

AGENDA REQUEST AND SUMMARY

For: 1/21/20 (Date of Board Meeting)
_____ (Time, if appointment scheduled with the Clerk)

Consent Calendar: Yes _____ No X
Public Hearing: Yes _____ No X

1. **WORDING FOR AGENDA** (Including precise wording for required action, authorizing, etc. as it will appear on the Board Agenda, generally not to exceed 20 words).

Considering the selection of Groveland Community Services District Water Improvement Project (\$3,267,500) for the County's 2019/2020 Community Development Block Grant application

2. **FINANCING – ESTIMATED COUNTY COST:** (Enter "none" if no cost)
none

3. **FUNDS BUDGETED:** Yes _____ Acct. # or Fund _____ No _____
Requested from _____

4. **REVIEW WITH:** COUNTY ADMINISTRATIVE OFFICER -- YES X NO _____
COUNTY COUNSEL -- YES _____ NO _____
ADMINISTRATIVE ANALYST -- YES X NO _____
OTHER DEPARTMENTS (LIST) _____

5. **FOLLOWING OUTSIDE AGENCIES OR INDIVIDUALS TO BE NOTIFIED OF BOARD ACTION:** (Minute Excerpt – Include complete mailing address and indicate number of copies to whom)

- A. _____
- B. _____
- C. _____
- D. _____

6. **NUMBER OF COPIES REQUIRED BY REQUESTING DEPARTMENT:**

7. **COMMENTS** (i.e. has this item come before the Board previously and when?) _____

Requesting Department: Administration Submitted by: Maureen Frank
Approved by: [Signature] Date: January 7, 2020
(Department Head Signature)

Special Instructions:

Original Agenda Request and 1 copy of Backup stapled for the Clerk
Agenda Request and Backup: 8 copies paper clipped and three hole punched
Backup: 7 copies stapled

Revised: 8\03



County Administrator's Office


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County Administrator

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Eric Erhardt
Assistant County Administrator

Maureen Frank
Deputy County Administrator

January 7, 2020

TO: Tuolumne County Board of Supervisors
FROM:  Maureen Frank, Deputy County Administrator
SUBJECT: **CDBG Selection of Projects for 2019/20 CDBG Cycle**

On November 19, 2019 your Board held a public hearing to set priorities for 2019/2020 cycle of Community Development Block Grant (CDBG) projects. The amount available statewide will be approximately \$60,000,000.

The major activity categories included in the Notice of Funding Availability (NOFA) are homeownership assistance, housing rehabilitation, community facility, public work projects, business assistance and microenterprise activities, planning studies and public service programs. Eligible activities paid for with state CDBG funds must meet one or more of the three national objectives listed in CDBG federal statutes as follows:

- benefit to low income households or persons,
- elimination of slums and blight, or
- meeting urgent community development need (a need from a state or federally declared disaster).

Because the County was awarded funding in 2018 for Food Bank and Housing Stabilization activities, it will not be allowed to apply for these types of programs in 2020. The County will be allowed to apply for public works type projects.

Your Board authorized staff to issue a Call for Projects to take requests from County residents, agencies and community groups. The Call for Projects was posted on the County website on November 15, 2019 and a notice was published in the Union Democrat on November 28, 2019. A public meeting was held on December 2, 2019 to answer questions regarding submittal requirements. The following two requests were received:

GCS D	Water Improvements	\$3,267,500
JSD	Wastewater Force Main	\$2,013,201

We support the Board of Supervisors in achieving their goals through service and collaboration with County Departments and the Community.

the water system improvements proposed by Groveland Community Services District (GCSD) would benefit approximately 685 persons in the communities of Groveland and Big Oak Flat. This is the oldest portion of GCSD's water system.

Jamestown Sanitary District (JSD) has proposed to replace the existing 42-year-old wastewater force main with a new one that meets current State standards. The existing line is deteriorated and is located right next to Woods Creek, a drinking water source for Modesto. This project would benefit all residents of the community of Jamestown, approximately 3,500 people.

