prior to testing.

City of Colfax

APPLICATION FOR BUILDING SEWER LATERAL CERTIFICATE OF COMPLIANCE

Date	Assessor's Parcel Number
Property Address and Zip Code:	

Property Owner Information

Name:		Mailing Address:	
City	State	Zip	Phone:

Please Check The Appropriate Boxes:

- CCTV Video Inspection of the sewer lateral confirms that the sewer lateral is in compliance with City of Colfax Sewer Lateral Ordinance No.499. Please submit the CCTV Inspection Report with DVD.
- The sewer lateral has been replaced or repaired and the plumbing permit has received final approval and acceptance. Plumbing Permit_No: _____
- The sewer lateral is exempt from the testing and inspection requirements of City of Colfax Sewer Lateral Ordinance No.499 for the following reason:
 - The property owner has provided satisfactory evidence that the sewer lateral serving the property was repaired or replaced and passed inspection that complies with the City's Sewer Lateral Ordinance within the previous ten (10) years.

Printed Name of Applicant	Title	Date

I declare under penalty of perjury that all information submitted herein applies to the subject address and to no other lies:

Signature of Applicant	Date

For City Use Only	
Permit Number:	
Located within City Limits <input type="checkbox"/> Yes <input type="checkbox"/> No	

CITY OF COLFAX

CCTV SEWER LATERAL INSPECTION REPORT

Property, Owner, and Conditions Report

Property Address:		Assessor's Parcel No:	
Property Owner's Name:			
Property Owner's Address:		Date of CCTV Inspection:	
Lateral Depth:	Total Lateral Length: (ft)	Pipe Dia. (in)	Pipe Material:
Counter Start Time:	Counter End Time:	Total Inspection Time:	
TV Direction: <input type="checkbox"/> Downstream <input type="checkbox"/> Upstream		Shape of Lateral:	
Location Lateral Accessed:		Total Footage Televised:	
Weather Conditions:			

Contractor or Service Provider Information

Business Name:		Calif. State License No.:	
Business Address:			
Phone Number:	Name of Technician Completing Video:		
Inspection Start Time:	Inspection End Time:		

Comments Regarding Condition of Sewer Lateral

To the best of my knowledge the information submitted herein is true and correct and is pertinent to the referenced property and to no other:

Name (Printed):	Title:
Signature:	Date:

City Review of CCTV Recording:

By: _____ Date: _____