

**Collection System Operation and Maintenance Training Videos**  
**Office of Water Programs**  
**California State University, Sacramento**  
(0.6 Continuing Education Units)

**COURSE DESCRIPTION**

This video course is designed to train operators in the practical aspects of operating and maintaining wastewater collection systems, emphasizing safe practices and procedures. Information is presented on the importance and responsibilities of a collection system operator and the need for collection system O & M. Operators learn safety procedures for inspection and testing of sewers, inspection of manholes, and underground repair. Detailed instructions are included for using closed-circuit television, clearing stoppages, cleaning sewers, and controlling roots, grease, odors, and corrosion in collection systems. Operators learn to operate and maintain lift stations and a variety of types of motors, supervisory controls, pumps, valves, and other equipment. This course focuses on the knowledge and skills operators need to identify actual collection system problems and select appropriate methods to solve them. This video course was developed to complement the current two-volume set of operation and maintenance training manuals.

**COURSE OUTLINE**

The course uses *Collection System Operation and Maintenance Training Videos* training video series.

**Video 1** – Guardians of Health – importance of operators, inspection, and testing

**Video 2** – TV Stars – closed-circuit television inspection

**Video 3** – Pipe Detectives – pipeline cleaning and maintenance methods

**Video 4** – Way Makers – pipeline cleaning and chemical control

**Video 5** – Flow Movers – operation of wastewater lift stations

**Video 6** – Motor Specialists – maintenance of wastewater lift stations

## TIME ASSIGNMENT

**Video:** The course uses the *Collection System Operation and Maintenance Training Videos* training series, organized into six separate topic areas. There is a total of 193 minutes of video.

**Objective test questions:** The course contains 147 objective test questions. Projected average response time is one minute per question.

Component	Minutes per Component Unit	Number of Component Units	Time to Complete Units
Video	1	193	193
Objective test questions	1	147	147
<b>Total (minutes)</b>			<b>340</b>
<b>Total (hours)</b>			<b>6</b>