Both projects mainly benefit lower income persons. Both appear to be able to meet the requirements to be "shovel ready" proposed in the new NOFA. As a result, it was difficult for staff to make a recommendation. GCSD was selected primarily because it had never received CDBG assistance. JSD had received CDBG assistance recently. The final 2019/20 CDBG Grant application will come back before the Board at another public hearing prior to submission.

Recommendation

Staff recommends that your Board select the Groveland Community Services District Water Improvement Project for the County's 2019/20 CDBG Grant Application.

Attachments

- Groveland Community Services District Call for Project Application
- Jamestown Sanitary District Call for Project Application

C. Pete Kampa, Groveland Community Services District
Patricia Ingalls, Jamestown Sanitary District

**TUOLUMNE COUNTY
COMMUNITY DEVELOPMENT BLOCK GRANT
GENERAL ALLOCATION
CALL FOR PROJECTS
2019/2020**

Public Works or Community Facilities

Name of Project Proponent Groveland Community Services District

Contact Person: Peter Kampa

Address: 18966 Ferretti Road

Phone: 209-962-7161

Email Address: pkampa@gcsd.org

Project Name: GCS D Water System Improvements

Total Cost: \$3,267,500.00

CDBG Funds requested: \$3,267,500.00

of Beneficiaries: 685

Only one project may be included per application. Water and sewer projects may not be combined.

1. Describe the serious health and safety need addressed by your project. How will you document this?

The water distribution system serving the communities of downtown Groveland and Big Oak Flat are the oldest sections of the water distribution system within GCS D's Service Area; constructed primarily between the 1940's and 1960's. The water distribution system in downtown Groveland and Big Oak Flat are operated as a standalone system with its own water treatment plant and distribution system; separate from the treatment plant and distribution system serving Pine Mountain Lake customers.

Most of the water distribution pipelines that supply water to the communities of Groveland and Big Oak Flat are 4" in diameter or smaller, made of inferior, failing materials and installed with poor construction techniques. Frequent main breaks occur in these areas, causing large amounts of water to be lost, property damage and back siphon conditions to occur. Backflow and back siphonage of contaminated water, caused by water main breaks are a significant risk to the health and safety of the community. Constant water loss is also occurring through small unidentified leaks in the distribution system due its deteriorated condition. The Groveland and Big Oak Flat system is currently in a condition where an increase in catastrophic water main failure is occurring, resulting in more frequent, longer water outages.

Serious water system deficiencies were identified in the GCS D 2001 Water Master Plan. Modeling of the water distribution system indicated that the existing infrastructure was unable to supply fire flows primarily due to the undersized pipes. Modeling results were also confirmed by Fire Hydrant Test Results and system pressure monitoring, where it was discovered that the core of the community of downtown Groveland and Big Oak Flat had zero or negative pressure during fire flow conditions in portions of the water mains. Due to the high cost of water system improvements and very low income of the community, water rate revenue was not adequate to fund the cost of improvements to meet minimal fire flow standards and domestic water needs.

Groveland and Big Oak Flat are located in a very high fire hazard zone, along the busy Hwy 120 corridor and entrance to Yosemite National Park. Many thousands of visitors pass through, stop and visit Groveland and Big Oak Flat on a daily basis. This high tourist load coupled with the inability to provide adequate water flow for firefighting is of extreme concern to the District; which also operates the fire department in the region.

GCSO needs to address this important compliance deficiency and be able to provide reliable, adequate pressure and flow for drinking, sanitation and fire suppression. Groveland and Big Oak Flat are Severely Disadvantaged Communities (SDACs) within GCSO's service area and cannot afford the cost of the water distribution system improvements needed to correct this situation. The 2001 Water Master Plan, water leak records and state laws and regulations will be used to provide the documentation of the serious health and safety need for the project.

2. Projects must predominantly benefit lower income persons (less than 80% of County median income). Indicate the number of persons/households who will benefit within the 2-year grant award period. Indicate how many proposed beneficiaries will be in the targeted income group.

The proposed project serves a distinct, separate water system within the GCSO, and its benefit area includes 685 Low/Mod persons, all of which are in the targeted income group.

