SELMA - KINGSBURG - FOWLER
COUNTY SANITATION DISTRICT

DIRECTORS
Buddy Mendes, Chairman
Amarjeet Gill, Vice-Chair
Nathan Magsig
Jim Avalos
Laura North

STAFF
Veronica Cazares, General Manager

NOVEMBER 03, 2026

REQUEST FOR PROPOSAL

SKF 18TH AVENUE SEWER IMPROVEMENTS PROJECT
(Engineering Design & Engineering Construction Support Services)

1. INTRODUCTION

The Selma-Kingsburg-Fowler County Sanitation District (Owner) is soliciting proposals from qualified engineering consulting firms to provide engineering design, bidding documents, and construction support services for the 18th Avenue Sewer Improvements Project (Project). The Project addresses approximately 5,080 linear feet (LF) of gravity sewer mains and associated manholes.

S-K-F CSD MISSION STATEMENT

- Operate and maintain the District facilities so that local, state and federal waste discharge requirements are complied with and the public health and environment are protected.

- Provide adequate capacity to convey, treat and dispose of all wastewater so that the District can adequately serve the developing needs of its member cities and the surrounding area.

- Operate and maintain District facilities so that annual costs are reduced to the lowest possible level that will safely sustain compliance with discharge requirements.

2. BACKGROUND

The Selma-Kingsburg-Fowler County Sanitation District (District) is located in Fresno County. The District collects, treats and disposes wastewater originating from the residential, commercial, institutional and industrial dischargers from the three member cities and parts of unincorporated Fresno County. The District owns, operates and maintains the wastewater treatment plant. The sewer collection system is operated and maintained by the District. The District refurbishes and replaces each city's facilities. The member cities own the local sewer collection system, which includes sewers, lift stations, and appurtenances not owned by the

District. Each member city is responsible for expanding the facilities that it owns. The District serves an estimated population of 46,100.

3. SCOPE OF WORK

The selected firm will be responsible for the preparation of plans, specifications and engineer's cost estimates for the refurbishment or replacement of approximately 5,080 linear feet of sewer main on 18th Avenue from Stroud Avenue to Kern Street in the City of Kingsburg (City), as shown in **Appendix A** of this document.

Utilizing the District provided NASSCO PACP CCTV inspection logs, the successful proposer will deliver an alternatives analysis for recommended improvements, followed by bid ready design documents, bidding support, engineering construction support, and utility coordination for the Project.

A. General Provisions:

1. Provide necessary services to complete the Project as identified herein.
2. Provide Project schedule of major milestones for completion. Provide regular updates of the project schedule and schedule meetings accordingly.
3. Provide monthly progress reports in PDF format to the District's Project Manager.
4. Manage project execution to ensure the Project is completed within the allotted time frame.
5. Coordinate design and Project activities with the District's Project Manager.
6. Manage the Project design to ensure estimated construction costs do not exceed the Project budget.
7. Manage engineering costs to ensure they do not exceed the authorized engineering services contract amount.
8. Prepare and distribute meeting agendas prior to all meetings and provide finalized meeting minutes within a timely manner.

B. The scope of services includes, but is not limited to, the following:

1. Project Meetings:
   a. Schedule project kick-off meeting to establish protocols, confirm expectations, and coordinate data transfers.
   b. Schedule meeting at the 30% and 60% design submittal stages.
   c. Prepare for progress meetings to discuss design updates, conflicts and other issues or concerns as they arise.
   d. Progress meetings will be virtual or in-person, and as needed.
   e. Prepare meeting minutes.

2. Project Design (Sewer Main Refurbishment or Replacement)
   a. The Consultant will develop and maintain the baseline project schedule.

b. The Consultant will inspect and become familiar with site conditions and constraints, perform topographic surveys and utility research as needed, identify required permits, if any, from regulatory agencies, and any other services required to complete the Project.
c. The Consultant shall review and validate the NASSCO PACP CCTV Inspection logs (**Appendix B**). Immediately upon contract award, the District will grant the Consultant access to CCTV video files and photos for analysis.
d. 30% Design. The consultant shall prepare a 30% submittal package including a conceptual plan with recommended construction methods (e.g., CIPP lining, remove and replace, repair) for each pipeline segment based on the data, a written analysis briefly summarizing the existing conditions, proposed improvements and justification for the recommendation for each segment, and a preliminary engineer's opinion of probable construction cost (estimate).
e. 60% Design. Upon District approval of the 30% design, the Consultant shall prepare all necessary engineering drawings for construction. Plans must include, but are not limited to, all details, layouts, plan/profile, temporary bypass pumping, and other sheets as needed to complete the project. The Consultant shall prepare a project manual (Specifications) including front-end documents, special provisions, technical specifications, and appendices. The Consultant shall provide updated detailed estimate matching the plans to ensure alignment with the available project budget. The Consultant shall prepare a 60% submittal package including the plans, specifications and estimate (PS&E package) for review and approval.
f. 90% Design. The Consultant shall revise the PS&E package as necessary and submit it to the District for final pre-bid review. The plans shall also be submitted to the City of Kingsburg for review and comment. The City comments shall be reviewed with the District and incorporated as directed by the District.
g. 100% Design. Upon District acceptance of the 90% PS&E package, the Consultant shall submit final, stamped bid ready PS&E package to the District.
h. Deliverables: 30%, 60% and 90% conceptual and PS&E packages in PDF format. Deliver the final 100% PS&E package. Final deliverable must include one full size (24"x36") hard copy alongside PDF copies.

3. Bidding Support
   a. Consultant will distribute electronic copies of the bid documents and maintain bid holders list.
   b. Prepare addenda as necessary during bid period to address bidder Requests for Information (RFIs).
   c. Attend prebid meeting and prepare meeting minutes.
   d. The District is responsible for advertisement of project for bidding.

4. Engineering During Construction Services
   a. The Consultant will attend preconstruction meeting and generate meeting minutes.
   b. Attend construction meetings on site to verify general conformance to construction contract documents. (up to 10 site visits).

c. Review shop drawings and submittals.
d. Review and respond to RFI's from the Contractor.
e. Review pay requests, advise and assist with potential construction contract change orders or field directives, site visits, as needed by the District.
f. Prepare record drawings and submit to District in Autocad and pdf format. This submittal must include the topographic survey and final construction in pdf and AutoCAD format.

C. Project Duration

1. The Consultant shall complete all services under Section B.2 Project Design and deliver the final, stamped 100% bid ready PS&E package within six (6) months from the written Notice to Proceed.
2. Services under Section B.3 Bidding Support and Section B.4 Engineering During Construction Services are not bound by the six month design window. These services shall be provided dynamically to align with the District's public bidding schedule and the Construction schedule through final project acceptance.

The Consultant shall provide all engineering, coordination, investigation, and support services reasonably necessary to deliver a complete, bid ready project and support the District through construction completion.

4. TRANSFER OF RECORDS

It is the intent of the District that the work effort be conducted in a manner that maximizes the District's flexibility regarding follow-up studies or design-related efforts and other District projects. Software and software programs that would be necessary to achieve this shall be made available to the District at the end of this project. The use of proprietary software which cannot be made available to the District at the end of this project will not be allowed.

All records (project reports, meeting notes, data files, project data, original tracings, maps, field sketches, flow data, design calculations, graphic originals, electronic files, etc.) generated shall be the property of the District and shall be turned over to the District upon completion or as directed.

5. TENTATIVE SCHEDULE-SUBJECT TO CHANGE

Item	End Date
Proposals to District	December 18, 2026
Select and notify firm	December 23, 2026
Firm and District negotiate contract	By: December 30, 2026
Staff request District Board action to authorize the General Manager to execute consulting services agreement.	January Board meeting

6. PROPOSALS

A. Due Date and Format for Submission.

Proposals must be submitted to the District by 2:00 P.M., Friday, December 18, 2026. Faxed and emailed proposals will not be accepted. Proposals must be submitted in a sealed envelope clearly marked and labeled: SKF 18th Avenue Sewer Improvements

Five (5) copies and (1) unbound original, signed by an officer who is authorized to execute legally binding agreements shall be mailed or delivered to:

Selma-Kingsburg-Fowler County Sanitation District
ATTN: Denise Isaguirre, Supervising Engineer
Mailing Address: P.O. Box 158
Physical Address: 11301 E. Conejo Ave.
Kingsburg, California 93631-0158

B. Cover Letter.

A cover letter on Firm letterhead addressing the proposal should be submitted and be signed by an officer of the firm authorized to bind the Firm to all comments made in the proposal, and shall include the name, address, and phone number of the person(s) to contact who will be authorized to represent the Firm.

C. Minimum Experience Qualifications Summary.

Sufficient evidence as to the proponent's qualifications to perform the work is necessary. This may include former in-house experience and/or experience as a consultant. This information shall disclose and include pertinent facts and shall include at least a description of past performance on projects of similar type, scope, and size; project team members who worked on each project and their roles and percentage commitment of time on the project and any other pertinent information to demonstrate experience on similar assignments. In addition, please provide a statement regarding the proponent's ability to complete the work in a timely and professional manner.

D. References.

Provide a list of three references within last three years for completed sewer main replacement and refurbishment projects (CIPP, slip lining, full replacement etc.) including project completion date, duration, original project cost, project key members, role of firm, and final project cost. Include current contact person, email address, and phone number who may be contacted regarding firm performance.

E. Experience, qualifications, and availability.

Experience, qualifications, and availability of the proposed key project staff, including sub consultants, specifically related to the proposed function they would perform. Emphasis should be placed on projects by the individuals proposed where there was a team approach with a management group and project manager.

F. Conflicts of Interest.

A summary disclosing any potential conflicts of interest the firm may have from working with other clients or related issues. Note that this should not be construed as a conflict of interest in the strict legal sense, rather, any relationship with other parties that may have some interest in the performance of the Consulting Engineer.

G. Cost Proposal.

A cost proposal listing your standard professional hourly rates, a cost estimate for the scope of work outlined above, time for completion, and an estimate for reimbursable expenses (including method for charging). Please note the final scope of work and compensation will be negotiated with the selected proponent.

H. Appendix.

Appendix material may be provided but is not required. Appendix material should be limited to resumes of referenced key project personnel and previously published papers, articles, or reports relevant to the scope of work.

7. ACCEPTANCE OR REJECTION OF PROPOSALS

A. Reservation of Rights.

The District reserves the right to select the successful proposal and negotiate an agreement as to the scope of services, the schedule for performance and duration of the services with proponents whose proposals is/are most responsive to the needs of the District. Further, the District reserves the right to reject any and all proposals, or alternate proposals, or waive any informality or irregularity in the proposal as it is in the District's best interest. Additionally, the District may, for any reason, decide not to award a contract as a result of this RFP. Non-acceptance of any proposal shall not imply that the proposal was deficient. Rather, non-acceptance of any proposal will mean that another proposal was deemed to be more advantageous to the District or that the District decided not to award a contract as a result of this RFP.

B. Proposal Development Costs.

The cost of preparing and submitting a proposal is the sole responsibility of the proponent and shall not be chargeable in any manner to the District.

8. GENERAL TERMS AND CONDITIONS

A. Licensing Requirements.

Any professional certifications or licenses that may be required will be the sole cost and responsibility of the successful proponent.

B. Insurance Requirements.

Proponent, at proponent's sole cost and expense and for the full term of the resultant agreement or any extension, shall obtain and maintain at least all of the insurance required by the District for consultants.

C. Agreement.

The District will require execution of an agreement in substantial conformance with the attached Sample Agreement.

9. EVALUATION

The information requested in the preceding section is intended to allow the selection committee to decide as to the suitability and qualifications of the proposing firm. Contingent on District Board approval, Consultant may be solicited for consulting services. The ability to provide such consulting services will be part of the evaluation process. The following criteria will be used in evaluating the written proposal:

- Experience and qualifications of the proposed project manager – previous project management experience. (Weight: 10%)
- Experience and qualifications of key project staff – previous experience and qualifications related to the proposed function they would perform. (Weight: 15%)
- Performance on other sewer main projects, particularly quality of work; budget control; cooperation with Owner, project manager, and user groups; responsiveness. (Weight: 15%)
- Production capabilities – adequacy of the facilities and sufficiency of technical and support staff. (Weight: 10%)
- General impressions of firm's ability to successfully work with the District staff and complete the work; (Weight: 10%)
- Clarity and organization of the submittal. (Weight: 10%)
- Approach to work and project understanding. (Weight: 20%)
- References. (Weight: 5%)
- Costs. (Weight: 5%)

10. CONTACT INFORMATION.

Any questions regarding this project should be directed in writing only to Denise Isaguirre, disaguirre@skfcsd.org.

Cc: Jimmy Floyd, Richard Westerling, SKF

Enclosures:
Sample Form Consulting Services Agreement
Appendix A: Project Location Map
Appendix B: CCTV Inspection Logs

CONSULTING SERVICES AGREEMENT BETWEEN SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT AND _____

This Consulting Services Agreement ("Agreement") is made and entered into effective on (Insert Date), by and between the Selma-Kingsburg-Fowler County Sanitation District (hereinafter referred to as "DISTRICT") and (Insert Firm Name), a California corporation (hereinafter referred to as "CONSULTANT").

RECITALS

A. DISTRICT operates and maintains a sewerage system serving residential, commercial, and industrial customers.

B. The sewerage system consists of local collection sewers, interceptors, lift stations, wastewater treatment and disposal facilities that collect, convey, treat, and dispose of sanitary wastewater.

C. The sewerage system infrastructure requires periodic engineering review of the facilities for functionality, replacement, and improvements or expanded capacity.

D. The DISTRICT's facilities are identified as either the "collection system" or the "treatment and disposal system."

E. The DISTRICT issued a Request for Proposals (RFP) for the (Insert Project Name) in 202_, and as a result entered a consulting services agreement with CONSULTANT for (Insert Duration of Agreement).

F. CONSULTANT is a duly licensed and qualified engineering firm comprised of principals and employees who are experienced in matters connected with this Agreement, has submitted a proposal in response to the RFP, and hereby represents that it is professionally capable of performing the services called for in this Agreement.

G. The DISTRICT desires to have CONSULTANT perform services described in the above-referenced RFP and CONSULTANT desires to perform those services.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing and the terms and conditions hereinafter contained to be kept and performed by the respective parties, it is mutually agreed as follows:

1. Scope of Services. CONSULTANT shall perform to the satisfaction of DISTRICT the services described in **Exhibit A**, including all work incidental to, or necessary to perform such services even though not specifically described in **Exhibit A**. _____ shall be the primary person assigned to provide the services described in **Exhibit A**. In the event _____ is unable to perform the Services, CONSULTANT shall immediately notify

District Engineer of the DISTRICT. In such event, DISTRICT shall have sole discretion to terminate the Agreement under Section 4 of this Agreement.

2. Term of Agreement and Time for Performance. The term of this Agreement shall commence on _____, 202_ and expire on _____, 202_.

3. Compensation.

District shall pay for services performed satisfactorily under this Agreement pursuant to the amounts and schedules set forth in **Exhibit B** which is incorporated herein by reference.

Detailed statements shall be rendered monthly for services performed in the preceding month and will be payable in the normal course of DISTRICT business.

The parties may modify this Agreement to increase or decrease the scope of services or provide for the rendition of services not required by this Agreement, which modification may include an adjustment to CONSULTANT'S compensation. Any change in the Scope of Services must be made by written amendment to the Agreement approved by the DISTRICT Board of Directors and signed by an authorized representative for each party. CONSULTANT shall not be entitled to any additional compensation if services are performed prior to a signed written agreement.

4. Termination.

Termination for Convenience. Either party may terminate this Agreement at any time by giving notice of such termination (including the effective termination date) at least thirty (30) calendar days before the effective date of such termination.

Termination for Cause. If for any cause either party fails to fulfill in a timely and proper manner its obligations under this Agreement (the "breaching party"), the other party (the "terminating party") shall have the right to terminate the Agreement by giving not less than five (5) working days' written notice to the breaching party of the intent to terminate and specifying the effective date thereof. The terminating party shall, however, provide the breaching party with a detailed statement of the grounds for termination. This statement shall include, as appropriate, references to specific provisions of this Agreement, dates, dollar amounts and other information relevant to the decision to terminate for cause.

In the event of termination, all finished or unfinished documents, reports, or other materials prepared by CONSULTANT under this Agreement shall become DISTRICT's property. CONSULTANT shall be entitled to receive compensation for satisfactory work completed prior to the effective date of termination.

This Agreement shall terminate without any liability of DISTRICT to CONSULTANT upon: (i) CONSULTANT's filing for protection under the federal bankruptcy laws, or any bankruptcy petition or petition for receiver commenced by a third party against CONSULTANT; or (ii) DISTRICT's non-appropriation of funds sufficient to meet its obligations hereunder during any DISTRICT fiscal year of this Agreement.

Immediately upon any termination of this Agreement, CONSULTANT shall: (i) immediately stop all work hereunder; (ii) immediately cause any and all of its subcontractors to cease work; and (iii) return to DISTRICT any and all unearned payments and all properties and materials in the possession of CONSULTANT that are owned by DISTRICT. Subject to the terms of this Agreement, CONSULTANT shall be paid compensation for services satisfactorily performed prior to the effective date of termination. CONSULTANT shall not be paid for any work or services performed or costs incurred which reasonably could have been avoided.

