

EQUIPMENT NEEDS ASSESSMENT APPLICATION
Fall 2015

Name of Person Submitting Request:	Robert Jenkins
Program or Service Area:	Maintenance and Operations
Division:	Administrative Services
Date of Last Program Efficacy:	November 2014
What rating was given?	Continuation
Equipment Requested	Sewer camera system
Amount Requested:	\$11,000
Strategic Initiatives Addressed: (See Appendix A: http://tinyurl.com/15oqoxm)	6.1 – Conserve resources (reduce budget impact and improve service by completing more of this work in-house.

NOTE: To facilitate ranking by the committee, submit separate requests for each item; however, multiple items can be submitted as one request if it is required that the equipment is packaged together.

Replacement Additional

1. Provide a rationale for your request.

San Bernardino Valley College is responsible for approx. 1.5 miles of sewer line on our campus. As such, municipalities and other public entities, such as SBVC, that own and operate a sewage collection systems within the Santa Ana Regional Board jurisdiction (our region) are regulated under the Statewide General Waste Discharge Requirements (WDR) for Sanitary Sewer System (Order No. 2006-0003-DWQ1; General Order). The General Order prohibits the discharge of untreated or partially treated wastewater to the waters of the United States.

The General Order also requires the development and implementation of sanitary sewer management plans (SSMPs) that contain requirements for **operation and maintenance** of collection systems and for reporting and mitigating sanitary sewer overflows (SSOs).

Proper collection system operation and maintenance includes the periodic or continuing process to identify problems including **proactive identification** and elimination of inflow and infiltration and structural vulnerabilities to prevent or minimize SSOs during rain events.

The college has experienced two untreated sewer overflows into the city storm water drainage system within the last year. We are obligated to take all necessary steps to mitigate future overflows. The purchase of a camera system provides the college with the necessary tool to locate blockages and determine the condition of the lines in order to properly maintain the sewage collection system on campus. Currently we have to rely on the City of San Bernardino or a contracted plumbing vendor to make these determinations.

2. Indicate how the content of the latest Program Efficacy Report and current EMP data support this request. How is the request tied to program planning? (*Reference the page number(s) where the information can be found on Program Efficacy.*)

Pg. 8 of the Program Efficacy Report, Spring 2015 states “The District has contracted with companies and other outside vendors to make up the difference with respect to certain trades.

The District has contracted with a plumbing company for various plumbing needs.... The “down” side to contracting these services is the delay in response. The District is still at the mercy of the vendor’s schedule, even under the best circumstances. Regulatory compliance has so grown in scope, complexity and reach that the District was required to hire someone full-time (at the District) to insure we stay in compliance with the myriad of rules and regulations which are present today. Regular inspections of elevators, wheel chair lifts, fire extinguishers, boilers (and sewer lines) are just some of the equipment requiring regular inspections.... However, the obligation of insuring that our department stays on top of all these requirements falls to us. As part of their regular duties, M&O staff are to identify and respond to reports of non-compliance when it comes to their attention. They may not necessarily have to perform the work. However they do need to make sure that, if work is needed (or an inspection is called for) it is done in a timely manner. A timeline or due date is a component of all compliance issues, along with a report back to an outside agency.”

3. Indicate if there is additional information you wish the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, planning, etc.*).

In 2006, the State Water Board adopted requirements for all public agencies that own or operate a sewer system **greater than one mile in California**. The State Water Board Order No. [2006-0003-DWQ](#), as amended per Order No. [WQ 2013-0058-EXEC](#), or Sanitary Sewer Order, prohibits any SSO (sanitary sewer overflow) that results in a discharge to waters of the United States or creates a nuisance. The Sanitary Sewer Order requires a public agency that owns or operates a sewer system to

- (1) develop and implement a sewer system management plan (SSMP)
- (2) report SSOs to the State Water Board’s online SSO database
- (3) notify the California Office of Emergency Services within two hours of becoming aware of any SSO greater than or equal to 1,000 gallons discharged to surface water or spilled in a location where it probably will be discharged to surface water
- (4) conduct an SSMP internal audit, at a minimum every two years, and prepare an audit report to be kept on file.

In addition, the Sanitary Sewer Order requires sewer system agencies to conduct water quality monitoring and submit a technical report for any SSO in which 50,000 gallons or greater is spilled to surface waters.

4. Evaluation of initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources (*for example Department, Budget, Perkins, Grants, etc.*).

Initial cost \$11,000; warranties cover equipment for one year.

5. What are the consequences of not funding this equipment?

Without a camera system that is designed to operate in sewer lines, there is no way to determine the condition of the pipes or to locate and isolate potential problems, as part of our proactive attempts to mitigate sewer overflows. We will continue to rely on the response time of either the City of San Bernardino or a commercial vendor capable of responding and resolving any sewage overflow. In addition, delays in response and all associated fines for sewage spills going into a storm drain are the sole responsibility of the owner/operator – San Bernardino Valley College.