3. Attach a map of your proposed target area showing your proposed improvements, beneficiaries and identifying the boundaries of the census block groups. Go to the link listed in Appendix H (attached) to determine the number of lower income persons residing in each affected block group. If there are less than 51% Low/Mod persons in any block group, a CDBG income survey will be required to document that the project meets the CDBG income eligibility requirements. If a CDBG income survey has been completed for the service area, and is not yet 5 years old, please attach the survey results to document income eligibility.

Figures 1, 2, and 3 enclosed shows the proposed water main replacements, the beneficiaries and the boundaries of the census blocks. All the improvements are located within lo/mod areas that contain more than 65% Lod/Mod persons.

3a. For Community Facility projects, include a map of your service area and describe your income certification process.

N/A

4. How does the proposed project resolve the problem identified in #1? How will you document this?

This project will address water system deficiencies identified in the GCSO 2001 Water Master Plan and 2019 Downtown Groveland/Big Oak Flat Water System Improvement Plan by improving the existing water distribution system in downtown Groveland and Big Oak Flat; allowing delivery of reliable water supply that meets the sanitation, drinking and firefighting water standards and customer expectations. The proposed project will replace water lines that are too small, leak and experience frequent breaks. The project will also provide fire flow to portions of the system that are currently unable to meet fire demands. Flow testing will be performed to document the project's increase in water system capability to meet fire flow standards, and leakage rates, outages and water loss data will be evaluated to show improvements to system reliability.

5. Projects must have completed CEQA and HCD NEPA environmental review by the application due date. Describe the status of environmental review for this project.

Project plans and specifications have been completed and accepted by the state. By January 2020, the additional documents required by HCD and/or CDBG will be included to the completed specifications. A Mitigated Negative Declaration that also addresses federal cross-cutters (biological study, archeological investigation, air emissions, cultural and Native American resources) was completed and adopted by the GCSD Board of Directors on November 13, 2018. Additional NEPA documentation required to comply with HCD NEPA is being prepared and will be completed by February, 2020.

6. Projects should have other money necessary to complete the proposed project. Attach a detailed project budget showing the status of all other funding sources. Indicate the beginning and ending dates for any grants or loans from other funding agencies.

The downtown Groveland/Big Oak Flat Water Distribution System Improvements proposed for CDBG funding is a standalone project to be funded entirely within the proposed project budget. In the event of project cost over runs, District water enterprise funds will be used to complete all described work. GCSD is also applying for the Drinking Water State Revolving Fund (DWSRF) and USDA to complete other much needed water improvements including systemwide water meter upgrades and distribution system improvements in a higher income section of GCSD served by a different water system and clearwell/water tank improvements. Although these applications have not yet been approved, GCSD anticipates funding agreements will be available for these other projects sometime in 2020. Confirmation about the availability of funds has not yet been received. A detailed project budget is attached.

7. Applicants must have all site control. What site control is required for your project and what is your documentation?

GCSD has site control for the entire project. The proposed water system improvements will be within recorded public rights of way or within existing easements deeded to the District for the existing distribution system.

8. Projects must be implemented by an experienced provider. Describe your agency's history and capacity to complete the proposed project.

GCSD has been providing services to Groveland and Big Oak Flat since 1953. Over the years, GCSD has received funding and executed numerous water and sewer projects including main replacements and water treatment plants. GCSD has the technical and managerial capacity to administer the CDBG should it be awarded.

9. What permits are required for this project and what is the status of each?

An encroachment permit will be required for sections of bore and jack under Highway 120 through Caltrans ROW. GCSD has started the encroachment permit process and is expected to be completed by the end of February of 2020. The project plans and specifications have been reviewed and approved by Drinking Water Division of the State Water Board.

10. Include a timeline for the proposed CDBG project and any other sources of funding.

CDBG funds will complete the project in its entirety and any cost over runs above the CDBG grant amount will be funded from GCSD sewer enterprise funds. Funding in the amount of \$500,000 was received from the Drinking Water State Revolving Fund of the State Water Board for the planning, design and permitting work for this project. The following table contains an estimated timeline for the proposed project:

Milestone	Time to Complete After Funding Awarded
Project Advertisement	2 months
Bid Opening	3 months
Project Award	3 months
Issue Notice to Proceed	4 months
Construction Complete	18 months
Final Funding Disbursement Request	20 months

11. What will happen if the funding is not provided?

If funding for this project is not obtained from the CDBG, GCSD will proceed with State and Federal funding applications, and other water quality and water supply reliability projects will need to be deferred into the future. In the meantime, water losses and service interruptions will continue at GCSD. Fire protection will not be adequate until the water mains are installed which makes the poorest portions of the community extremely vulnerable to wildfires.

