



CITY OF PORTLAND ENVIRONMENTAL SERVICES



1120 SW Fifth Avenue, Room 1000, Portland, Oregon 97204 ■ Nick Fish, Commissioner ■ Michael Jordan, Director

Sewer Video Guidelines

Each sewer video inspection submitted to the City for review must include a link to the video inspection, a written report, photographs of the painted location of the sewer on the ground surface, and a map/diagram showing the location of the sewer line in a downloadable format emailed to nonconforming@portlandoregon.gov with the property address included in the subject line.

The recorded sewer video inspection must meet the following guidelines:

Identification - All video inspections shall clearly identify the site address, date of inspection and the video contractor's contact information. Visual verification of site/surroundings is required before initiating the inspection. Inspections starting and ending in a pipe only may be rejected.

Prior to Beginning the Inspection - Please clearly identify/describe the point of entry and location using cardinal directions (i.e. "Southeast corner of the basement")

Introduction of Water into the System - Prior to initiating the video inspection, water shall be introduced into the building sewer. The water flow shall be stopped prior to reversing from the main to the point of entry.

Length of Inspection - The video inspection shall record the entire distance from the building served to the City main and reverse back to the point of origin unless there is a break in line that prohibits this.

Image Quality - The image of the video inspection shall be clear, unobstructed, and fully illuminated for the entire length of the sewer. Videos which move too quickly may be rejected.

Voice Narration - A clear and precise voice narration is required. The narrator shall identify all observations during inspection including location, transitions, wye connections, physical defects, pooling, root intrusions and other obstructions.

Footage Counter - A footage counter is required to be displayed for the entire length of the sewer video inspection.

Locate Markings – Surface markings are required where the sewer exits the structure, crosses utilities, property lines and the curb, as well as observed wye connections, defects and the connection point to the city main.

Suspected Party Connection – If a suspected party connection is observed, run water from the suspected connected property to confirm the connection to the private system.

Locate Photo Guidelines:

Provide photos of the locate markings where the sewer line exits the structure, crosses utilities, property lines and the curb, as well as observed wye connections, defects and the connection point to the city main. Please include clear reference points in the background so that the location of the photo is understood by the reviewer.

Map Guidelines:

The map needs to include sewer distance from structures, water meter, fences, property lines, etc. Please indicate the points and depths where the sewer line exits the structure, crosses utilities, property lines, observed wye connections, the curb, defects, as well as the connection point to the city main. The map needs to make a clear indication of which property the connection to the main is fronting.

**Please note that for BES project outreach, a proposed branch location map may have been mailed to the owner to review and approve or edit, as well. If the property owner has received a branch location map, please be sure to review the proposed location and assist the property owner with determining whether the proposed location and depth is suitable, or whether edits should be made. For questions regarding branch location maps, please contact Tina Wilson at 503-823-7790.



The Bureau of Environmental Services is committed to providing meaningful access. To request translation, interpretation, modifications, accommodations, or other auxiliary aids, please contact the Nonconforming Sewer Department at 503-823-7869 or Oregon Relay Service 711.

Traducción o interpretación | Chiakun mak me chiakun fos | Chuyển Ngữ hoặc Phiên Dịch | 翻译或传译 | 翻訳または通訳
Письменный или устный перевод | Traducere sau Interpretare | Письмовий або усний переклад | Turjumida ama Fasiraadda
الترجمة التحريرية أو الشفهية | ການແປພາສາ ຫຼື ການອະທິບາຍ | अनुवाद तथा दोभाषे सेवा

Nonconforming Sewer Department, 503-823-7869