Upon any termination of the Agreement, DISTRICT may (i) exercise any right, remedy (in contract, law or equity), or privilege which may be available to it under applicable laws of the State of California or any other applicable law; (ii) proceed by appropriate court action to enforce the terms of the Agreement; and/or (iii) recover all direct damages for the breach of the Agreement (but not indirect, consequential or incidental damages). If it is determined that DISTRICT improperly terminated this Agreement for default, such termination shall be deemed a termination for convenience.

CONSULTANT shall provide DISTRICT with adequate written assurances of future performance, upon General Manager's request, in the event CONSULTANT fails to comply with any terms or conditions of this Agreement.

CONSULTANT shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of CONSULTANT and without its fault or negligence such as acts of God or the public enemy, acts of DISTRICT in its contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. CONSULTANT shall notify DISTRICT in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth in full the particulars in connection herewith, and shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to DISTRICT of the cessation of such occurrence.

Records, Confidential Information, Ownership of Documents and Copyright License. Records of CONSULTANT'S expenses pertaining to Scope of Work shall be kept on a generally recognizable accounting basis and shall be available to DISTRICT or its authorized representatives upon request during regular business hours throughout the life of this Agreement and for a period of three years after final payment or, if longer, for any period required by law. In addition, all books, documents, papers, and records of CONSULTANT pertaining to the services rendered shall be available for the purpose of making audits, examinations, excerpts, and transcriptions for the same period of time.

Any reports, information, or other data prepared or assembled by CONSULTANT pursuant to this Agreement shall not be made available to any individual or organization by CONSULTANT without the prior written approval of the General Manager. During the term of this Agreement, and thereafter, CONSULTANT shall not, without the prior written consent of DISTRICT, disclose to anyone any Confidential Information. The term Confidential Information for the purposes of this Agreement shall include all proprietary and confidential information of DISTRICT, including but not limited to business plans, marketing plans, financial information, materials, compilations, documents, instruments, models, source or object codes and other

information disclosed or submitted, orally, in writing, or by any other medium or media. All Confidential Information shall be and remain confidential and proprietary to DISTRICT.

Any and all writings and documents prepared or provided by CONSULTANT pursuant to this Agreement are the property of DISTRICT at the time of preparation and shall be turned over to DISTRICT upon expiration or termination of the Agreement. CONSULTANT shall not permit the reproduction or use thereof by any other person except as otherwise expressly provided herein.

This Section 5 shall survive expiration or termination of this Agreement.

Professional Skill. CONSULTANT shall provide evidence to DISTRICT that it is licensed to perform the services under this Agreement or that no license is required. If CONSULTANT should subcontract any portion of this work, CONSULTANT shall require that each contractor be licensed to perform the services called for in this Agreement or shall confirm that no license is required before beginning work.

It is further mutually understood and agreed by and between the parties hereto that inasmuch as CONSULTANT represents to DISTRICT that CONSULTANT is skilled in the profession and shall perform in accordance with the standards of said profession necessary to perform the services agreed to be done by it under this Agreement, DISTRICT relies upon the skill of CONSULTANT to do and perform such services in a skillful manner and CONSULTANT agrees to thus perform the services. Therefore, any acceptance of such services by DISTRICT shall not operate as a release of CONSULTANT from said professional standards.

7. Responsibility of District. The DISTRICT shall:

a. Provide full information as to requirement for work performed under this Agreement.

b. Assist CONSULTANT by placing at its disposal available information pertinent to the work performed including previous reports and other data, all of which CONSULTANT may rely upon in performing the services agreed upon.

c. Obtain permission for access to and make all provisions for CONSULTANT to enter upon, public and private property as required for CONSULTANT to perform services under this Agreement.

8. Independent Contractor Status. For the purposes of this Agreement, "CONSULTANT" shall be deemed to include not only CONSULTANT, but also any agent or employee of CONSULTANT. CONSULTANT acknowledges and agrees that at all times, CONSULTANT or any agent or employee of CONSULTANT shall be deemed at all times to be an independent contractor and is wholly responsible for the manner in which it performs the services and work requested by DISTRICT under this Agreement. CONSULTANT, its agents, and employees will not represent or hold themselves out to be employees of the DISTRICT at any time. CONSULTANT or any agent or employee of CONSULTANT shall not have employee

status with DISTRICT, not be entitled to participate in any plans, arrangements, or distributions by DISTRICT pertaining to or in connection with any CalPERS retirement, health or other benefits that DISTRICT may offer its employees. CONSULTANT or any agent or employee of CONSULTANT is liable for the acts and omissions of itself, its employees, and its agents. CONSULTANT shall be responsible for all obligations and payments, whether imposed by federal, state, or local laws, including, but not limited to, FICA, income tax withholdings, unemployment compensation, insurance, and other similar responsibilities related to CONSULTANT's performing services and work, or any agent or employee of CONSULTANT providing same. Nothing in this Agreement shall be construed as creating an employment or agency relationship between DISTRICT and CONSULTANT or any agent or employee of CONSULTANT. Any terms in this Agreement referring to direction from DISTRICT shall be construed as providing for direction as to policy and the result of CONSULTANT's work only, and not as to the means by which such a result is obtained. DISTRICT does not retain the right to control the means or the method by which CONSULTANT performs work under this Agreement.

9. Indemnification.

To the furthest extent allowed by law, CONSULTANT shall indemnify, hold harmless, and defend DISTRICT and each of its officers, officials, employees, agents, and volunteers from any and all loss, liability, fines, penalties, forfeitures, costs, and damages (whether in contract, tort, or strict liability, including but not limited to personal injury, death at any time, and property damage), and from any and all claims, demands, and actions in law or equity (including reasonable attorney's fees and litigation expense) that arise out of, pertain to, or related to the negligence, recklessness, or willful misconduct of CONSULTANT, its principals, officers, employees, agents, or volunteers in the performance of this Agreement.

If CONSULTANT should subcontract all or any portion of the services to be performed under this Agreement, CONSULTANT shall require each subcontractor to indemnify, hold harmless, and defend DISTRICT and each of its officers, officials, employees, agents, and volunteers in accordance with the terms of the preceding paragraph.

This section shall survive termination or expiration of this Agreement.

Insurance.Throughout the life of this Agreement, CONSULTANT shall pay for and maintain in full force and effect all insurance as required in Exhibit C or as may be authorized, and any additional insurance as may be required, in writing by General Manager or his/her designee at any time and in his/her sole discretion.

If at any time during the life of the Agreement or any extension, CONSULTANT or any of its subcontractors fail to maintain any required insurance in full force and effect, all services and work under this Agreement shall be discontinued immediately, and all payments due or that become due to CONSULTANT shall be withheld until notice is received by DISTRICT that the required insurance has been restored to full force and effect and that the premiums therefore have been paid for a period satisfactory to DISTRICT. Any failure to maintain the required insurance shall be sufficient cause for DISTRICT to terminate this Agreement. No action taken by DISTRICT pursuant to this section shall in any way relieve CONSULTANT of its responsibilities under this Agreement. This phrase "fail to maintain any required insurance" shall

include, without limitation, notification received by DISTRICT that an insurer has commenced proceedings, or has had proceedings commenced against it, indicating that the insurer is insolvent.

The fact that insurance is obtained by CONSULTANT shall not be deemed to release or diminish the liability of CONSULTANT, including, without limitation, liability under the indemnity provisions of this Agreement. The duty to indemnify DISTRICT shall apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as a limitation upon the amount of indemnification to be provided by CONSULTANT. Approval or purchase of any insurance contracts or policies shall in no way relieve from liability nor limit the liability of CONSULTANT, its principals, officers, agents, employees, persons under the supervision of CONSULTANT, vendors, suppliers, invitees, CONSULTANTs, sub-CONSULTANTs, subcontractors, or anyone employed directly or indirectly by any of them.

Upon request of DISTRICT, CONSULTANT shall immediately furnish DISTRICT with a complete copy of any insurance policy required under this Agreement, including all endorsements, with said copy certified by the underwriter to be a true and correct copy of the original policy. This requirement shall survive expiration or termination of this Agreement.

If CONSULTANT should subcontract all or any portion of the services to be performed under this Agreement, CONSULTANT shall require each subcontractor to provide insurance protection in favor of DISTRICT and each of its officers, officials, employees, agents and volunteers in accordance with the terms of this section, except that any required certificates and applicable endorsements shall be on file with CONSULTANT and DISTRICT prior to the commencement of any services by the subcontractor.

Conflict of Interest and Non-Solicitation. CONSULTANT shall comply, and require its subcontractors to comply, with all applicable: (i) professional canons and requirements governing avoidance of impermissible DISTRICT conflicts; and (ii) federal, state, and local conflict of interest laws and regulations including, without limitation, California Government Code Section 1090 *et. seq.*, the California Political Reform Act (California Government Code Section 87100 *et. seq.*) and the regulations of the Fair Political Practices Commission concerning disclosure and disqualification (2 California Code of Regulations Section 18700 *et. seq.*).

CONSULTANT shall take, and require its subcontractors to take, reasonable steps to avoid any appearance of a conflict of interest. Upon discovery of any facts giving rise to the appearance of a conflict of interest, CONSULTANT shall immediately notify DISTRICT of these facts in writing.

In performing the work or services to be provided hereunder, CONSULTANT shall not employ or retain the services of any person while such person either is employed by DISTRICT or is a member of the DISTRICT Board of Directors or a DISTRICT Committee, or similar DISTRICT body.

CONSULTANT represents and warrants that it has not paid or agreed to pay any compensation, contingent or otherwise, direct or indirect, to solicit or procure this Agreement or any rights/benefit hereunder.

Neither CONSULTANT, nor any of CONSULTANT'S subcontractors performing any services on this Project shall bid for, assist anyone in the preparation of a bid for, or perform any services pursuant to, any other contract in connection with this Project. CONSULTANT and any of its subcontractors shall have no interest, direct or indirect, in any other contract with a third party in connection with this Project unless such interest is in accordance with all applicable law and fully disclosed to and approved by the General Manager, in advance and in writing. Notwithstanding any approval given by the General Manager under this provision, CONSULTANT shall remain responsible for complying with Section 10(a) above.

If CONSULTANT should subcontract all or any portion of the work to be performed or services to be provided under this Agreement, CONSULTANT shall include the provisions of this Section 10 in each subcontract and require its subcontractors to comply therewith.

This Section 10 shall survive expiration or termination of this Agreement.

12. Compliance with Laws. In providing services under this Agreement, CONSULTANT shall at all times comply with all DISTRICT, state, and federal laws and with all applicable regulations promulgated by federal, state, regional, or local administrative and regulatory agencies now in force or as enacted, issued, or amended during the term of this AGREEMENT.

Nondiscrimination.To the extent required by controlling federal, state, and local law, CONSULTANT shall not employ discriminatory practices in the provision of services, employment of personnel, or in any other respect on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran, veteran of the Vietnam era or other protected class under state or federal law. Subject to the foregoing and during the performance of this Agreement, CONSULTANT agrees as follows:

CONSULTANT will comply with all applicable laws and regulations providing that no person shall, on the grounds of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era, be excluded from participation in, be denied benefits of, or be subject to discrimination under any program or activity made possible by or resulting from this Agreement.

CONSULTANT will not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran, veteran of the Vietnam era, or other protected class under state or federal law. CONSULTANT will ensure that applicants are employed, and the employees are treated during employment, without regard to their race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran, veteran of the Vietnam era, or protected class under state or federal law. Such requirement shall apply to CONSULTANT'S employment practices including, but not limited to, the following: employment, upgrading, demotion or transfer; recruitment or

recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. CONSULTANT agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provision of this nondiscrimination clause.

Independent Contractor. In the furnishing of the services provided for herein, CONSULTANT is acting solely as an independent contractor. Neither CONSULTANT, nor any of its officers, agents, or employees shall be deemed an officer, agent, employee, joint venture, partner, or associate of DISTRICT for any purpose. DISTRICT shall have no right to control or supervise or direct the manner or method by which CONSULTANT shall perform its work and functions. However, DISTRICT shall retain the right to administer this Agreement so as to verify that CONSULTANT is performing its obligations in accordance with the terms and conditions thereof.

This Agreement does not evidence a partnership or joint venture between CONSULTANT and DISTRICT. CONSULTANT shall have no authority to bind DISTRICT absent DISTRICT'S express written consent. Except to the extent otherwise provided in this Agreement, CONSULTANT shall bear its own costs and expenses in pursuit thereof.

Because of its status as an independent contractor, CONSULTANT and its officers, agents, and employees shall have absolutely no right to employment rights and benefits available to DISTRICT employees. CONSULTANT shall be solely liable and responsible for all payroll and tax withholding and for providing to, or on behalf of, its employees all employee benefits including, without limitation, health, welfare, and retirement benefits. In addition, together with its other obligations under this Agreement, CONSULTANT shall be solely responsible, indemnify, defend, and save DISTRICT harmless from all matters relating to employment and tax withholding for and payment of CONSULTANT'S employees, including, without limitation, (i) compliance with Social Security and unemployment insurance withholding, payment of workers compensation benefits, and all other laws and regulations governing matters of employee withholding, taxes and payment; and (ii) any claim of right or interest in DISTRICT employment benefits, entitlements, programs and/or funds offered employees of DISTRICT whether arising by reason of any common law, de facto, leased, or co-employee rights or other theory. It is acknowledged that during the term of this Agreement, CONSULTANT may be providing services to others unrelated to DISTRICT or to this Agreement.

Notices. Any notice required or intended to be given to either party under the terms of this Agreement shall be in writing and shall be deemed to be duly given if delivered personally, transmitted by email or facsimile followed by email confirmation of receipt, or sent by United States registered or certified mail, with postage prepaid, return receipt requested, addressed to the party which notice is to be given at the party's address set forth on the signature page of this Agreement or at such other address as the parties may from time to time designate by written notice. Notices served by United States mail in the manner above described shall be deemed sufficiently served or given at the time of mailing thereof.

All notices expressly required of DISTRICT under this Agreement shall be effective only if signed by the General Manager or his/her designee.

Assignment.This agreement is personal to CONSULTANT and there shall be no assignment by CONSULTANT of its rights of obligations under this Agreement without the prior written approval of the DISTRICT Board of Directors. Any attempted assignment by CONSULTANT, its successors or assigns, shall be null and void unless approved in writing by the DISTRICT.

CONSULTANT hereby agrees not to assign the payment of any monies due CONSULTANT from DISTRICT under the terms of this Agreement to any other individual(s), corporation(s), or District(s). DISTRICT retains the right to pay any and all monies due CONSULTANT directly to CONSULTANT.

17. Waiver. The waiver by either party of a breach by the other of any provision of this Agreement shall not constitute a continuing waiver or a waiver of any subsequent breach of either the same or a different provision of this Agreement. No provisions of this Agreement may be waived unless in writing and signed by all parties to this Agreement. Waiver of any one provision herein shall not be deemed to be a waiver of any other provision herein.

18. Governing Law and Venue. This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of California, excluding, however, any conflict of laws rule which would apply the law of another jurisdiction. Venue for purposes of the filing of any action regarding enforcement or interpretation of this Agreement and any rights and duties hereunder shall be Fresno County, California.

19. Headings. The section headings in this Agreement are for convenience and reference only and shall not be construed or held in any way to explain, modify, or add to the interpretation or meaning of the provisions of this Agreement.

20. Severability. The provisions of this Agreement are severable. The invalidity or unenforceability of any one provision in this Agreement shall not affect the other provisions.

21. Interpretation. The parties acknowledge that this Agreement in its final form is the result of the combined efforts of the parties and that, should any provision of this Agreement be found to be ambiguous in any way, such ambiguity shall not be resolved by construing this Agreement in favor of or against either party, but rather by construing the terms in accordance with their generally accepted meaning.

22. Attorneys' Fees. If either party is required to commence any proceeding or legal action to enforce or interpret any term, covenant, or condition of this Agreement, the prevailing party in such proceeding or action shall be entitled to recover from the other party its reasonable attorneys' fees and legal expenses.

23. Exhibits. Each exhibit and attachment referenced in this Agreement is, by the reference, incorporated into and made a part of this Agreement.

24. Precedence of Documents. In the event of any conflict between the body of this Agreement and any Exhibit or Attachment hereto, the terms and conditions of the body of this Agreement shall control and take precedence over the terms and conditions expressed within the Exhibit or Attachment. Furthermore, any terms or conditions contained within any Exhibit or

Attachment hereto which purport to modify the allocation of risk between the parties, provided for within the body of this Agreement, shall be null and void.

25. Cumulative Remedies. No remedy or election hereunder shall be deemed exclusive but shall, wherever possible, be cumulative with all other remedies at law or in equity.

26. No Third Party Beneficiaries. The rights, interests, duties and obligations defined within this Agreement are intended for the specific parties hereto as identified in the preamble of this Agreement. Notwithstanding anything stated to the contrary n this Agreement, it is not intended that any rights or interests in this Agreement benefit or flow to the interest of any third parties.