GROVELAND COMMUNITY SERVICES DISTRICT



LEGEND

- GCSD SERVICE AREA BOUNDARY
- CENSUS BLOCK GROUP BOUNDARY
- BLOCK GROUP 1 LOW/MOD INCOME 65%
- BLOCK GROUP 2 LOW/MOD INCOME 33%
- BLOCK GROUP 3 LOW/MOD INCOME 40%

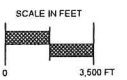
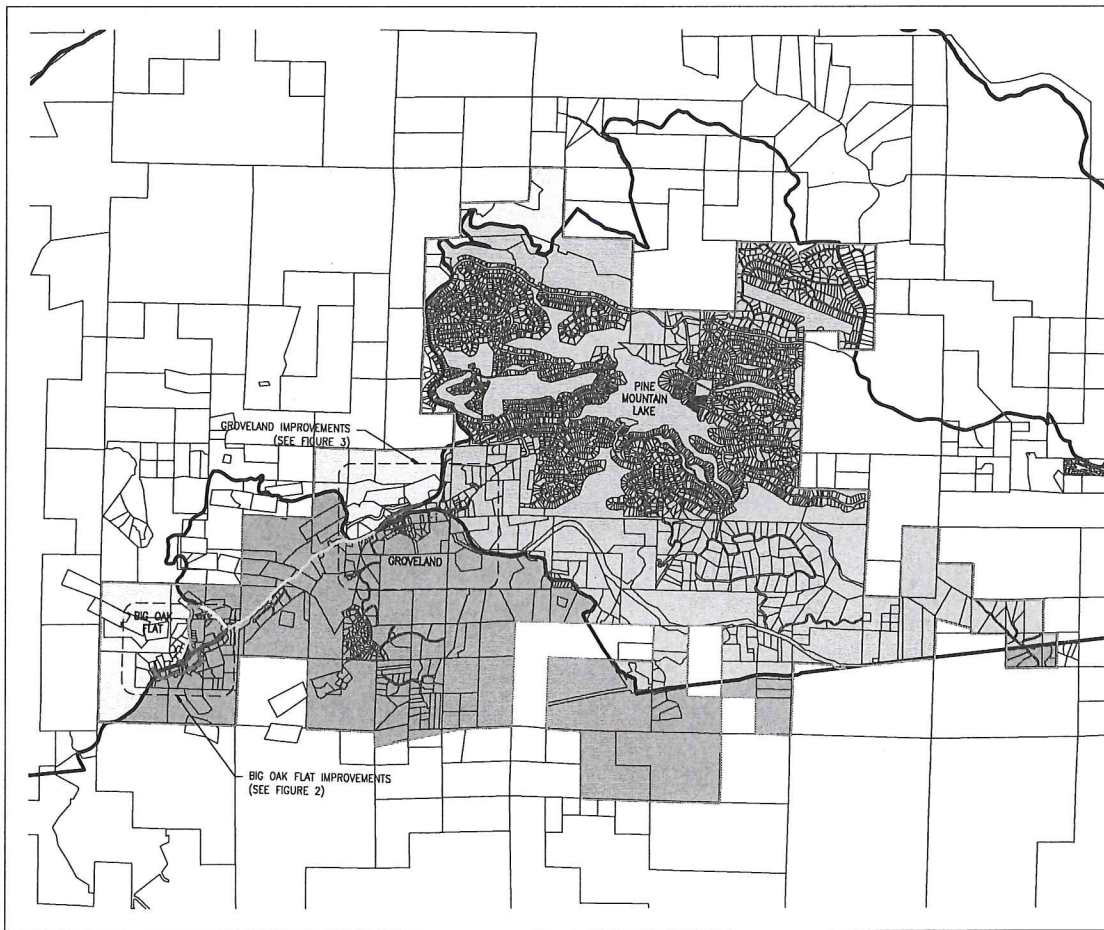












FIGURE 1
CDBG APPLICATION
HUD LOW/MOD BENEFIT AREAS



GROVELAND COMMUNITY SERVICES DISTRICT



LEGEND

-  GCSO SERVICE AREA BOUNDARY
-  CENSUS BLOCK GROUP BOUNDARY
-  BLOCK GROUP 1 LOW/MOD INCOME 65%
-  BLOCK GROUP 3 LOW/MOD INCOME 60%
-  LINE 1 (x 2,594 LF 8" MAIN)
-  LINE 2 (x 1,507 LF 8" MAIN)
-  LINE 3 (x 583 LF 8" MAIN)
-  LINE 4 (x 3,109 LF 8" MAIN)
-  LINE 5 (x 3,109 LF 8" MAIN)
-  LINE 6 (x 7,431 LF 8" MAIN)



SCALE IN FEET

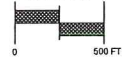


FIGURE 2
BIG OAK FLAT WATER IMPROVEMENTS



GROVELAND COMMUNITY SERVICES DISTRICT



LEGEND

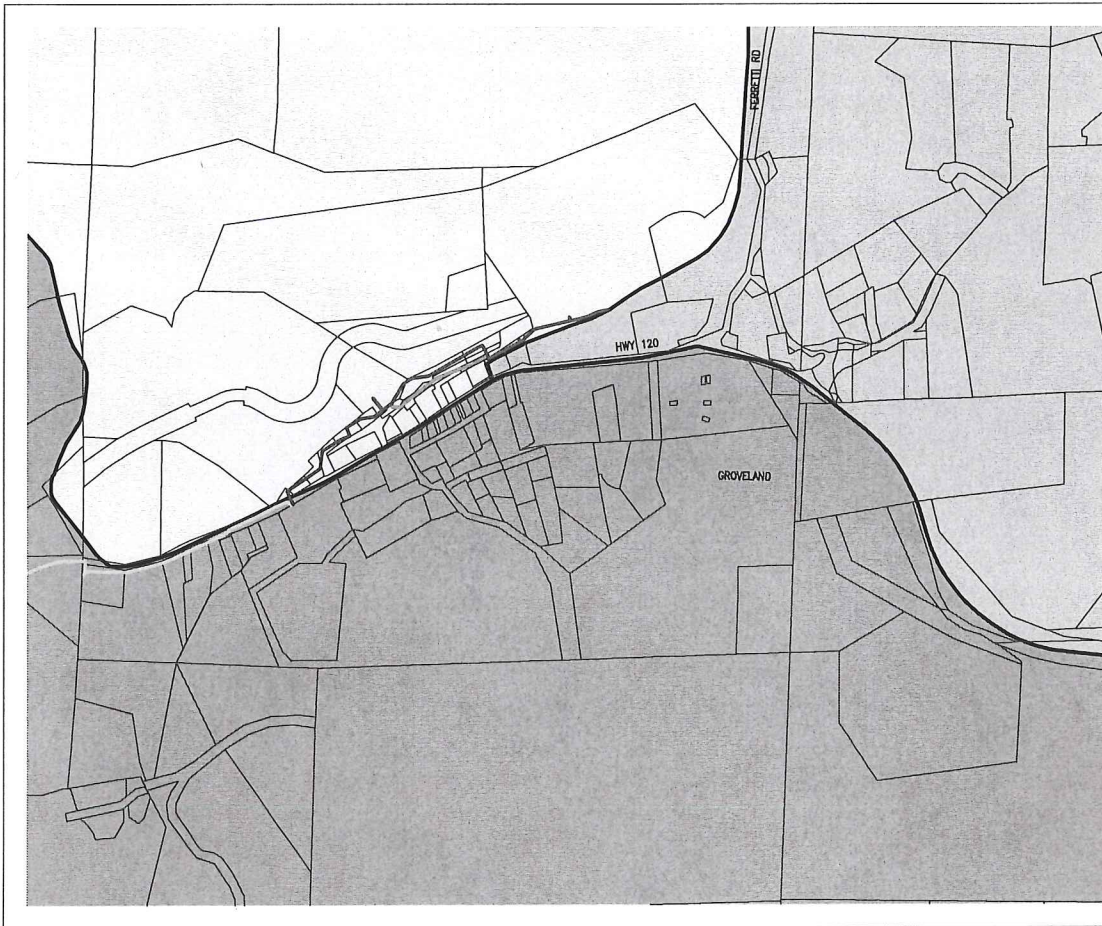
- GCSD SERVICE AREA BOUNDARY
- CENSUS BLOCK GROUP BOUNDARY
- BLOCK GROUP 1 LOW/MOD INCOME 65%
- BLOCK GROUP 2 LOW/MOD INCOME 33%
- BLOCK GROUP 3 LOW/MOD INCOME 80%
- LINE 8 (± 7,431 LF 8" MAIN)
- LINE 9 (± 2,392 LF 8" MAIN)
- LINE 14 (± 611 LF 8" MAIN)