27. Extent of Agreement. Each party acknowledges that they have read and fully understand the contents of this Agreement. This Agreement represents the entire and integrated agreement between the parties with respect to the subject matter hereof and supersedes all prior negotiations, representations, or agreements, either written or oral. This Agreement may be modified only by written instrument duly authorized and executed by both DISTRICT and CONSULTANT.

SIGNATURES ON FOLLOWING PAGE

IN WITNESS WHEREOF, the parties have executed this Consulting Services Agreement as follows:

SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT

By: _____
Veronica Cazares
General Manager

Date: _____

NAME

By: _____

_____
Title

Date: _____

Any Applicable Professional License:
Number: _____

Name: _____

Date of Issue: _____

Attachments:

Exhibit A – Scope of Services
Exhibit B – Compensation
Exhibit C – Insurance Requirements

EXHIBIT A—SCOPE OF SERVICES

(Attached)

EXHIBIT B—COMPENSATION SCHEDULE

(Attached)

COMPENSATION

EXHIBIT C—INSURANCE REQUIREMENTS

(Attached)

Insurance Requirements for Professional Services

Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

MINIMUM SCOPE AND LIMIT OF INSURANCE

Coverage shall be at least as broad as:

1. **Commercial General Liability** (CGL): Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than **$1,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Consultant has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than **$1,000,000** per accident for bodily injury and property damage.
3. **Workers' Compensation** insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than **$1,000,000** per accident for bodily injury or disease.

   (Not required if consultant provides written verification it has no employees)

1. **Professional Liability** (Errors and Omissions) Insurance appropriates to the Consultant's profession, with limit no less than **$2,000,000** per occurrence or claim, **$2,000,000** aggregate.

If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, the Entity requires and shall be entitled to the broader coverage and/or the higher limits maintained by the contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Entity.

Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

Additional Insured Status

The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or **both** CG 20 10, CG 20 26, CG 20 33, or CG 20 38; **and** CG 20 37 forms if later revisions used).

Primary Coverage
For any claims related to this contract, the **Consultant's insurance coverage shall be primary** insurance primary coverage at least as broad as ISO CG 20 01 04 13 as respects the Entity, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the Entity, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

Notice of Cancellation
Each insurance policy required above shall state that **coverage shall not be canceled, except with notice to the Entity**.

Waiver of Subrogation
Consultant hereby grants to Entity a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Entity by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Entity has received a waiver of subrogation endorsement from the insurer.

Self-Insured Retentions
Self-insured retentions must be declared to and approved by the Entity. The Entity may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or Entity.

Acceptability of Insurers
Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the Entity.

Claims Made Policies
If any of the required policies provide coverage on a claims-made basis:

1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
2. Insurance must be maintained and evidence of insurance must be provided ***for at least five (5) years after completion of the contract of work.***
3. If coverage is canceled or non-renewed, and not ***replaced with another claims-made policy form with a Retroactive Date*** prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of ***five (5)*** years after completion of contract work.

Verification of Coverage
Consultant shall furnish the Entity with original Certificates of Insurance including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause) and a copy of the Declarations and Endorsement Page of the CGL policy listing all policy endorsements to Entity before work begins. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The Entity reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

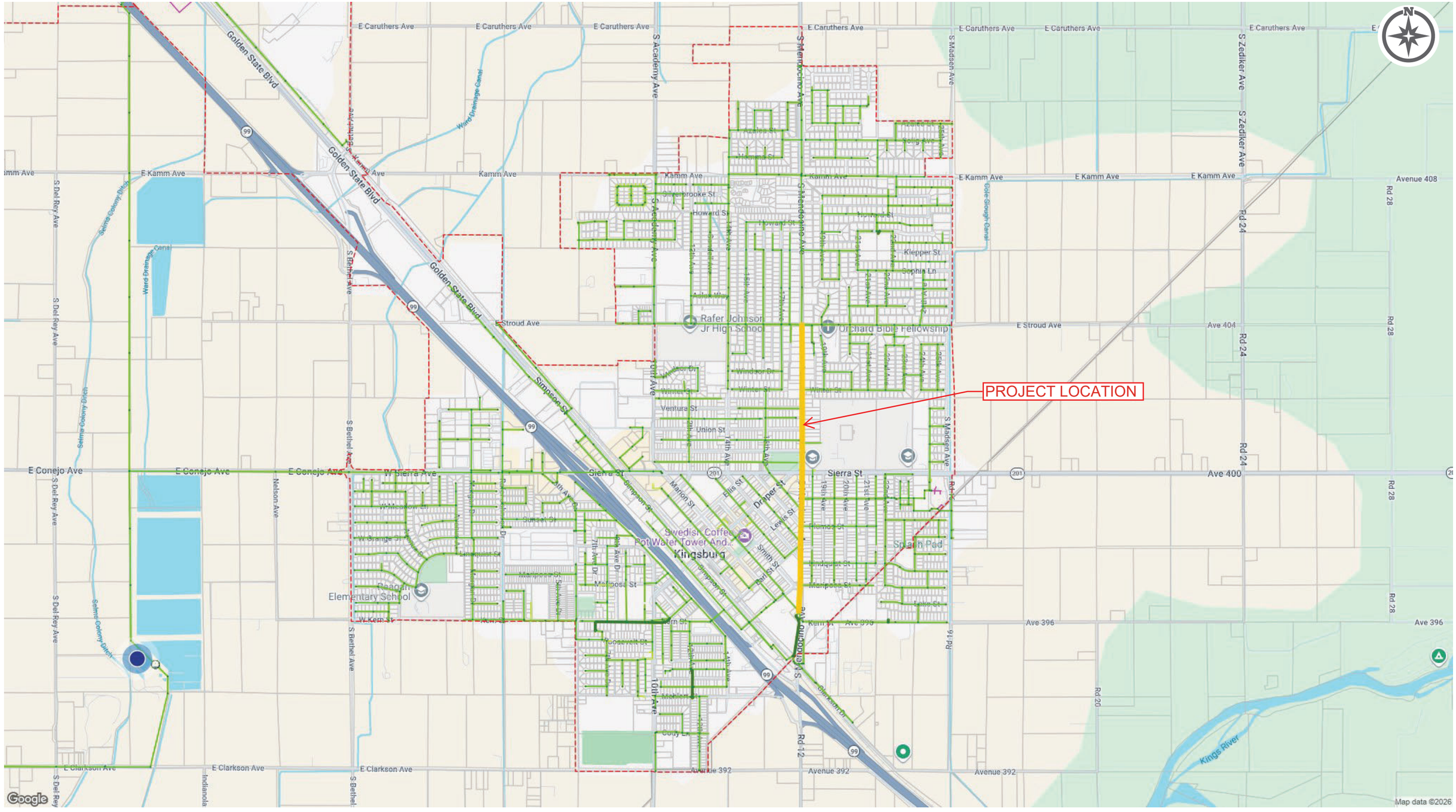
Subcontractors
Consultant shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that Entity is an additional insured on insurance required from subcontractors.

Special Risks or Circumstances
Entity reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

APPENDIX A

PROJECT LOCATION MAP

SKF 18th Avenue Sewer Improvements - Project Location Map



The maps and data within this site are provided as a resource for general information only. The data herein is not guaranteed and should be verified before use.

APPENDIX B

CCTV INSPECTION LOGS

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-1300-7EO0-1200
Upstream MH:	7EO0-1300
Downstream MH:	7EO0-1200

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	15 in (Circular)
Material:	Polyvinyl Chloride
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	556.8 ft

Location

Address:	18TH, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	

Project

Project:	
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

Media Date/Time:	23 • Sep • 2026 06:13
Surveyed By:	MICHAEL GARCIA (P0052308-012025)
Reviewed By:	
Camera Direction:	Upstream
Purpose:	
Technology:	
Pre-Cleaning:	No Pre-Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	556.8 ft
Weather:	

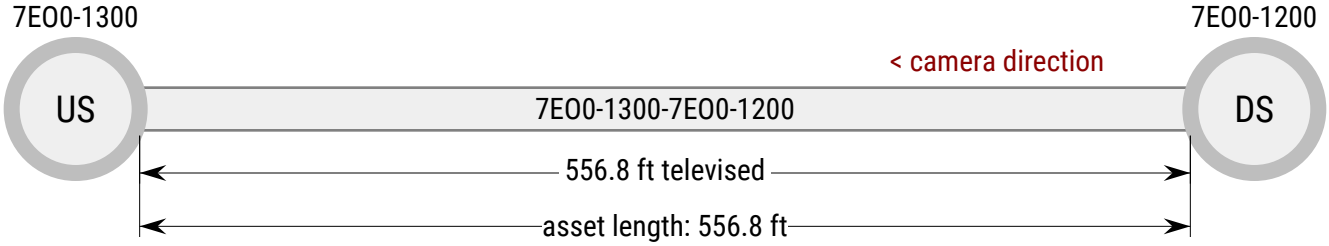
Ratings

$\sum_{i=1}^{5} SG_i$

	Structural	O & M	Overall
Quick:	2S1U	1C00	2S1Y
Pipe Rating:	313	22	335
Rating Index:	1.5	1	1.4

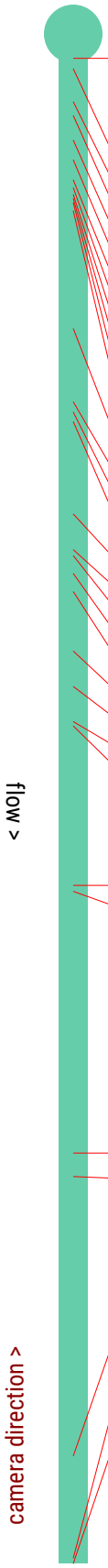
Consequence of Failure:

Summary



Observations

7EO0-1300



Feet	Code		Clock	Value	Grade	Description	Remarks
556.8	AMH					Access Point Manhole	7EO0-1300
	MWLS	06		30%	×9	Miscellaneous Water Level Sag	
	MLC	02				Miscellaneous Lining Change	Other (ZZ), cement mortar
	SSC	01	8 - 4		×111	Surface Spalling of Damage Coating	
553.0	VC				1	Vermin Cockroach	
540.8	VC				1	Vermin Cockroach	
535.7	VC				1	Vermin Cockroach	
526.6	VC				1	Vermin Cockroach	
519.3	VC				1	Vermin Cockroach	
511.9	MWLS	06		30%	2	Miscellaneous Water Level Sag	
509.0	VC				1	Vermin Cockroach	
506.5	MWLS	05		25%	×39	Miscellaneous Water Level Sag	
505.0	VC				1	Vermin Cockroach	count estimated between 5 and 10
503.5	VC				1	Vermin Cockroach	
500.5	VC				1	Vermin Cockroach	
456.9	VC				1	Vermin Cockroach	
429.8	VC				1	Vermin Cockroach	
426.0	VC				1	Vermin Cockroach	
422.5	VC				1	Vermin Cockroach	
388.3	VC				1	Vermin Cockroach	count estimated between 5 and 10
375.1	VC				1	Vermin Cockroach	
372.9	VC				1	Vermin Cockroach	
366.3	VC				1	Vermin Cockroach	
359.6	VC				1	Vermin Cockroach	
337.6	VC				1	Vermin Cockroach	
324.5	VC				1	Vermin Cockroach	
311.5	MWLS	05		25%	2	Miscellaneous Water Level Sag	
309.9	MWLS	04		25%	×32	Miscellaneous Water Level Sag	
250.9	VC				1	Vermin Cockroach	
248.7	VC				1	Vermin Cockroach	
151.9	MWLS	04		25%	2	Miscellaneous Water Level Sag	
143.2	MWLS	03		20%	×21	Miscellaneous Water Level Sag	
039.8	MWLS	03		20%	2	Miscellaneous Water Level Sag	
	MWL			10%		Miscellaneous Water Level	
002.0	MGO					Miscellaneous General Observation	initial counter adjustment
000.0	MLC	02				Miscellaneous Lining Change	Other (ZZ), cement mortar
	SSC	01	8 - 4		1	Surface Spalling of Damage Coating	
	MMC					Miscellaneous Material Change	RCP
	MGO					Miscellaneous General Observation	material in header can not be identified at any point in the pipe
	MWL			25%		Miscellaneous Water Level	
	AZ					Access Point Other	7EO0-1200 access point type not evident

7EO0-1200

Snapshots



[Grade 2] Miscellaneous Water Level Sag (finish) at 556.8 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 556.8 ft, 8 - 4 o'clock



Miscellaneous Lining Change at 556.8 ft | Other (ZZ), cement mortar



Access Point Manhole at 556.8 ft | 7EO0-1300



[Grade 1] Vermin Cockroach at 553.0 ft



[Grade 1] Vermin Cockroach at 540.8 ft



[Grade 1] Vermin Cockroach at 535.7 ft



[Grade 1] Vermin Cockroach at 526.6 ft

Snapshots



[Grade 1] Vermin Cockroach at 519.3 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 511.9 ft



[Grade 1] Vermin Cockroach at 509.0 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 506.5 ft



[Grade 1] Vermin Cockroach at 505.0 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 503.5 ft



[Grade 1] Vermin Cockroach at 500.5 ft



[Grade 1] Vermin Cockroach at 456.9 ft

Snapshots



[Grade 1] Vermin Cockroach at 429.8 ft



[Grade 1] Vermin Cockroach at 426.0 ft



[Grade 1] Vermin Cockroach at 422.5 ft



[Grade 1] Vermin Cockroach at 388.3 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 375.1 ft



[Grade 1] Vermin Cockroach at 372.9 ft



[Grade 1] Vermin Cockroach at 366.3 ft



[Grade 1] Vermin Cockroach at 359.6 ft

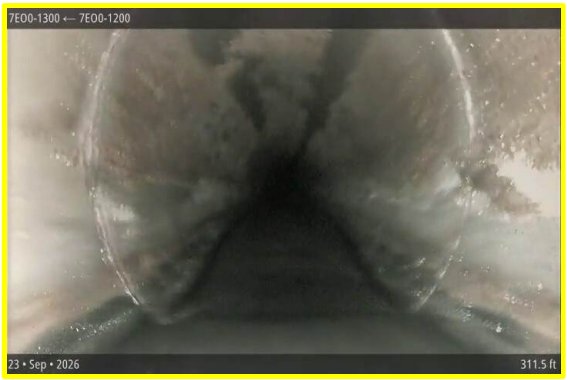
Snapshots



[Grade 1] Vermin Cockroach at 337.6 ft



[Grade 1] Vermin Cockroach at 324.5 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 311.5 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 309.9 ft



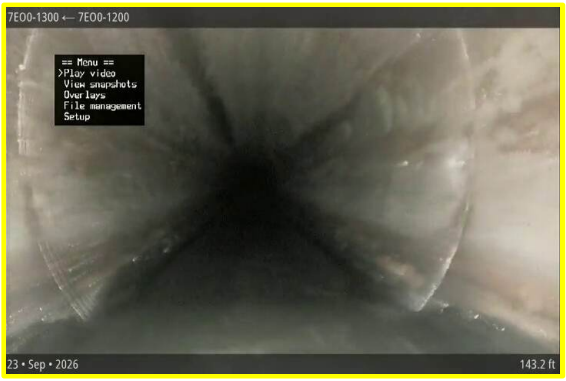
[Grade 1] Vermin Cockroach at 250.9 ft



[Grade 1] Vermin Cockroach at 248.7 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 151.9 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 143.2 ft

Snapshots



Miscellaneous Water Level at 039.8 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 039.8 ft



Miscellaneous General Observation at 002.0 ft | initial counter adjustment



Access Point Other at 000.0 ft | 7EO0-1200 access point type not evident



Miscellaneous Water Level at 000.0 ft



Miscellaneous General Observation at 000.0 ft | material in header can not be identified at any point in



Miscellaneous Material Change at 000.0 ft | RCP



[Grade 1] Surface Spalling of Damage Coating (start) at 000.0 ft, 8 - 4 o'clock

Snapshots



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-1200-7EO0-1100
Upstream MH:	7EO0-1200
Downstream MH:	7EO0-1100

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	20 in (Circular)
Material:	Reinforced Concrete Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	575.5 ft

Location

Address:	18TH, KINGSBURG	
Drainage Area:		
Latitude:		
Longitude:		
Elevation:		
GPS Accuracy:		
Location Code:		
Location Details:		

Project

Project:	
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

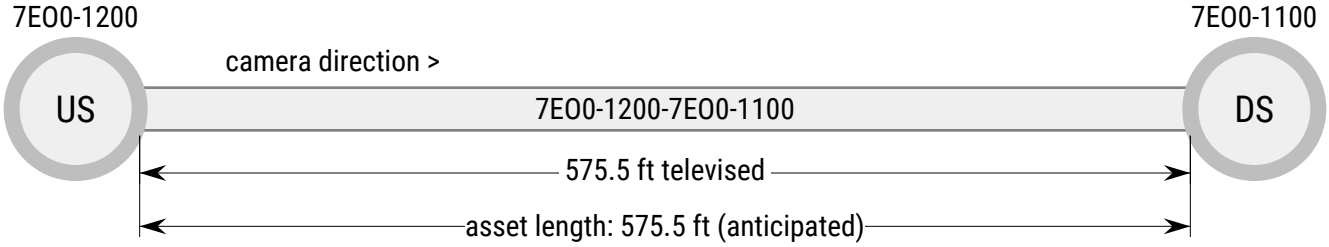
Media Date/Time:	23 • Sep • 2026 07:41
Surveyed By:	MICHAEL GARCIA (P0052308-012025)
Reviewed By:	
Camera Direction:	Downstream
Purpose:	
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	575.5 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	312P	4131	4132
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	294	8	302
Rating Index:	1.4	2.7	1.5