SCALE IN FEET



FIGURE 3
GROVELAND WATER IMPROVEMENTS



**GROVELAND COMMUNITY SERVICES DISTRICT
CDBG WATER IMPROVEMENTS
OPINION OF PROBABLE CONSTRUCTION COSTS**

Description	Quantity	Unit	Unit Cost	Amount
Line 1	2,504	LF	\$100.00	\$250,400.00
Line 2	1,607	LF	\$100.00	\$160,700.00
Line 3	2,323	LF	\$100.00	\$232,300.00
Line 4	963	LF	\$100.00	\$96,300.00
Line 5	3,109	LF	\$100.00	\$310,900.00
Line 8	7,431	LF	\$100.00	\$743,100.00
Line 9	2,392	LF	\$100.00	\$239,200.00
Line 14	611	LF	\$100.00	\$61,100.00
6" Hydrant with Bury	70	EA	\$4,000.00	\$280,000.00
3/4" Residential Water Service	200	EA	\$1,200.00	\$240,000.00
Subtotal				\$2,614,000.00
Contingency (10%)				\$261,400.00
Construction Administration and Materials Testing (15%)				\$392,100.00
Total				\$3,267,500.00



JAMESTOWN SANITARY DISTRICT
18351 Main Street ~ P.O. Box 247
Jamestown, California 95327
Phone: 209-984-5177 Fax: 209-984-5136
Email: jsdistrict@mlode.com

December 17, 2019

VIA EMAIL OF ORIGINALS

Maureen Frank, Deputy County Administrator
Tuolumne County Administration Office
2 South Green Street
Sonora, CA 95370

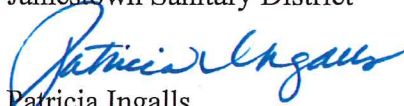
Subject: Tuolumne County Community Development Block Grant (CDBG)
Call for Projects 2019/2020

Dear Maureen,

Please accept on behalf of the Jamestown Sanitary District the enclosed application questionnaire package for the Jamestown Sanitary District Wastewater Force Main project for subject funding consideration. We are confident that our construction project will meet the parameters under the upcoming CDBG NOFA for Public Works, and are respectfully requesting \$2,013,201.00 for our project.

We are hopeful and look forward to another successful funding relationship as a sub-recipient of Tuolumne County. Please contact the undersigned at the contact information above or Jeff Black, District Engineer, at 209-322-1817 or email of Jeff@blackwater-eng.com if there are any questions or if further information is needed regarding our application.

Very Truly Yours,
Jamestown Sanitary District


Patricia Ingalls
District Manager

CC: Terry Cox, Cox Consulting Inc.
Jeff Black, District Engineer
Jamestown Sanitary District Board of Directors

Attachments

**TUOLUMNE COUNTY
COMMUNITY DEVELOPMENT BLOCK GRANT
GENERAL ALLOCATION
CALL FOR PROJECTS
2019/2020**

Public Works or Community Facilities

Name of Project Proponent: Jamestown Sanitary District (JSD)

Contact Person: Patricia Ingalls, District Manager

Address: 18351 Main Street, P.O. Box 247, Jamestown, CA 95327

Phone: 209-984-5177 **Email Address:** jsdistrict@mlode.com

Project Name: Jamestown Sanitary District Wastewater Force Main

Total Cost: \$2,013,201.00 **CDBG Funds requested:** \$2,013,201.00

Total # of Beneficiaries: 3,500

Only one project may be included per application. Water and sewer projects may not be combined.

1. Describe the serious health and safety need addressed by your project. How will you document this?

The Jamestown Sanitary District (JSD) owns and maintains the sewer collection system and wastewater treatment plant that serves a population of approximately 3,500 within the Districts' service area and provides sewer service and wastewater treatment for those residents of Jamestown. The majority of the service area is residential, with some general commercial. The existing WWTP, located at 17600 State Highway 108 adjacent to Woods Creek, was originally constructed in the 1950's, and upgraded in 1985. The WWTP operates under Regional Board Waste Discharge Requirements Order No. 5-01-062 (WWTP WDRs). JSD contracts with the Tuolumne Utilities District (TUD) for effluent disposal. The wastewater disposal facilities are regulated under Waste Discharge Requirements Order No. R5-2002-0202 (Disposal WDRs).

Force Mains are pipelines that convey wastewater under pressure from the discharge side of a pump or pneumatic ejector to a discharge point. Pumps or compressors located in a lift station provide the energy for wastewater conveyance in force mains. The JSD WWTP Wastewater Force Main project begins just north of Highway 108 at the existing JSD WWTP and runs south to the new JSD WWTF near Tuolumne Utilities Districts' Quartz Reservoir. The replacement force main will convey wastewater, and will generally be aligned parallel to the existing force main. It is anticipated that the project will be Categorically Exempt as it is replacing existing pipelines that have reached their useful service life. The project will not increase the sewer districts capacity to convey or treat wastewater and is not growth inducing.

The condition of the existing Tuolumne Utilities District force main, which currently transports Jamestown Sanitary District effluent, is aged and condition maintenance is sparsely documented. The existing force main is being deeded over to the Jamestown Sanitary District within the construction of the new JSD Wastewater Treatment Facilities Project for the transport of wastewater which substantiates the need for a new force main.

2. Projects must predominantly benefit lower income persons (less than 80% of County median income). Indicate the number of persons/households who will benefit within the 2-year grant award period. Indicate how many proposed beneficiaries will be in the targeted income group.

All JSD rate payers and serviced properties currently within the Jamestown Sanitary District boundaries as well as any future expansion of the District's serviceable areas will benefit. Income Survey prepared for the Tuolumne Utilities District Jamestown Water Tank Project as part of the Tuolumne County CDBG Call for Projects 2016 provided. Additional information from HUD Exchange (hudexchange.com.info) Tuolumne County, California, city of Jamestown under Block Group 3, Census Tract 51 and city-data.com/city/Jamestown-California provided. The beneficiaries of the project are predominantly lower income as demonstrated by the referenced income survey and Block Group data. Please see attachments for reference.

3. Attach a map of your proposed target area showing your proposed improvements, beneficiaries and identifying the boundaries of the census block groups. Go to the link listed in Appendix H (attached) to determine the number of lower income persons residing in each affected block group. If there are less than 51% Low/Mod persons in any block group, a CDBG income survey will be required to document that the project meets the CDBG income eligibility requirements. If a CDBG income survey has been completed for the service area, and is not yet 5 years old, please attach the survey results to document income eligibility.

Please see attachments as requested.

4. How does the proposed project resolve the problem identified in #1? How will you document this?

The existing force main is approximately 42 years old and is critical to the safe operation of the JSD treatment plant and collection system. The proximity of the pipeline to Woods Creek (tributary to City of Modesto drinking water source), the materials of construction, and the age of the pipeline are of primary concern to JSD as a pipe failure would result in a spill to a drinking water supply, environmental impacts to the spill area as a result of the spill and emergency repair activities, potential fines from the SWRCB, and potential litigation. By replacing the aged pipeline with new materials and best construction practices, the potential for a spill will be greatly reduced and allow JSD to continue to operate within established compliance limits.