Consequence of Failure:

Summary



Observations

7EO0-1200



Feet	Code		Clock	Value	Grade	Description	Remarks
000.0	AZ					Access Point Other	7EO0-1200 access point type not evident
	MWL			30%		Miscellaneous Water Level	
	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	SSC	02	8 - 4		1	Surface Spalling of Damage Coating	
010.6	MCU				4	Miscellaneous Camera Underwater	
095.2	MWL			10%		Miscellaneous Water Level	
	MWLS	03		20%	2	Miscellaneous Water Level Sag	
129.3	MWLS	03		20%	×7	Miscellaneous Water Level Sag	
129.9	MWLS	04		20%	2	Miscellaneous Water Level Sag	
183.9	MWLS	04		20%	×11	Miscellaneous Water Level Sag	
185.7	MWLS	05		25%	2	Miscellaneous Water Level Sag	
222.7	TBI		12	5 in 3 in	3	Tap Break-in Intruding	Defective (D) - gap around circumference of the tap - main type of defect: crack Activity (A)
227.9	MWLS	05		25%	×8	Miscellaneous Water Level Sag	
	MWLS	06		30%	2	Miscellaneous Water Level Sag	
537.0	MWLS	06		30%	×62	Miscellaneous Water Level Sag	
553.0	LFD		1		3	Lining Feature Detached	
561.7	MWL			25%		Miscellaneous Water Level	
572.2	VC				1	Vermin Cockroach	
575.3	SSC	02	8 - 4		×115	Surface Spalling of Damage Coating	
575.5	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	AMH					Access Point Manhole	7EO0-1100

Snapshots



Access Point Other at 000.0 ft | 7EO0-1200
access point type not evident



Miscellaneous Water Level at 000.0 ft



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



[Grade 1] Surface Spalling of Damage Coating (start) at 000.0 ft, 8 - 4 o'clock



[Grade 4] Miscellaneous Camera Underwater at 010.6 ft



Miscellaneous Water Level at 095.2 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 095.2 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 129.3 ft

Snapshots



[Grade 2] Miscellaneous Water Level Sag (start) at 129.9 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 183.9 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 185.7 ft



[Grade 3] Tap Break-in Intruding at 222.7 ft, 12 o'clock | Defective (D)



[Grade 2] Miscellaneous Water Level Sag (finish) at 227.9 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 227.9 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 537.0 ft



[Grade 3] Lining Feature Detached at 553.0 ft, 1 o'clock

Snapshots



Miscellaneous Water Level at 561.7 ft



[Grade 1] Vermin Cockroach at 572.2 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 575.3 ft, 8 - 4 o'clock



Miscellaneous Lining Change at 575.5 ft | Other (ZZ), cement mortar



Access Point Manhole at 575.5 ft | 7E00-1100

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Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-1100-7EO0-0800
Upstream MH:	7EO0-1100
Downstream MH:	7EO0-0800

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	20 in (Circular)
Material:	Reinforced Concrete Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	928.0 ft

Location

Address:	18TH, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	

Project

Project:	
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

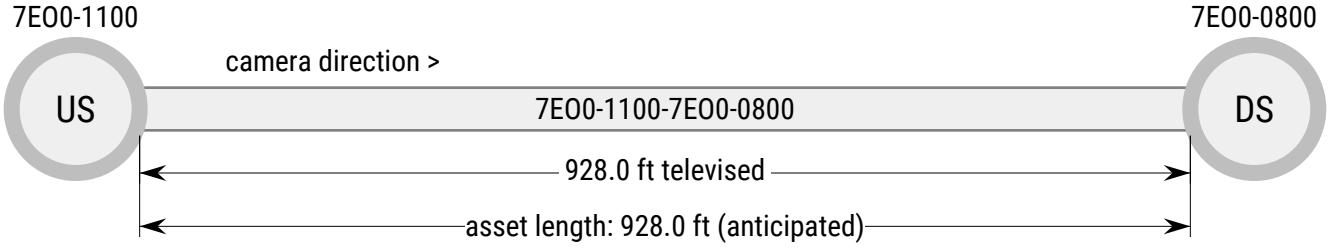
Media Date/Time:	23 • Sep • 2026 08:36
Surveyed By:	MICHAEL GARCIA (P0052308-012025)
Reviewed By:	
Camera Direction:	Downstream
Purpose:	
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	928.0 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	2R13	2Z1H	2Z1H
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	197	419	616
Rating Index:	2	1.8	1.9

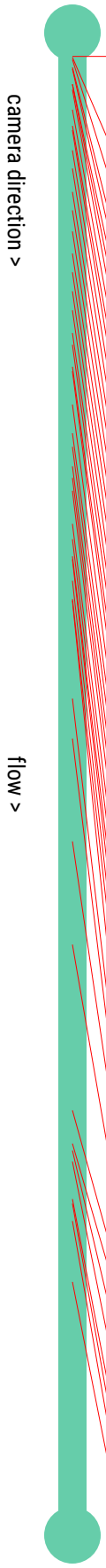
Consequence of Failure:

Summary



Observations

7EO0-1100



Feet	Code		Clock	Value	Grade	Description	Remarks
000.0	AMH					Access Point Manhole	7EO0-1100
	MWL			15%		Miscellaneous Water Level	
	DSC	01	4 - 8	5%	2	Deposits Settled Hard/Compacted	
	MLC	02				Miscellaneous Lining Change	Other (ZZ), cement mortar
000.6	MGO					Miscellaneous General Observation	corrosion visible on the wall at 12 o'clock
002.0	MGO					Miscellaneous General Observation	initial counter adjustment
007.0	VC				1	Vermin Cockroach	
008.0	VC				1	Vermin Cockroach	count estimated between 5 and 10
017.7	VC				1	Vermin Cockroach	
017.9	VC				1	Vermin Cockroach	
021.2	VC				1	Vermin Cockroach	count estimated between 11 and 50
034.0	VC				1	Vermin Cockroach	count estimated between 11 and 50
044.3	VC				1	Vermin Cockroach	count estimated between 5 and 10
047.0	VC				1	Vermin Cockroach	count estimated between 5 and 10
059.9	VC				1	Vermin Cockroach	count estimated between 5 and 10
071.5	VC				1	Vermin Cockroach	count estimated between 5 and 10
086.4	VC				1	Vermin Cockroach	count estimated between 11 and 50
098.2	VC				1	Vermin Cockroach	count estimated between 5 and 10
111.6	VC				1	Vermin Cockroach	count estimated between 11 and 50
125.7	VC				1	Vermin Cockroach	count estimated between 11 and 50
137.6	VC				1	Vermin Cockroach	count estimated between 5 and 10
149.8	VC				1	Vermin Cockroach	count estimated between 11 and 50
161.9	VC				1	Vermin Cockroach	
176.4	VC				1	Vermin Cockroach	count estimated between 11 and 50
183.9	VC				1	Vermin Cockroach	count estimated between 5 and 10
197.9	VC				1	Vermin Cockroach	
200.8	VC				1	Vermin Cockroach	
222.0	VC				1	Vermin Cockroach	count estimated between 11 and 50
240.3	VC				1	Vermin Cockroach	
249.0	VC				1	Vermin Cockroach	count estimated between 11 and 50
261.4	VC				1	Vermin Cockroach	count estimated between 5 and 10
268.8	VC				1	Vermin Cockroach	count estimated between 11 and 50
277.0	VC				1	Vermin Cockroach	count estimated to be more than 50
298.1	VC				1	Vermin Cockroach	
307.9	VC				1	Vermin Cockroach	count estimated between 11 and 50
318.8	VC				1	Vermin Cockroach	count estimated between 5 and 10
320.8	VC				1	Vermin Cockroach	count estimated between 11 and 50
334.4	VC				1	Vermin Cockroach	count estimated between 11 and 50
346.1	MWL			5%		Miscellaneous Water Level	
	MWLS	03		15%	2	Miscellaneous Water Level Sag	
347.0	VC				1	Vermin Cockroach	count estimated between 11 and 50
409.5	MWLS	03		15%	×13	Miscellaneous Water Level Sag	
435.0	MWL			15%		Miscellaneous Water Level	
500.6	MWL			5%		Miscellaneous Water Level	
	MWLS	04		15%	2	Miscellaneous Water Level Sag	
566.4	MWLS	04		15%	×13	Miscellaneous Water Level Sag	
	MWLS	05		20%	2	Miscellaneous Water Level Sag	
672.1	VC				1	Vermin Cockroach	
693.3	MWLS	05		20%	×25	Miscellaneous Water Level Sag	
	VC				1	Vermin Cockroach	
697.7	MWLS	06		20%	2	Miscellaneous Water Level Sag	
	VC				1	Vermin Cockroach	
704.8	SSC		8 - 10		1	Surface Spalling of Damage Coating	
728.7	VC				1	Vermin Cockroach	
731.5	VC				1	Vermin Cockroach	
742.7	VC				1	Vermin Cockroach	
781.5	VC				1	Vermin Cockroach	

7EO0-0800

Observations (continued)

7EO0-1100

camera direction >

flow >

Feet	Code		Clock	Value	Grade	Description	Remarks
782.7	VC				1	Vermin Cockroach	
797.8	VC				1	Vermin Cockroach	
808.0	VC				1	Vermin Cockroach	
816.3	SSC		11 - 1		1	Surface Spalling of Damage Coating	
817.8	VC				1	Vermin Cockroach	
822.2	SSC		11 - 1		1	Surface Spalling of Damage Coating	
893.3	VC				1	Vermin Cockroach	
917.0	VR				2	Vermin Rat	
928.0	DSC	01	4 - 8	5%	×186	Deposits Settled Hard/Compacted	
	MLC	02				Miscellaneous Lining Change	Other (ZZ), cement mortar
	MWLS	06		20%	×46	Miscellaneous Water Level Sag	
	AMH					Access Point Manhole	7EO0-0800

7EO0-0800

Snapshots



Access Point Manhole at 000.0 ft | 7EO0-1100



Miscellaneous Water Level at 000.0 ft



[Grade 2] Deposits Settled Hard/Compacted (start) at 000.0 ft, 4 - 8 o'clock



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



Miscellaneous General Observation at 000.6 ft | corrosion visible on the wall



Miscellaneous General Observation at 002.0 ft | initial counter adjustment



[Grade 1] Vermin Cockroach at 007.0 ft



[Grade 1] Vermin Cockroach at 008.0 ft | count estimated between 5 and 10

Snapshots



[Grade 1] Vermin Cockroach at 017.7 ft



[Grade 1] Vermin Cockroach at 017.9 ft



[Grade 1] Vermin Cockroach at 021.2 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 034.0 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 044.3 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 047.0 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 059.9 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 071.5 ft | count estimated between 5 and 10

Snapshots



[Grade 1] Vermin Cockroach at 086.4 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 098.2 ft | count estimated between 5 and 10



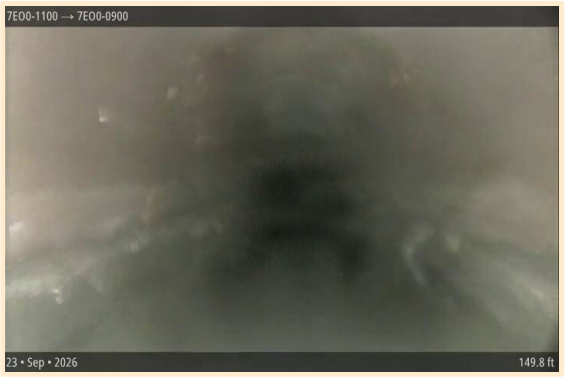
[Grade 1] Vermin Cockroach at 111.6 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 125.7 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 137.6 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 149.8 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 161.9 ft



[Grade 1] Vermin Cockroach at 176.4 ft | count estimated between 11 and 50

Snapshots



[Grade 1] Vermin Cockroach at 183.9 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 197.9 ft



[Grade 1] Vermin Cockroach at 200.8 ft



[Grade 1] Vermin Cockroach at 222.0 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 240.3 ft



[Grade 1] Vermin Cockroach at 249.0 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 261.4 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 268.8 ft | count estimated between 11 and 50

Snapshots



[Grade 1] Vermin Cockroach at 277.0 ft | count estimated to be more than 50



[Grade 1] Vermin Cockroach at 298.1 ft



[Grade 1] Vermin Cockroach at 307.9 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 318.8 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 320.8 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 334.4 ft | count estimated between 11 and 50



Miscellaneous Water Level at 346.1 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 346.1 ft

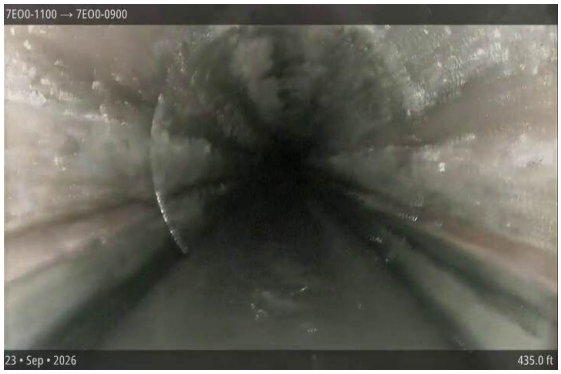
Snapshots



[Grade 1] Vermin Cockroach at 347.0 ft | count estimated between 11 and 50



[Grade 2] Miscellaneous Water Level Sag (finish) at 409.5 ft



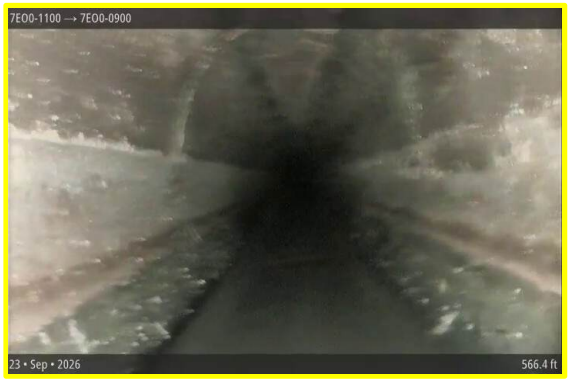
Miscellaneous Water Level at 435.0 ft



Miscellaneous Water Level at 500.6 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 500.6 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 566.4 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 566.4 ft



[Grade 1] Vermin Cockroach at 672.1 ft

Snapshots



[Grade 2] Miscellaneous Water Level Sag (finish) at 693.3 ft



[Grade 1] Vermin Cockroach at 693.3 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 697.7 ft



[Grade 1] Vermin Cockroach at 697.7 ft



[Grade 1] Surface Spalling of Damage Coating at 704.8 ft, 8 - 10 o'clock



[Grade 1] Vermin Cockroach at 728.7 ft



[Grade 1] Vermin Cockroach at 731.5 ft



[Grade 1] Vermin Cockroach at 742.7 ft

Snapshots



[Grade 1] Vermin Cockroach at 781.5 ft



[Grade 1] Vermin Cockroach at 782.7 ft



[Grade 1] Vermin Cockroach at 797.8 ft



[Grade 1] Vermin Cockroach at 808.0 ft



[Grade 1] Surface Spalling of Damage Coating at 816.3 ft, 11 - 1 o'clock



[Grade 1] Vermin Cockroach at 817.8 ft

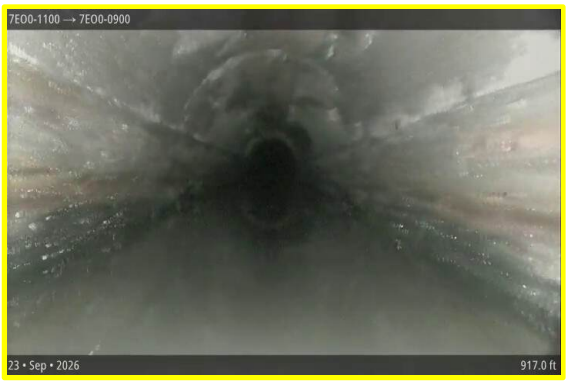


[Grade 1] Surface Spalling of Damage Coating at 822.2 ft, 11 - 1 o'clock



[Grade 1] Vermin Cockroach at 893.3 ft

Snapshots



[Grade 2] Vermin Rat at 917.0 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 928.0 ft



[Grade 2] Deposits Settled Hard/Compacted (finish) at 928.0 ft, 4 - 8 o'clock



Miscellaneous Lining Change at 928.0 ft | Other (ZZ), cement mortar



Access Point Manhole at 928.0 ft | 7EO0-0800

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-0800-7EO0-0800B
Upstream MH:	7EO0-0800
Downstream MH:	7EO0-0800B

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	20 in (Circular)
Material:	Reinforced Concrete Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	219.2 ft

Location

Address:	18TH, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	

Project

Project:	
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

Media Date/Time:	23 • Sep • 2026 10:22
Surveyed By:	MICHAEL GARCIA (P0052308-012025)
Reviewed By:	
Camera Direction:	Downstream
Purpose:	
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	219.2 ft
Weather:	

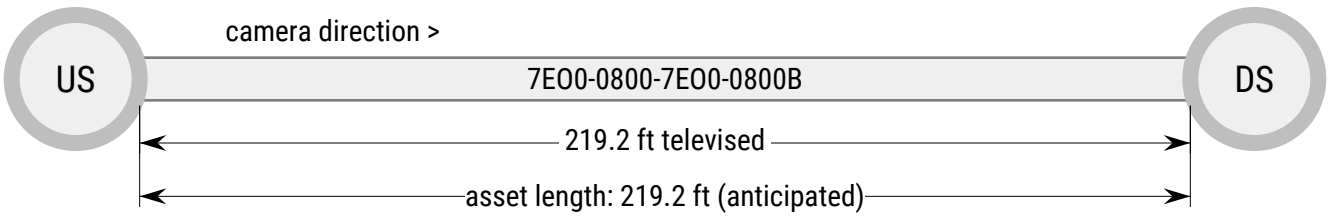
Ratings

	Structural	O & M	Overall
Quick:	331D	2100	3321
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	36	2	38
Rating Index:	1.2	2	1.2

Consequence of Failure:

Summary

7EO0-0800 — 7EO0-0800B



Observations

7EO0-0800

camera direction >

flow >

Feet	Code		Clock	Value	Grade	Description	Remarks
000.0	AZ					Access Point Other	7EO0-0800 access point type not evident
	MWL			35%		Miscellaneous Water Level	
	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
007.0	MGO					Miscellaneous General Observation	initial counter adjustment
062.0	DAZ		11	5%	2	Deposits Attached Other	fouling
084.4	SSC	02	9 - 3		1	Surface Spalling of Damage Coating	
101.4	LFD		9 - 10		3	Lining Feature Detached	
172.1	LFD	03	11 - 12		3	Lining Feature Detached	
177.9	LFD	03	11 - 12			Lining Feature Detached	
203.6	LFD		10 - 11		3	Lining Feature Detached	
219.2	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	SSC	02	9 - 3		×27	Surface Spalling of Damage Coating	
	AMH					Access Point Manhole	7EO0-0800B

7EO0-0800B

Snapshots



Access Point Other at 000.0 ft | 7EO0-0800
access point type not evident



Miscellaneous Water Level at 000.0 ft



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



Miscellaneous General Observation at 007.0 ft | initial counter adjustment



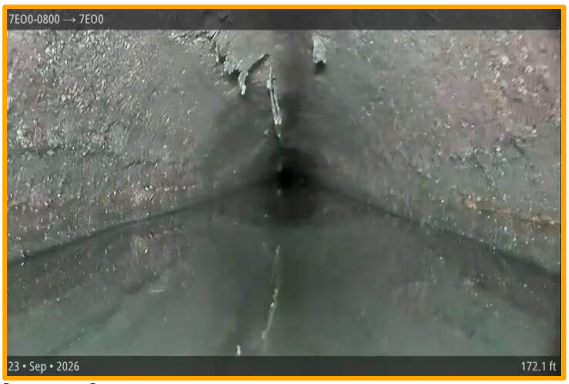
[Grade 2] Deposits Attached Other at 062.0 ft, 11 o'clock | fouling



[Grade 1] Surface Spalling of Damage Coating (start) at 084.4 ft, 9 - 3 o'clock



[Grade 3] Lining Feature Detached at 101.4 ft, 9 - 10 o'clock



[Grade 3] Lining Feature Detached (start) at 172.1 ft, 11 - 12 o'clock

Snapshots



[Grade 3] Lining Feature Detached (finish) at 177.9 ft, 11 - 12 o'clock



[Grade 3] Lining Feature Detached at 203.6 ft, 10 - 11 o'clock



Miscellaneous Lining Change at 219.2 ft | Other (ZZ), cement mortar



[Grade 1] Surface Spalling of Damage Coating (finish) at 219.2 ft, 9 - 3 o'clock



Access Point Manhole at 219.2 ft | 7EO0-0800B

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-0800B-7EO0-0600
Upstream MH:	7EO0-0800B
Downstream MH:	7EO0-0600

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	21 in (Circular)
Material:	Reinforced Concrete Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	761.8 ft

Location

Address:	18th Ave, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	Upstream heading North towards Sierra.

Project

Project:	18th Ave Cleaning & CCTV
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

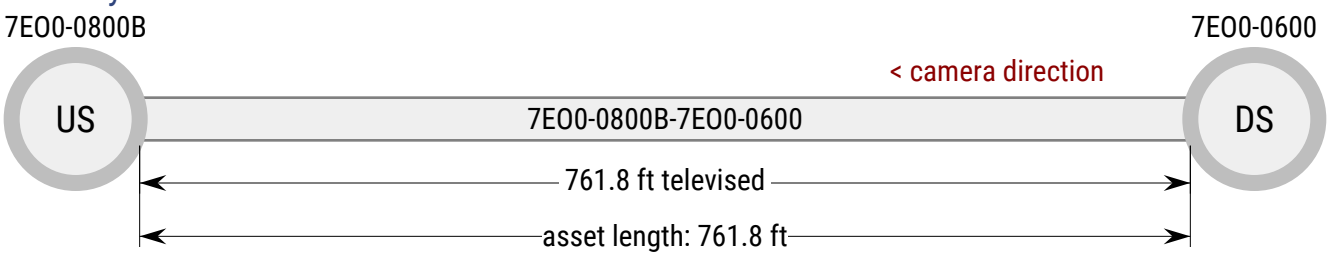
Media Date/Time:	28 • Sep • 2026 16:18
Surveyed By:	Michael Leon (U-1220-70400405)
Reviewed By:	
Camera Direction:	Upstream
Purpose:	Sewer System Evaluation Survey
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	761.8 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	3K2N	3116	3K2N
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	351	9	360
Rating Index:	2.3	1.3	2.3

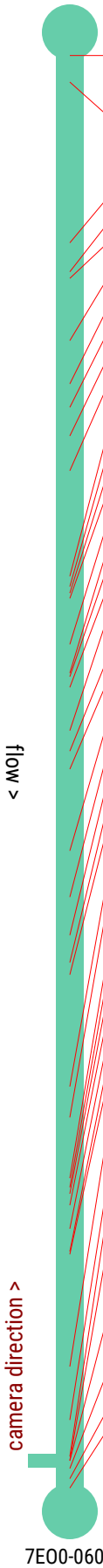
Consequence of Failure:

Summary



Observations

7EO0-0800B



Feet	Code		Clock	Value	Grade	Description	Remarks
761.8	AMH					Access Point Manhole	7EO0-0800B
	MWLS	13		30%	×44	Miscellaneous Water Level Sag	
	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
747.7	VC				1	Vermin Cockroach	
662.2	LFD	14	11 - 2		×3	Lining Feature Detached	
646.8	LFD	14	11 - 2		3	Lining Feature Detached	
643.3	LFD		10		3	Lining Feature Detached	
610.2	LFD		10		3	Lining Feature Detached	
587.2	LFD		2 - 3		3	Lining Feature Detached	
574.7	LFD		2 - 3		3	Lining Feature Detached	
559.5	LFD		9 - 10		3	Lining Feature Detached	
541.0	MWLS	13		30%	2	Miscellaneous Water Level Sag	
484.9	LFD		2 - 3		3	Lining Feature Detached	
479.4	LFD	12	9 - 12			Lining Feature Detached	
475.9	LFD	12	9 - 12		3	Lining Feature Detached	
473.1	LFD		3		3	Lining Feature Detached	
448.7	LFD		12		3	Lining Feature Detached	
433.4	LFD		12		3	Lining Feature Detached	
431.5	LFD	11	11			Lining Feature Detached	
425.8	LFD	11	11		3	Lining Feature Detached	
402.8	MWL			20%		Miscellaneous Water Level	
	MWLS	09		50%	×38	Miscellaneous Water Level Sag	
391.9	LFD	10	12		×2	Lining Feature Detached	
382.3	LFD	10	12		3	Lining Feature Detached	
338.9	VC				1	Vermin Cockroach	
314.3	VC				1	Vermin Cockroach	
294.0	VC				1	Vermin Cockroach	
279.5	LFD		10 - 2		3	Lining Feature Detached	
273.0	LFD		2 - 3		3	Lining Feature Detached	
213.5	MWLS	09		50%	3	Miscellaneous Water Level Sag	
197.1	MWL			5%		Miscellaneous Water Level	
	MWLS	07		15%	×8	Miscellaneous Water Level Sag	
164.8	LFD	08	11 - 1			Lining Feature Detached	
159.9	LFD	08	11 - 1		3	Lining Feature Detached	
156.5	MWLS	07		15%	2	Miscellaneous Water Level Sag	
150.4	MWLS	06		20%	×5	Miscellaneous Water Level Sag	
137.9	VC				1	Vermin Cockroach	
125.8	MWLS	06		20%	2	Miscellaneous Water Level Sag	
124.3	MWLS	05		25%	×22	Miscellaneous Water Level Sag	
064.6	SSC	04	8 - 4		×10	Surface Spalling of Damage Coating	
036.2	VC				1	Vermin Cockroach	
016.8	MWLS	05		25%	2	Miscellaneous Water Level Sag	
	MWL			15%		Miscellaneous Water Level	
014.7	SSC	04	8 - 4		1	Surface Spalling of Damage Coating	
	SSC	02	12 - 2		×3	Surface Spalling of Damage Coating	
014.5	TBD		11	8 in	3	Tap Break-in/Hammer Defective	Defective (D) - gap around circumference of the tap - main type of defect: hole
010.4	LFD		12 - 3		3	Lining Feature Detached	
	LFD		9		3	Lining Feature Detached	
005.0	LFD	03	12 - 1			Lining Feature Detached	
000.0	LFD	03	12 - 1		3	Lining Feature Detached	
	SSC	02	12 - 2		1	Surface Spalling of Damage Coating	
	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	MWL			35%		Miscellaneous Water Level	
	AMH					Access Point Manhole	7EO0-0600

7EO0-0600

Snapshots



[Grade 2] Miscellaneous Water Level Sag (finish) at 761.8 ft



Miscellaneous Lining Change at 761.8 ft | Other (ZZ), cement mortar



Access Point Manhole at 761.8 ft | 7EO0-0800B



[Grade 1] Vermin Cockroach at 747.7 ft



[Grade 3] Lining Feature Detached (finish) at 662.2 ft, 11 - 2 o'clock



[Grade 3] Lining Feature Detached (start) at 646.8 ft, 11 - 2 o'clock



[Grade 3] Lining Feature Detached at 643.3 ft, 10 o'clock



[Grade 3] Lining Feature Detached at 610.2 ft, 10 o'clock

Snapshots



[Grade 3] Lining Feature Detached at 587.2 ft, 2 - 3 o'clock



[Grade 3] Lining Feature Detached at 574.7 ft, 2 - 3 o'clock



[Grade 3] Lining Feature Detached at 559.5 ft, 9 - 10 o'clock



[Grade 2] Miscellaneous Water Level Sag (start) at 541.0 ft



[Grade 3] Lining Feature Detached at 484.9 ft, 2 - 3 o'clock



[Grade 3] Lining Feature Detached (finish) at 479.4 ft, 9 - 12 o'clock



[Grade 3] Lining Feature Detached (start) at 475.9 ft, 9 - 12 o'clock



[Grade 3] Lining Feature Detached at 473.1 ft, 3 o'clock

Snapshots



[Grade 3] Lining Feature Detached at 448.7 ft, 12 o'clock



[Grade 3] Lining Feature Detached at 433.4 ft, 12 o'clock



[Grade 3] Lining Feature Detached (finish) at 431.5 ft, 11 o'clock



[Grade 3] Lining Feature Detached (start) at 425.8 ft, 11 o'clock



[Grade 3] Miscellaneous Water Level Sag (finish) at 402.8 ft



Miscellaneous Water Level at 402.8 ft



[Grade 3] Lining Feature Detached (finish) at 391.9 ft, 12 o'clock



[Grade 3] Lining Feature Detached (start) at 382.3 ft, 12 o'clock

Snapshots



[Grade 1] Vermin Cockroach at 338.9 ft



[Grade 1] Vermin Cockroach at 314.3 ft



[Grade 1] Vermin Cockroach at 294.0 ft



[Grade 3] Lining Feature Detached at 279.5 ft, 10 - 2 o'clock



[Grade 3] Lining Feature Detached at 273.0 ft, 2 - 3 o'clock



[Grade 3] Miscellaneous Water Level Sag (start) at 213.5 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 197.1 ft



Miscellaneous Water Level at 197.1 ft

Snapshots



[Grade 3] Lining Feature Detached (finish) at 164.8 ft, 11 - 1 o'clock



[Grade 3] Lining Feature Detached (start) at 159.9 ft, 11 - 1 o'clock



[Grade 2] Miscellaneous Water Level Sag (start) at 156.5 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 150.4 ft



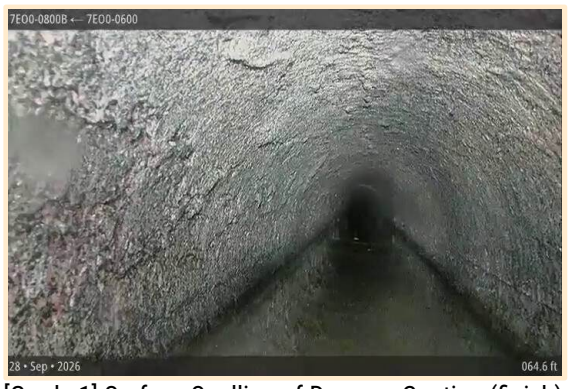
[Grade 1] Vermin Cockroach at 137.9 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 125.8 ft



[Grade 2] Miscellaneous Water Level Sag (finish) at 124.3 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 064.6 ft, 8 - 4 o'clock

Snapshots



[Grade 1] Vermin Cockroach at 036.2 ft



Miscellaneous Water Level at 016.8 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 016.8 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 014.7 ft, 12 - 2 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 014.7 ft, 8 - 4 o'clock



[Grade 3] Tap Break-in/Hammer Defective at 014.5 ft, 11 o'clock | Defective (D)



[Grade 3] Lining Feature Detached at 010.4 ft, 9 o'clock



[Grade 3] Lining Feature Detached at 010.4 ft, 12 - 3 o'clock

Snapshots



[Grade 3] Lining Feature Detached (finish) at 005.0 ft, 12 - 1 o'clock



Access Point Manhole at 000.0 ft | 7EO0-0600



Miscellaneous Water Level at 000.0 ft



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



[Grade 1] Surface Spalling of Damage Coating (start) at 000.0 ft, 12 - 2 o'clock



[Grade 3] Lining Feature Detached (start) at 000.0 ft, 12 - 1 o'clock

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-0600-7EO0-0500
Upstream MH:	7EO0-0600
Downstream MH:	7EO0-0500

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	24 in (Circular)
Material:	Reinforced Concrete Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	188.7 ft

Location

Address:	18th Ave, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	Upstream heading North on 18th.

Project

Project:	18th Ave Cleaning & CCTV
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

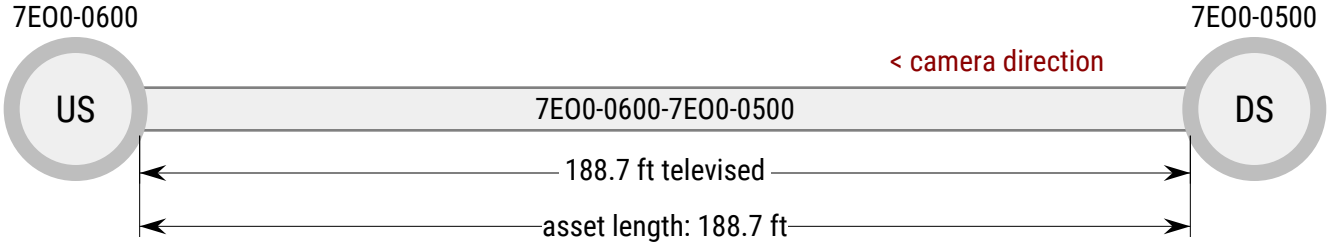
Media Date/Time:	28 • Sep • 2026 16:02
Surveyed By:	Michael Leon (U-1220-70400405)
Reviewed By:	
Camera Direction:	Upstream
Purpose:	Sewer System Evaluation Survey
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	188.7 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	3H27	1B00	3H27
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	184	15	199
Rating Index:	2.2	1	2

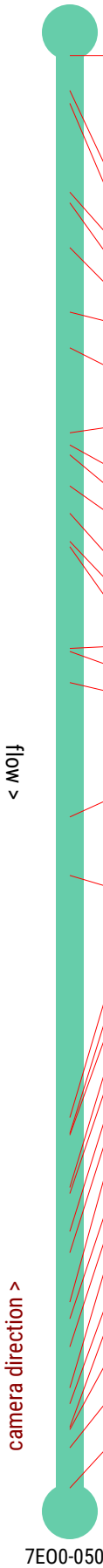
Consequence of Failure:

Summary



Observations

7EO0-0600



Feet	Code		Clock	Value	Grade	Description	Remarks
188.7	AMH					Access Point Manhole	7EO0-0600
	SSS		10 - 2		2	Surface Spalling of Damage Coating	
	SAP	05	8 - 4		×22	Surface Damage Aggregate Projecting	
	MLC	02				Miscellaneous Lining Change	Other (ZZ), cement mortar
184.1	VC				1	Vermin Cockroach	
182.4	VC				1	Vermin Cockroach	
170.7	VC				1	Vermin Cockroach	
169.3	MWL			40%		Miscellaneous Water Level	
163.4	VC				1	Vermin Cockroach	
154.9	SSC	10	9 - 11		×3	Surface Spalling of Damage Coating	
150.2	VC				1	Vermin Cockroach	
139.0	SSC	10	9 - 11		1	Surface Spalling of Damage Coating	
137.4	VC				1	Vermin Cockroach	count estimated between 5 and 10
136.1	MWLS	08		25%	×5	Miscellaneous Water Level Sag	
132.0	SSC	07	10 - 2		×5	Surface Spalling of Damage Coating	
128.4	LFD	09	12			Lining Feature Detached	
124.7	LFD	09	12		3	Lining Feature Detached	
124.0	VC				1	Vermin Cockroach	
110.6	MWLS	08		25%	2	Miscellaneous Water Level Sag	
110.2	MWLS	01		35%	×22	Miscellaneous Water Level Sag	
106.1	SSC	07	10 - 2		1	Surface Spalling of Damage Coating	
	SSC	06	10 - 11		×4	Surface Spalling of Damage Coating	
088.4	SSC	06	10 - 11		1	Surface Spalling of Damage Coating	
	SSC	03	8 - 4		×16	Surface Spalling of Damage Coating	
080.7	SAP	05	8 - 4		3	Surface Damage Aggregate Projecting	
048.8	LFD		10		3	Lining Feature Detached	
046.7	VC				1	Vermin Cockroach	
046.5	LFD	04	11 - 1			Lining Feature Detached	
039.6	LFD	04	11 - 1		3	Lining Feature Detached	
038.8	VC				1	Vermin Cockroach	
033.8	VC				1	Vermin Cockroach	
031.0	VC				1	Vermin Cockroach	
024.5	SSS		3		2	Surface Spalling of Damage Coating	
022.3	VC				1	Vermin Cockroach	
018.6	VC				1	Vermin Cockroach	
013.2	MGO					Miscellaneous General Observation	counter jump or malfunction
011.1	VC				1	Vermin Cockroach	count estimated between 5 and 10
008.0	SSC	03	8 - 4		1	Surface Spalling of Damage Coating	
007.7	SSC		1		1	Surface Spalling of Damage Coating	
005.3	MGO					Miscellaneous General Observation	initial counter adjustment
000.0	MLC	02				Miscellaneous Lining Change	Other (ZZ), cement mortar
	VC				1	Vermin Cockroach	
	MWLS	01		35%	3	Miscellaneous Water Level Sag	
	MWL			15%		Miscellaneous Water Level	
	AMH					Access Point Manhole	7EO0-0500

7EO0-0500

Snapshots



Miscellaneous Lining Change at 188.7 ft | Other (ZZ), cement mortar



[Grade 3] Surface Damage Aggregate Projecting (finish) at 188.7 ft, 8 - 4 o'clock



[Grade 2] Surface Spalling of Damage Coating at 188.7 ft, 10 - 2 o'clock



Access Point Manhole at 188.7 ft | 7EO0-0600



[Grade 1] Vermin Cockroach at 184.1 ft



[Grade 1] Vermin Cockroach at 182.4 ft



[Grade 1] Vermin Cockroach at 170.7 ft



Miscellaneous Water Level at 169.3 ft

Snapshots



[Grade 1] Vermin Cockroach at 163.4 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 154.9 ft, 9 - 11 o'clock



[Grade 1] Vermin Cockroach at 150.2 ft



[Grade 1] Surface Spalling of Damage Coating (start) at 139.0 ft, 9 - 11 o'clock



[Grade 1] Vermin Cockroach at 137.4 ft | count estimated between 5 and 10



[Grade 2] Miscellaneous Water Level Sag (finish) at 136.1 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 132.0 ft, 10 - 2 o'clock



[Grade 3] Lining Feature Detached (finish) at 128.4 ft, 12 o'clock

Snapshots



[Grade 3] Lining Feature Detached (start) at 124.7 ft, 12 o'clock



[Grade 1] Vermin Cockroach at 124.0 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 110.6 ft



[Grade 3] Miscellaneous Water Level Sag (finish) at 110.2 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 106.1 ft, 10 - 11 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 106.1 ft, 10 - 2 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 088.4 ft, 8 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 088.4 ft, 10 - 11 o'clock

Snapshots



[Grade 3] Surface Damage Aggregate Projecting (start) at 080.7 ft, 8 - 4 o'clock



[Grade 3] Lining Feature Detached at 048.8 ft, 10 o'clock



[Grade 1] Vermin Cockroach at 046.7 ft



[Grade 3] Lining Feature Detached (finish) at 046.5 ft, 11 - 1 o'clock



[Grade 3] Lining Feature Detached (start) at 039.6 ft, 11 - 1 o'clock



[Grade 1] Vermin Cockroach at 038.8 ft



[Grade 1] Vermin Cockroach at 033.8 ft



[Grade 1] Vermin Cockroach at 031.0 ft

Snapshots



[Grade 2] Surface Spalling of Damage Coating at 024.5 ft, 3 o'clock



[Grade 1] Vermin Cockroach at 022.3 ft



[Grade 1] Vermin Cockroach at 018.6 ft



Miscellaneous General Observation at 013.2 ft | counter jump or malfunction



[Grade 1] Vermin Cockroach at 011.1 ft | count estimated between 5 and 10



[Grade 1] Surface Spalling of Damage Coating (start) at 008.0 ft, 8 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating at 007.7 ft, 1 o'clock



Miscellaneous General Observation at 005.3 ft | initial counter adjustment

Snapshots



Access Point Manhole at 000.0 ft | 7EO0-0500



Miscellaneous Water Level at 000.0 ft



[Grade 3] Miscellaneous Water Level Sag (start) at 000.0 ft



[Grade 1] Vermin Cockroach at 000.0 ft



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar

Video Inspection Specialists
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Asset

Owner:	
PSR:	7EO0-0500-7EO0-0400
Upstream MH:	7EO0-0500
Downstream MH:	7EO0-0400

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	24 in (Circular)
Material:	Vitrified Clay Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	631.8 ft

Location

Address:	18th Ave, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	Downstream heading South on 18th.

Project

Project:	18th Ave Cleaning & CCTV
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

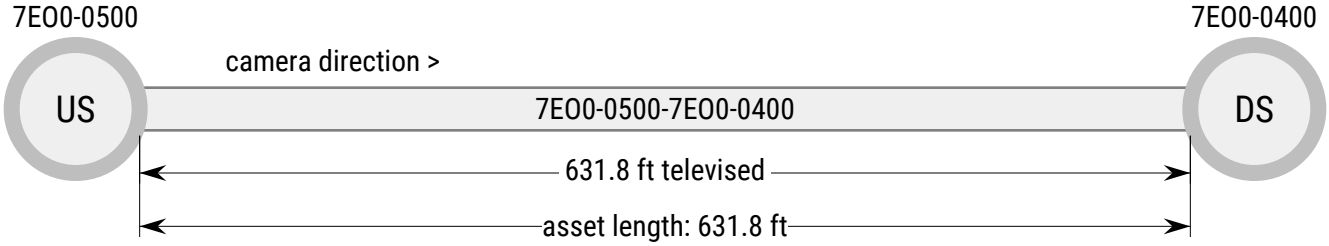
Media Date/Time:	28 • Sep • 2026 17:28
Surveyed By:	Michael Leon (U-1220-70400405)
Reviewed By:	
Camera Direction:	Downstream
Purpose:	Sewer System Evaluation Survey
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	631.8 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	3C2B	211A	3C2C
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	206	13	219
Rating Index:	1.4	1.1	1.4

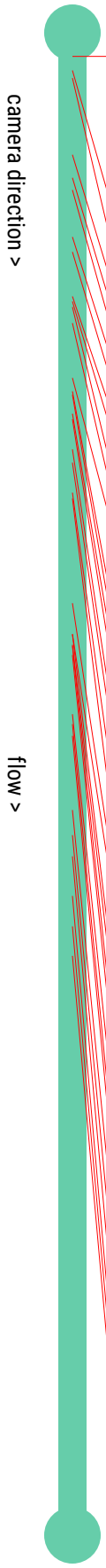
Consequence of Failure:

Summary



Observations

7EO0-0500



Feet	Code		Clock	Value	Grade	Description	Remarks
000.0	AMH					Access Point Manhole	7EO0-0500
	MWL			20%		Miscellaneous Water Level	
	MGO					Miscellaneous General Observation	material in header can not be identified at any point in the pipe
	MMC					Miscellaneous Material Change	RCP
	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	SSC	02	8 - 4		1	Surface Spalling of Damage Coating	
006.1	MGO					Miscellaneous General Observation	initial counter adjustment
009.4	VC				1	Vermin Cockroach	
042.7	LFD	03	10 - 2		3	Lining Feature Detached	
052.7	LFD	03	10 - 2		×2	Lining Feature Detached	
058.0	LFD		11 - 2		3	Lining Feature Detached	
078.4	LFD		10		3	Lining Feature Detached	
084.9	LFD		11		3	Lining Feature Detached	
104.2	LFD		3		3	Lining Feature Detached	
106.4	LFD		3		3	Lining Feature Detached	
	LFD		9		3	Lining Feature Detached	
108.8	LFD		3		3	Lining Feature Detached	
115.8	LFD		3		3	Lining Feature Detached	
139.6	SSC	02	8 - 4		×28	Surface Spalling of Damage Coating	
	SSC	04	8 - 9		1	Surface Spalling of Damage Coating	
145.4	VC				1	Vermin Cockroach	
146.9	LFD	05	9		3	Lining Feature Detached	
155.1	LFD	05	9		×2	Lining Feature Detached	
157.5	SSC	04	8 - 9		×4	Surface Spalling of Damage Coating	
170.6	LFD		9		3	Lining Feature Detached	
176.4	SSC		9		1	Surface Spalling of Damage Coating	
189.4	SSC	06	8 - 4		1	Surface Spalling of Damage Coating	
191.9	LFD		3		3	Lining Feature Detached	
237.4	LFD		1 - 2		3	Lining Feature Detached	
250.8	SSC	06	8 - 4		×12	Surface Spalling of Damage Coating	
	SSC	07	9		1	Surface Spalling of Damage Coating	
250.9	LFD		9		3	Lining Feature Detached	
255.4	SSC	07	9			Surface Spalling of Damage Coating	
256.0	LFD		9		3	Lining Feature Detached	
259.9	SSC		3		1	Surface Spalling of Damage Coating	
285.6	SSC	08	9 - 10		1	Surface Spalling of Damage Coating	
289.9	LFD		10		3	Lining Feature Detached	
295.0	SSC	08	9 - 10		×2	Surface Spalling of Damage Coating	
327.2	SSC	09	11 - 1		1	Surface Spalling of Damage Coating	
338.1	SSC	09	11 - 1		×2	Surface Spalling of Damage Coating	
347.3	SSC	10	10 - 2		1	Surface Spalling of Damage Coating	
364.5	VC				1	Vermin Cockroach	
377.7	VC				1	Vermin Cockroach	count estimated between 5 and 10
390.5	VC				1	Vermin Cockroach	

7EO0-0400

Observations (continued)

7EO0-0500

camera direction >

flow >

Feet	Code		Clock	Value	Grade	Description	Remarks
401.5	LFD		9		3	Lining Feature Detached	
404.6	SSC	10	10 - 2		×11	Surface Spalling of Damage Coating	Defect Wanders: 08 - 04
411.0	SSC	11	4		1	Surface Spalling of Damage Coating	
415.9	VC				1	Vermin Cockroach	
418.3	SSC	11	4			Surface Spalling of Damage Coating	
	SSC	12	10 - 4		1	Surface Spalling of Damage Coating	
430.7	VC				1	Vermin Cockroach	
441.8	VC				1	Vermin Cockroach	count estimated between 5 and 10
468.4	VC				1	Vermin Cockroach	
519.7	VC				1	Vermin Cockroach	count estimated between 5 and 10
520.8	MWL			10%		Miscellaneous Water Level	
526.3	MWLS	13		30%	2	Miscellaneous Water Level Sag	
543.9	LFD		10		3	Lining Feature Detached	
584.2	MWLS	13		30%	×12	Miscellaneous Water Level Sag	
597.5	MWLS	14		25%	2	Miscellaneous Water Level Sag	
617.5	VC				1	Vermin Cockroach	
629.8	SSC	12	10 - 4		×42	Surface Spalling of Damage Coating	Defect Wanders: 08 - 02
	JOM				3	Joint Offset Medium	
	IWJ		3 - 4		2	Infiltration Weeper Joint	
631.8	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	MWLS	14		25%	×7	Miscellaneous Water Level Sag	
	AMH					Access Point Manhole	7EO0-0400

7EO0-0400

Snapshots



Access Point Manhole at 000.0 ft | 7E00-0500



Miscellaneous Water Level at 000.0 ft



Miscellaneous General Observation at 000.0 ft | material in header can not be identified at any point in



Miscellaneous Material Change at 000.0 ft | RCP



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



[Grade 1] Surface Spalling of Damage Coating (start) at 000.0 ft, 8 - 4 o'clock



Miscellaneous General Observation at 006.1 ft | initial counter adjustment



[Grade 1] Vermin Cockroach at 009.4 ft

Snapshots



[Grade 3] Lining Feature Detached (start) at 042.7 ft, 10 - 2 o'clock



[Grade 3] Lining Feature Detached (finish) at 052.7 ft, 10 - 2 o'clock



[Grade 3] Lining Feature Detached at 058.0 ft, 11 - 2 o'clock



[Grade 3] Lining Feature Detached at 078.4 ft, 10 o'clock



[Grade 3] Lining Feature Detached at 084.9 ft, 11 o'clock



[Grade 3] Lining Feature Detached at 104.2 ft, 3 o'clock



[Grade 3] Lining Feature Detached at 106.4 ft, 3 o'clock



[Grade 3] Lining Feature Detached at 106.4 ft, 9 o'clock

Snapshots



[Grade 3] Lining Feature Detached at 108.8 ft, 3 o'clock



[Grade 3] Lining Feature Detached at 115.8 ft, 3 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 139.6 ft, 8 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 139.6 ft, 8 - 9 o'clock



[Grade 1] Vermin Cockroach at 145.4 ft



[Grade 3] Lining Feature Detached (start) at 146.9 ft, 9 o'clock



[Grade 3] Lining Feature Detached (finish) at 155.1 ft, 9 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 157.5 ft, 8 - 9 o'clock

Snapshots



[Grade 3] Lining Feature Detached at 170.6 ft, 9 o'clock



[Grade 1] Surface Spalling of Damage Coating at 176.4 ft, 9 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 189.4 ft, 8 - 4 o'clock



[Grade 3] Lining Feature Detached at 191.9 ft, 3 o'clock



[Grade 3] Lining Feature Detached at 237.4 ft, 1 - 2 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 250.8 ft, 8 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 250.8 ft, 9 o'clock



[Grade 3] Lining Feature Detached at 250.9 ft, 9 o'clock

Snapshots



[Grade 1] Surface Spalling of Damage Coating (finish) at 255.4 ft, 9 o'clock



[Grade 3] Lining Feature Detached at 256.0 ft, 9 o'clock



[Grade 1] Surface Spalling of Damage Coating at 259.9 ft, 3 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 285.6 ft, 9 - 10 o'clock



[Grade 3] Lining Feature Detached at 289.9 ft, 10 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 295.0 ft, 9 - 10 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 327.2 ft, 11 - 1 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 338.1 ft, 11 - 1 o'clock

Snapshots



[Grade 1] Surface Spalling of Damage Coating (start) at 347.3 ft, 10 - 2 o'clock



[Grade 1] Vermin Cockroach at 364.5 ft



[Grade 1] Vermin Cockroach at 377.7 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 390.5 ft



[Grade 3] Lining Feature Detached at 401.5 ft, 9 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 404.6 ft, 10 - 2 o'clock | Defect Wanders: 08 - 04



[Grade 1] Surface Spalling of Damage Coating (start) at 411.0 ft, 4 o'clock



[Grade 1] Vermin Cockroach at 415.9 ft

Snapshots



[Grade 1] Surface Spalling of Damage Coating (finish) at 418.3 ft, 4 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 418.3 ft, 10 - 4 o'clock



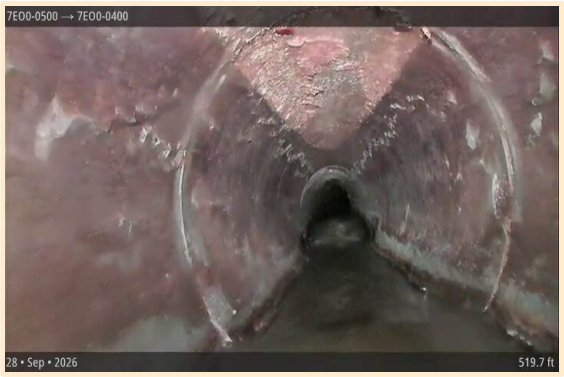
[Grade 1] Vermin Cockroach at 430.7 ft



[Grade 1] Vermin Cockroach at 441.8 ft | count estimated between 5 and 10



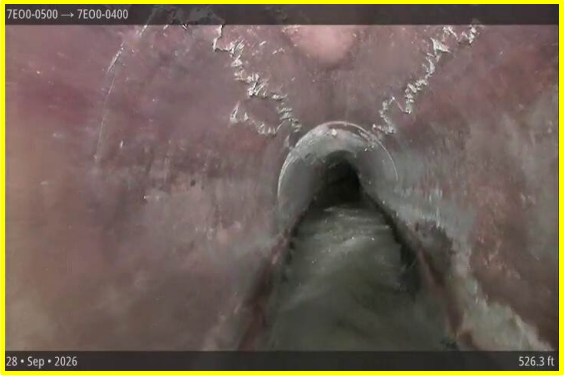
[Grade 1] Vermin Cockroach at 468.4 ft



[Grade 1] Vermin Cockroach at 519.7 ft | count estimated between 5 and 10



Miscellaneous Water Level at 520.8 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 526.3 ft

Snapshots



[Grade 3] Lining Feature Detached at 543.9 ft, 10 o'clock



[Grade 2] Miscellaneous Water Level Sag (finish) at 584.2 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 597.5 ft



[Grade 1] Vermin Cockroach at 617.5 ft



[Grade 1] Surface Spalling of Damage Coating (finish) at 629.8 ft, 10 - 4 o'clock | Defect Wanders: 08 - 02



[Grade 3] Joint Offset Medium at 629.8 ft



[Grade 2] Infiltration Weeper Joint at 629.8 ft, 3 - 4 o'clock



[Grade 2] Miscellaneous Water Level Sag (finish) at 631.8 ft

Snapshots



Miscellaneous Lining Change at 631.8 ft | Other (ZZ), cement mortar



Access Point Manhole at 631.8 ft | 7EO0-0400

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-0400-7EO0-0300
Upstream MH:	7EO0-0400
Downstream MH:	7EO0-0300

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	24 in (Circular)
Material:	Reinforced Concrete Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	588.3 ft

Location

Address:	18th Ave, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	Downstream heading South on 18th from Earl toeard Mariposa.

Project

Project:	SKF-18th Ave Sewer Cleaning And CCTV
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

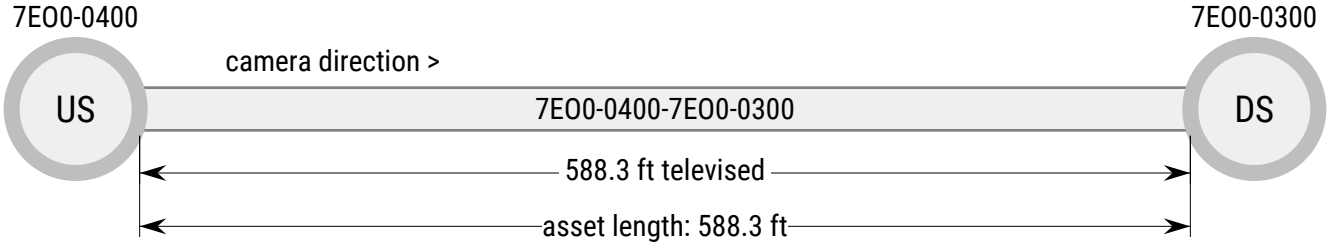
Media Date/Time:	16 • Sep • 2026 17:31
Surveyed By:	Michael Leon (U-1220-70400405)
Reviewed By:	
Camera Direction:	Downstream
Purpose:	Sewer System Evaluation Survey
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	588.3 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	3C2K	1C00	3C2K
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	216	24	240
Rating Index:	1.9	1	1.8

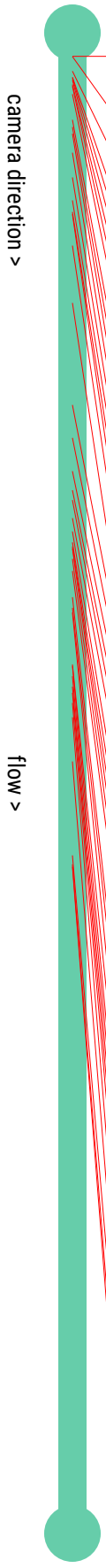
Consequence of Failure:

Summary



Observations

7EO0-0400

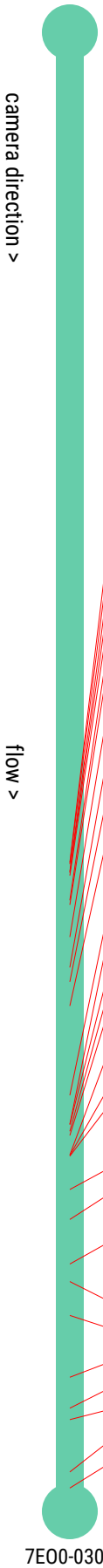


Feet	Code		Clock	Value	Grade	Description	Remarks
000.0	AMH					Access Point Manhole	7EO0-0400
	MWL			15%		Miscellaneous Water Level	
	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
000.1	MGO					Miscellaneous General Observation	counter jump or malfunction
006.0	MGO					Miscellaneous General Observation	initial counter adjustment
008.4	LFZ		9			Lining Feature Other	fissure or split in lining
008.8	MWLS	02		20%	2	Miscellaneous Water Level Sag	
009.6	VC				1	Vermin Cockroach	count estimated between 5 and 10
011.4	LFZ	03	9			Lining Feature Other	fissure or split in lining
012.1	VC				1	Vermin Cockroach	count estimated between 5 and 10
015.3	MGO					Miscellaneous General Observation	counter jump or malfunction
025.7	VC				1	Vermin Cockroach	count estimated between 5 and 10
028.6	VC				1	Vermin Cockroach	
031.3	VC				1	Vermin Cockroach	
039.0	VC				1	Vermin Cockroach	
049.0	VC				1	Vermin Cockroach	
058.3	VC				1	Vermin Cockroach	
063.0	VC				1	Vermin Cockroach	
063.9	LFZ	03	9			Lining Feature Other	fissure or split in lining
076.6	MWLS	02		20%	×14	Miscellaneous Water Level Sag	
	VC				1	Vermin Cockroach	
099.8	VC				1	Vermin Cockroach	
141.1	VC				1	Vermin Cockroach	
154.4	VC				1	Vermin Cockroach	
167.9	VC				1	Vermin Cockroach	
175.6	VC				1	Vermin Cockroach	
179.6	VC				1	Vermin Cockroach	
186.9	SSC	04	2		1	Surface Spalling of Damage Coating	
192.3	LFD		2		3	Lining Feature Detached	
196.7	MWLS	05		20%	2	Miscellaneous Water Level Sag	
198.4	LFD		2		3	Lining Feature Detached	
199.2	LFD		2		3	Lining Feature Detached	
203.4	LFD		2		3	Lining Feature Detached	
208.3	SSC	04	2		×4	Surface Spalling of Damage Coating	
	SSC		9		1	Surface Spalling of Damage Coating	
218.9	VC				1	Vermin Cockroach	
223.2	SSC	06	1 - 2		1	Surface Spalling of Damage Coating	
225.1	LFD		2		3	Lining Feature Detached	
246.1	MWLS	05		20%	×10	Miscellaneous Water Level Sag	
	MWLS	07		20%	2	Miscellaneous Water Level Sag	
246.8	LFD		12 - 1		3	Lining Feature Detached	
250.9	LFD		2		3	Lining Feature Detached	
255.1	LFD		2		3	Lining Feature Detached	
257.6	LFD		10 - 11		3	Lining Feature Detached	
261.7	SSC	06	1 - 2		×8	Surface Spalling of Damage Coating	Defect Wanders: 01 - 03
267.5	SSC		10 - 11		1	Surface Spalling of Damage Coating	
285.4	SSC		3		1	Surface Spalling of Damage Coating	
323.4	SSC	08	1 - 4		1	Surface Spalling of Damage Coating	
327.0	LFD		2		3	Lining Feature Detached	
328.0	LFD	09	2		3	Lining Feature Detached	

7EO0-0300

Observations (continued)

7EO0-0400



Feet	Code		Clock	Value	Grade	Description	Remarks
331.4	LFD	09	2			Lining Feature Detached	
332.1	LFD	10	3 - 5		3	Lining Feature Detached	
335.2	LFD		1 - 2		3	Lining Feature Detached	
335.6	LFD	10	3 - 5			Lining Feature Detached	
336.8	LFD	11	1 - 2		3	Lining Feature Detached	
346.9	LFD	11	1 - 2		×2	Lining Feature Detached	
348.8	SSC	08	1 - 4		×5	Surface Spalling of Damage Coating	Defect Wanders: 01 - 02
362.0	MWLS	07		20%	×23	Miscellaneous Water Level Sag	
	MWLS	12		20%	2	Miscellaneous Water Level Sag	
374.5	LFD		1 - 2		3	Lining Feature Detached	
	VC				1	Vermin Cockroach	
380.4	SSC		10 - 11		1	Surface Spalling of Damage Coating	
390.3	LFD		1 - 2		3	Lining Feature Detached	
	SSC		1 - 2		1	Surface Spalling of Damage Coating	
427.0	MWLS	12		20%	×13	Miscellaneous Water Level Sag	
438.9	SSC	13	1 - 3		1	Surface Spalling of Damage Coating	
439.1	MWL			25%		Miscellaneous Water Level	
441.8	LFD		3		3	Lining Feature Detached	
443.5	SSC	13	1 - 3			Surface Spalling of Damage Coating	
451.5	SSC		1 - 2		1	Surface Spalling of Damage Coating	
451.7	LFD		1 - 3		3	Lining Feature Detached	
452.0	LFD		9 - 11		3	Lining Feature Detached	
	SSC		10 - 11		1	Surface Spalling of Damage Coating	
465.7	VC				1	Vermin Cockroach	
478.0	SSC	14	1 - 2		1	Surface Spalling of Damage Coating	
496.3	SSC	14	1 - 2		×4	Surface Spalling of Damage Coating	
	LFD		1 - 2		3	Lining Feature Detached	
503.5	VC				1	Vermin Cockroach	
517.4	VC				1	Vermin Cockroach	
542.8	VC				1	Vermin Cockroach	
555.5	VC				1	Vermin Cockroach	
560.2	LFD		2 - 4		3	Lining Feature Detached	
581.7	VC				1	Vermin Cockroach	
588.3	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	SSC		9		1	Surface Spalling of Damage Coating	
	AMH					Access Point Manhole	7EO0-0300

Snapshots



Access Point Manhole at 000.0 ft | 7E00-0400



Miscellaneous Water Level at 000.0 ft



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



Miscellaneous General Observation at 000.1 ft | counter jump or malfunction



Miscellaneous General Observation at 006.0 ft | initial counter adjustment



Lining Feature Other at 008.4 ft, 9 o'clock | fissure or split in lining



[Grade 2] Miscellaneous Water Level Sag (start) at 008.8 ft



[Grade 1] Vermin Cockroach at 009.6 ft | count estimated between 5 and 10

Snapshots



Lining Feature Other at 011.4 ft, 9 o'clock | fissure or split in lining



[Grade 1] Vermin Cockroach at 012.1 ft | count estimated between 5 and 10



Miscellaneous General Observation at 015.3 ft | counter jump or malfunction



[Grade 1] Vermin Cockroach at 025.7 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 028.6 ft



[Grade 1] Vermin Cockroach at 031.3 ft



[Grade 1] Vermin Cockroach at 039.0 ft



[Grade 1] Vermin Cockroach at 049.0 ft

Snapshots



[Grade 1] Vermin Cockroach at 058.3 ft



[Grade 1] Vermin Cockroach at 063.0 ft



Lining Feature Other at 063.9 ft, 9 o'clock | fissure or split in lining



[Grade 2] Miscellaneous Water Level Sag (finish) at 076.6 ft



[Grade 1] Vermin Cockroach at 076.6 ft



[Grade 1] Vermin Cockroach at 099.8 ft



[Grade 1] Vermin Cockroach at 141.1 ft



[Grade 1] Vermin Cockroach at 154.4 ft

Snapshots



[Grade 1] Vermin Cockroach at 167.9 ft



[Grade 1] Vermin Cockroach at 175.6 ft



[Grade 1] Vermin Cockroach at 179.6 ft



[Grade 1] Surface Spalling of Damage Coating (start) at 186.9 ft, 2 o'clock



[Grade 3] Lining Feature Detached at 192.3 ft, 2 o'clock



[Grade 2] Miscellaneous Water Level Sag (start) at 196.7 ft



[Grade 3] Lining Feature Detached at 198.4 ft, 2 o'clock



[Grade 3] Lining Feature Detached at 199.2 ft, 2 o'clock

Snapshots



[Grade 3] Lining Feature Detached at 203.4 ft, 2 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 208.3 ft, 2 o'clock



[Grade 1] Surface Spalling of Damage Coating at 208.3 ft, 9 o'clock



[Grade 1] Vermin Cockroach at 218.9 ft



[Grade 1] Surface Spalling of Damage Coating (start) at 223.2 ft, 1 - 2 o'clock



[Grade 3] Lining Feature Detached at 225.1 ft, 2 o'clock



[Grade 2] Miscellaneous Water Level Sag (finish) at 246.1 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 246.1 ft

Snapshots



[Grade 3] Lining Feature Detached at 246.8 ft, 12 - 1 o'clock



[Grade 3] Lining Feature Detached at 250.9 ft, 2 o'clock



[Grade 3] Lining Feature Detached at 255.1 ft, 2 o'clock



[Grade 3] Lining Feature Detached at 257.6 ft, 10 - 11 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 261.7 ft, 1 - 2 o'clock | Defect Wanders: 01 - 03



[Grade 1] Surface Spalling of Damage Coating at 267.5 ft, 10 - 11 o'clock



[Grade 1] Surface Spalling of Damage Coating at 285.4 ft, 3 o'clock



[Grade 1] Surface Spalling of Damage Coating (start) at 323.4 ft, 1 - 4 o'clock

Snapshots



[Grade 3] Lining Feature Detached at 327.0 ft, 2 o'clock



[Grade 3] Lining Feature Detached (start) at 328.0 ft, 2 o'clock



[Grade 3] Lining Feature Detached (finish) at 331.4 ft, 2 o'clock



[Grade 3] Lining Feature Detached (start) at 332.1 ft, 3 - 5 o'clock



[Grade 3] Lining Feature Detached at 335.2 ft, 1 - 2 o'clock



[Grade 3] Lining Feature Detached (finish) at 335.6 ft, 3 - 5 o'clock



[Grade 3] Lining Feature Detached (start) at 336.8 ft, 1 - 2 o'clock



[Grade 3] Lining Feature Detached (finish) at 346.9 ft, 1 - 2 o'clock

Snapshots



[Grade 1] Surface Spalling of Damage Coating (finish) at 348.8 ft, 1 - 4 o'clock | Defect Wanders: 01 - 02



[Grade 2] Miscellaneous Water Level Sag (finish) at 362.0 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 362.0 ft



[Grade 3] Lining Feature Detached at 374.5 ft, 1 - 2 o'clock



[Grade 1] Vermin Cockroach at 374.5 ft



[Grade 1] Surface Spalling of Damage Coating at 380.4 ft, 10 - 11 o'clock



[Grade 3] Lining Feature Detached at 390.3 ft, 1 - 2 o'clock



[Grade 1] Surface Spalling of Damage Coating at 390.3 ft, 1 - 2 o'clock

Snapshots



[Grade 2] Miscellaneous Water Level Sag (finish) at 427.0 ft



[Grade 1] Surface Spalling of Damage Coating (start) at 438.9 ft, 1 - 3 o'clock



Miscellaneous Water Level at 439.1 ft



[Grade 3] Lining Feature Detached at 441.8 ft, 3 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 443.5 ft, 1 - 3 o'clock



[Grade 1] Surface Spalling of Damage Coating at 451.5 ft, 1 - 2 o'clock



[Grade 3] Lining Feature Detached at 451.7 ft, 1 - 3 o'clock



[Grade 3] Lining Feature Detached at 452.0 ft, 9 - 11 o'clock

Snapshots



[Grade 1] Surface Spalling of Damage Coating at 452.0 ft, 10 - 11 o'clock



[Grade 1] Vermin Cockroach at 465.7 ft



[Grade 1] Surface Spalling of Damage Coating (start) at 478.0 ft, 1 - 2 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 496.3 ft, 1 - 2 o'clock



[Grade 3] Lining Feature Detached at 496.3 ft, 1 - 2 o'clock



[Grade 1] Vermin Cockroach at 503.5 ft



[Grade 1] Vermin Cockroach at 517.4 ft



[Grade 1] Vermin Cockroach at 542.8 ft

Snapshots



[Grade 1] Vermin Cockroach at 555.5 ft



[Grade 3] Lining Feature Detached at 560.2 ft, 2 - 4 o'clock



[Grade 1] Vermin Cockroach at 581.7 ft



Miscellaneous Lining Change at 588.3 ft | Other (ZZ), cement mortar



[Grade 1] Surface Spalling of Damage Coating at 588.3 ft, 9 o'clock



Access Point Manhole at 588.3 ft | 7EO0-0300

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
(559) 276-0186 • visfresno.com

Asset

Owner:	
PSR:	7EO0-0300-7EO0-0200
Upstream MH:	7EO0-0300
Downstream MH:	7EO0-0200

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	24 in (Circular)
Material:	Reinforced Concrete Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	108.5 ft

Location

Address:	18th Ave, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	Downstream heading South on 18th towards Mariposa.

Project

Project:	SKF-18th Ave Sewer Cleaning And CCTV
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

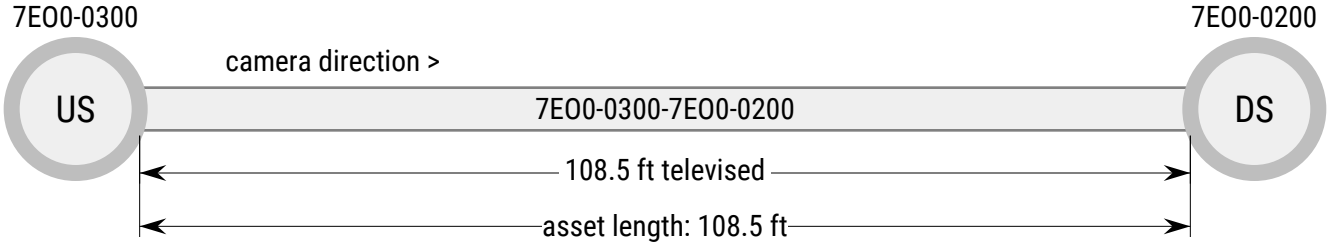
Media Date/Time:	16 • Sep • 2026 17:57
Surveyed By:	Michael Leon (U-1220-70400405)
Reviewed By:	
Camera Direction:	Downstream
Purpose:	Sewer System Evaluation Survey
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	108.5 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	3213	1800	321A
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	9	8	17
Rating Index:	1.8	1	1.3

Consequence of Failure:

Summary



Observations

7EO0-0300

camera direction >

flow >

Feet	Code		Clock	Value	Grade	Description	Remarks
000.0	AMH					Access Point Manhole	7EO0-0300
	MWL			20%		Miscellaneous Water Level	
	SSC		9 - 10		1	Surface Spalling of Damage Coating	
	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
006.2	LFD		9		3	Lining Feature Detached	
006.8	SSC		9		1	Surface Spalling of Damage Coating	
007.7	VC				1	Vermin Cockroach	
021.6	SSC	02	2 - 4		1	Surface Spalling of Damage Coating	
	LFD	03	2 - 4		3	Lining Feature Detached	
027.8	LFD	03	2 - 4			Lining Feature Detached	
028.5	SSC	02	2 - 4			Surface Spalling of Damage Coating	
039.1	VC				1	Vermin Cockroach	
049.9	VC				1	Vermin Cockroach	
075.8	MWL			35%		Miscellaneous Water Level	
	VC				1	Vermin Cockroach	
087.2	VC				1	Vermin Cockroach	
092.1	VC				1	Vermin Cockroach	
099.9	VC				1	Vermin Cockroach	count estimated between 5 and 10
103.1	MWL			15%		Miscellaneous Water Level	
	VC				1	Vermin Cockroach	
108.5	MLC	01				Miscellaneous Lining Change	Other (ZZ), cement mortar
	AMH					Access Point Manhole	7EO0-0200

7EO0-0200

Snapshots



Access Point Manhole at 000.0 ft | 7E00-0300



Miscellaneous Water Level at 000.0 ft



[Grade 1] Surface Spalling of Damage Coating at 000.0 ft, 9 - 10 o'clock



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



[Grade 3] Lining Feature Detached at 006.2 ft, 9 o'clock



[Grade 1] Surface Spalling of Damage Coating at 006.8 ft, 9 o'clock



[Grade 1] Vermin Cockroach at 007.7 ft



[Grade 1] Surface Spalling of Damage Coating (start) at 021.6 ft, 2 - 4 o'clock

Snapshots



[Grade 3] Lining Feature Detached (start) at 021.6 ft, 2 - 4 o'clock



[Grade 3] Lining Feature Detached (finish) at 027.8 ft, 2 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 028.5 ft, 2 - 4 o'clock



[Grade 1] Vermin Cockroach at 039.1 ft



[Grade 1] Vermin Cockroach at 049.9 ft



Miscellaneous Water Level at 075.8 ft



[Grade 1] Vermin Cockroach at 075.8 ft



[Grade 1] Vermin Cockroach at 087.2 ft

Snapshots



[Grade 1] Vermin Cockroach at 092.1 ft



[Grade 1] Vermin Cockroach at 099.9 ft | count estimated between 5 and 10



Miscellaneous Water Level at 103.1 ft



[Grade 1] Vermin Cockroach at 103.1 ft



Miscellaneous Lining Change at 108.5 ft | Other (ZZ), cement mortar



Access Point Manhole at 108.5 ft | 7EO0-0200

Video Inspection Specialists
5105 E Belmont Ave
Fresno, CA 93727
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Asset

Owner:	
PSR:	7EO0-0200-7EO0-0100
Upstream MH:	7EO0-0200
Downstream MH:	7EO0-0100

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	24 in (Circular)
Material:	Vitrified Clay Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	(unspecified)

Location

Address:	18th Ave, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	Upstreamheading North from Lift. This is a reverse inspection to complete line segment.

Project

Project:	18th Ave Cleaning & CCTV
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

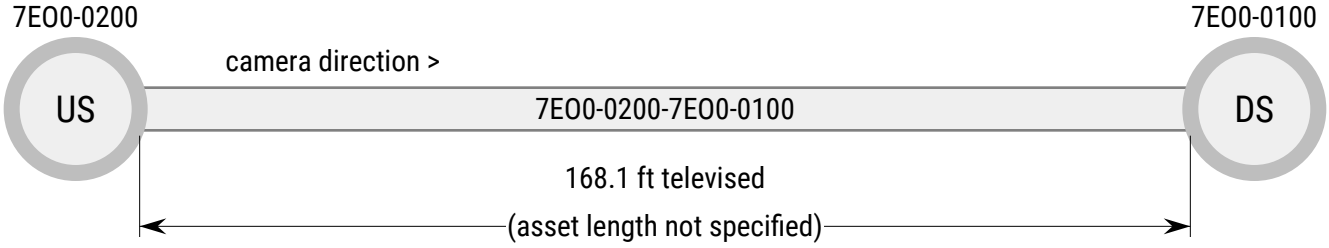
Media Date/Time:	28 • Sep • 2026 18:13
Surveyed By:	Michael Leon (U-1220-70400405)
Reviewed By:	
Camera Direction:	Downstream
Purpose:	Sewer System Evaluation Survey
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	168.1 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	312E	3100	322E
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	72	3	75
Rating Index:	1.9	3	1.9

Consequence of Failure:

Summary



Observations

7EO0-0200

camera direction >

flow >

Feet	Code	Clock	Value	Grade	Description	Remarks
000.0	AMH				Access Point Manhole	7EO0-0200
	MWL		10%		Miscellaneous Water Level	
	MWLS	01	20%	2	Miscellaneous Water Level Sag	
	MGO				Miscellaneous General Observation	material in header can not be identified at any point in the pipe
	MMC				Miscellaneous Material Change	RCP
	MLC	02			Miscellaneous Lining Change	Other (ZZ), cement mortar
005.0	MGO				Miscellaneous General Observation	initial counter adjustment
	SSC	03 8 - 9		1	Surface Spalling of Damage Coating	
	SSC	04 3 - 4		1	Surface Spalling of Damage Coating	
010.4	SSC	03 8 - 9			Surface Spalling of Damage Coating	
	SSC	04 3 - 4			Surface Spalling of Damage Coating	
081.9	LFD	05 8 - 9		3	Lining Feature Detached	
086.7	LFD	05 8 - 9			Lining Feature Detached	
092.8	SSC	3 - 4		1	Surface Spalling of Damage Coating	
101.8	SSC	8 - 9		1	Surface Spalling of Damage Coating	
116.2	SSC	8 - 10		1	Surface Spalling of Damage Coating	
160.6	MWLS	01	20%	×32	Miscellaneous Water Level Sag	
167.7	OBZ	4 - 8	20%	3	Obstruction Other	object in invert
168.1	MLC	02			Miscellaneous Lining Change	Other (ZZ), cement mortar
	MSA				Miscellaneous Survey Abandoned	obstruction, see separate defect code for details no reversal survey, reason: not evident

7EO0-0100

Snapshots



Access Point Manhole at 000.0 ft | 7E00-0200



Miscellaneous Water Level at 000.0 ft



[Grade 2] Miscellaneous Water Level Sag (start) at 000.0 ft



Miscellaneous General Observation at 000.0 ft | material in header can not be identified at any point in



Miscellaneous Material Change at 000.0 ft | RCP



Miscellaneous Lining Change at 000.0 ft | Other (ZZ), cement mortar



Miscellaneous General Observation at 005.0 ft | initial counter adjustment



[Grade 1] Surface Spalling of Damage Coating (start) at 005.0 ft, 8 - 9 o'clock

Snapshots



[Grade 1] Surface Spalling of Damage Coating (start) at 005.0 ft, 3 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 010.4 ft, 3 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating (finish) at 010.4 ft, 8 - 9 o'clock



[Grade 3] Lining Feature Detached (start) at 081.9 ft, 8 - 9 o'clock



[Grade 3] Lining Feature Detached (finish) at 086.7 ft, 8 - 9 o'clock



[Grade 1] Surface Spalling of Damage Coating at 092.8 ft, 3 - 4 o'clock



[Grade 1] Surface Spalling of Damage Coating at 101.8 ft, 8 - 9 o'clock



[Grade 1] Surface Spalling of Damage Coating at 116.2 ft, 8 - 10 o'clock

Snapshots



[Grade 2] Miscellaneous Water Level Sag (finish) at 160.6 ft



[Grade 3] Obstruction Other at 167.7 ft, 4 - 8 o'clock | object in invert



Miscellaneous Lining Change at 168.1 ft | Other (ZZ), cement mortar



Miscellaneous Survey Abandoned at 168.1 ft | obstruction, see separate defect code for details

Video Inspection Specialists
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Fresno, CA 93727
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Asset

Owner:	
PSR:	7EO0-0200-7EO0-0100
Upstream MH:	7EO0-0200
Downstream MH:	7EO0-0100

	USMH	DSMH
Rim to Invert:		
Rim to Grade:		

Pipe Geometry:	24 in (Circular)
Material:	Vitrified Clay Pipe
Lining Method:	
Coating Method:	
Year Constructed:	
Pipe Use:	Sanitary Sewage Pipe
Total Length:	(unspecified)

Location

Address:	18th Ave, KINGSBURG
Drainage Area:	

Latitude:		
Longitude:		
Elevation:		

GPS Accuracy:	
Location Code:	
Location Details:	Upstreamheading North from Lift. This is a reverse inspection to complete line segment.

Project

Project:	18th Ave Cleaning & CCTV
Work Order:	
Customer:	SKF
PO Number:	
Additional Info:	

Inspection

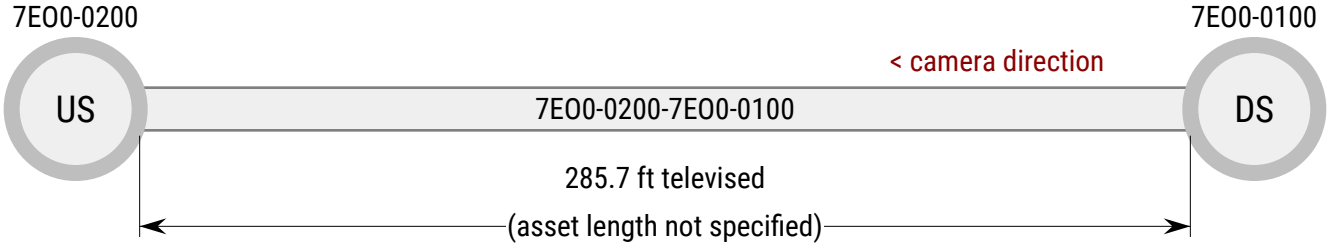
Media Date/Time:	28 • Sep • 2026 18:51
Surveyed By:	Michael Leon (U-1220-70400405)
Reviewed By:	
Camera Direction:	Upstream
Purpose:	Sewer System Evaluation Survey
Technology:	
Pre-Cleaning:	Heavy Cleaning
Date Cleaned:	
Flow Control:	
Length Surveyed:	285.7 ft
Weather:	

Ratings

	Structural	O & M	Overall
Quick:	2100	411C	4121
$\sum_{i=1}^{5} SG_i$ Pipe Rating:	2	26	28
Rating Index:	2	1.1	1.2

Consequence of Failure:

Summary



Observations

7EO0-0200

Feet	Code	Clock	Value	Grade	Description	Remarks
285.7	MSA				Miscellaneous Survey Abandoned	obstruction, see separate defect code for details no reversal survey, reason: not evident
285.6	OBM	4 - 8	25%	4	Obstruction Pipe Material in Invert	
278.0	VC			1	Vermin Cockroach	
264.7	VC			1	Vermin Cockroach	
252.1	VC			1	Vermin Cockroach	
238.3	SSS	12		2	Surface Spalling of Damage Coating	
229.4	VC			1	Vermin Cockroach	
202.1	VC			1	Vermin Cockroach	
189.4	VC			1	Vermin Cockroach	
161.7	VC			1	Vermin Cockroach	
153.6	VC			1	Vermin Cockroach	
140.9	VC			1	Vermin Cockroach	
117.9	VC			1	Vermin Cockroach	
105.6	VC			1	Vermin Cockroach	
092.9	VC			1	Vermin Cockroach	
080.1	VC			1	Vermin Cockroach	count estimated between 5 and 10
066.1	VC			1	Vermin Cockroach	
053.3	VC			1	Vermin Cockroach	
049.1	VC			1	Vermin Cockroach	
045.8	VC			1	Vermin Cockroach	
031.3	VC			1	Vermin Cockroach	
027.9	VC			1	Vermin Cockroach	count estimated between 5 and 10
013.9	VC			1	Vermin Cockroach	count estimated between 11 and 50
008.4	VC			1	Vermin Cockroach	count estimated between 5 and 10
005.9	VC			1	Vermin Cockroach	
005.0	MGO				Miscellaneous General Observation	initial counter adjustment
004.9	MWL		25%		Miscellaneous Water Level	
000.0	MWL		0%		Miscellaneous Water Level	
	AZ				Access Point Other	7EO0-0100 access point type not evident

< flow >

camera direction >

7EO0-0100

Snapshots



Miscellaneous Survey Abandoned at 285.7 ft | obstruction, see separate defect code for details



[Grade 4] Obstruction Pipe Material in Invert at 285.6 ft, 4 - 8 o'clock



[Grade 1] Vermin Cockroach at 278.0 ft



[Grade 1] Vermin Cockroach at 264.7 ft



[Grade 1] Vermin Cockroach at 252.1 ft



[Grade 2] Surface Spalling of Damage Coating at 238.3 ft, 12 o'clock



[Grade 1] Vermin Cockroach at 229.4 ft



[Grade 1] Vermin Cockroach at 202.1 ft

Snapshots



[Grade 1] Vermin Cockroach at 189.4 ft



[Grade 1] Vermin Cockroach at 161.7 ft



[Grade 1] Vermin Cockroach at 153.6 ft



[Grade 1] Vermin Cockroach at 140.9 ft



[Grade 1] Vermin Cockroach at 117.9 ft



[Grade 1] Vermin Cockroach at 105.6 ft



[Grade 1] Vermin Cockroach at 092.9 ft



[Grade 1] Vermin Cockroach at 080.1 ft | count estimated between 5 and 10

Snapshots



[Grade 1] Vermin Cockroach at 066.1 ft



[Grade 1] Vermin Cockroach at 053.3 ft



[Grade 1] Vermin Cockroach at 049.1 ft



[Grade 1] Vermin Cockroach at 045.8 ft



[Grade 1] Vermin Cockroach at 031.3 ft



[Grade 1] Vermin Cockroach at 027.9 ft | count estimated between 5 and 10



[Grade 1] Vermin Cockroach at 013.9 ft | count estimated between 11 and 50



[Grade 1] Vermin Cockroach at 008.4 ft | count estimated between 5 and 10

Snapshots



[Grade 1] Vermin Cockroach at 005.9 ft



Miscellaneous General Observation at 005.0 ft | initial counter adjustment



Miscellaneous Water Level at 004.9 ft



Access Point Other at 000.0 ft | 7EO0-0100 access point type not evident



Miscellaneous Water Level at 000.0 ft