5. Projects must have completed CEQA and HCD NEPA environmental review by the application due date. Describe the status of environmental review for this project.

JSD is distributing Request for Proposals for Environmental Services for a Categorically Exempt report based on the direction given by CDBG that if the pipe size increases less than 20% it would be acceptable even though the volume is greater. The environmental reporting of the project will be completed in advance of the Tuolumne County's CDBG application filing date.

6. Projects should have other money necessary to complete the proposed project. Attach a detailed project budget showing the status of all other funding sources. Indicate the beginning and ending dates for any grants or loans from other funding agencies.

Please see attached as requested. There are no additional grants or loans for this project.

7. Applicants must have all site control. What site control is required for your project and what is your documentation?

JSD owns and controls the property where new WWTP facility is being built at 10190 Karlee Lane, Jamestown, CA, where existing and subsequently new Force Main will connect from existing WWTP location of 10700 Highway 108, Jamestown, California. Existing location will be utilized as a satellite plant for JSD Headworks and Lift Station for wastewater transportation via force main under current agreement with Tuolumne Utilities District into their Quartz Reservoir. JSD is in the process of compiling the existing easements for the force main alignment, as well as identifying portions of the alignment that will need to be expanded to accommodate the construction activities and placement of the new force main.

8. Projects must be implemented by an experienced provider. Describe your agency's history and capacity to complete the proposed project.

The Jamestown Sanitary District has historically and successfully proven its capacity to manage and complete multiple Community Development Block Grant projects as a sub-recipient of Tuolumne County in amounts totaling \$2.7M dollars. The District was also successful in being chosen as the \$5M dollar infrastructure project for the 2017 CDBG Call for Projects by the Tuolumne County Board of Supervisors. The District obtained grant funding from SWRCB-CWSRF in 2013 in the amount of \$480,000 dollars for the planning process of the new Wastewater Treatment Facilities Improvements. The District secured \$5.6M dollars in grant funding towards the design and construction of the project which began construction in June of 2019. The balance of construction funding will be paid in the form of a low interest loan secured with SWRCB-CWSRF. New WWTF Project is successfully on track with completion expected to be ahead of the May 2021 implementation of new facilities.

9. What permits are required for this project and what is the status of each?

Permit	Status
Tuolumne County Encroachment Permit	Preparation of application
Caltrans Encroachment Permit	Preparation of application
Sierra Railroad Encroachment Permit	Preparation of application
Construction Activities Storm Water General Permit	Preparation of application

10. Include a timeline for the proposed CDBG project and any other sources of funding.

Activity	Weeks after CDBG Funding Agreement
Permitting	6
Bid and award construction project	8
Construction of new force main	24
Acceptance and testing	26
Placement in service	28
Project closeout	30

11. What will happen if the funding is not provided?

The JSD new wastewater force main is a critical infrastructure for the conveyance of wastewater flows to the new wastewater treatment facility. Failure of the existing force main would be costly and as previously noted, have significant environmental and health and safety ramifications. If funding from CDBG is not obtained for this project, JSD will continue to pursue funding options in order to construct a new force main as soon as possible given the age and condition of the line.

JAMESTOWN CDBG SURVEY SUMMARY
JUNE 2016

Total universe: 1175 residential units
 Total responses: 504 families 1260 persons
 Response rate: 43%

Low/mod income: 68.8%

<30% median income 127 (25.2%)
 31-50% median income 113 (22.4%)
 51-80% median income 107 (21.2%)
 80%+ median income 157 (31.2%)

Racial/ethnic

Hispanic 76 (15%)

White 382 (89%)

Asian 6 (1%)

Pacific Islander 2 (.5%)

Asian/White 1 (.5%)

Am. Indian/black 0 (0%)

Black 4 (1%)

Am. Indian 15 (4%)

Am. Indian/white 0 (0%)

Black/white 0 (0%)

Other multiracial 18 (4%)

Female Head of Household 205 (41%)

Owner 294 (58%) Renter 210 (42%)

Senior Head of Household 248 (49%)

Disabled family member 133 (26%)

Household member a veteran 33 (14%)

JAMESTOWN SURVEY METHODOLOGY

TUOLUMNE COUNTY

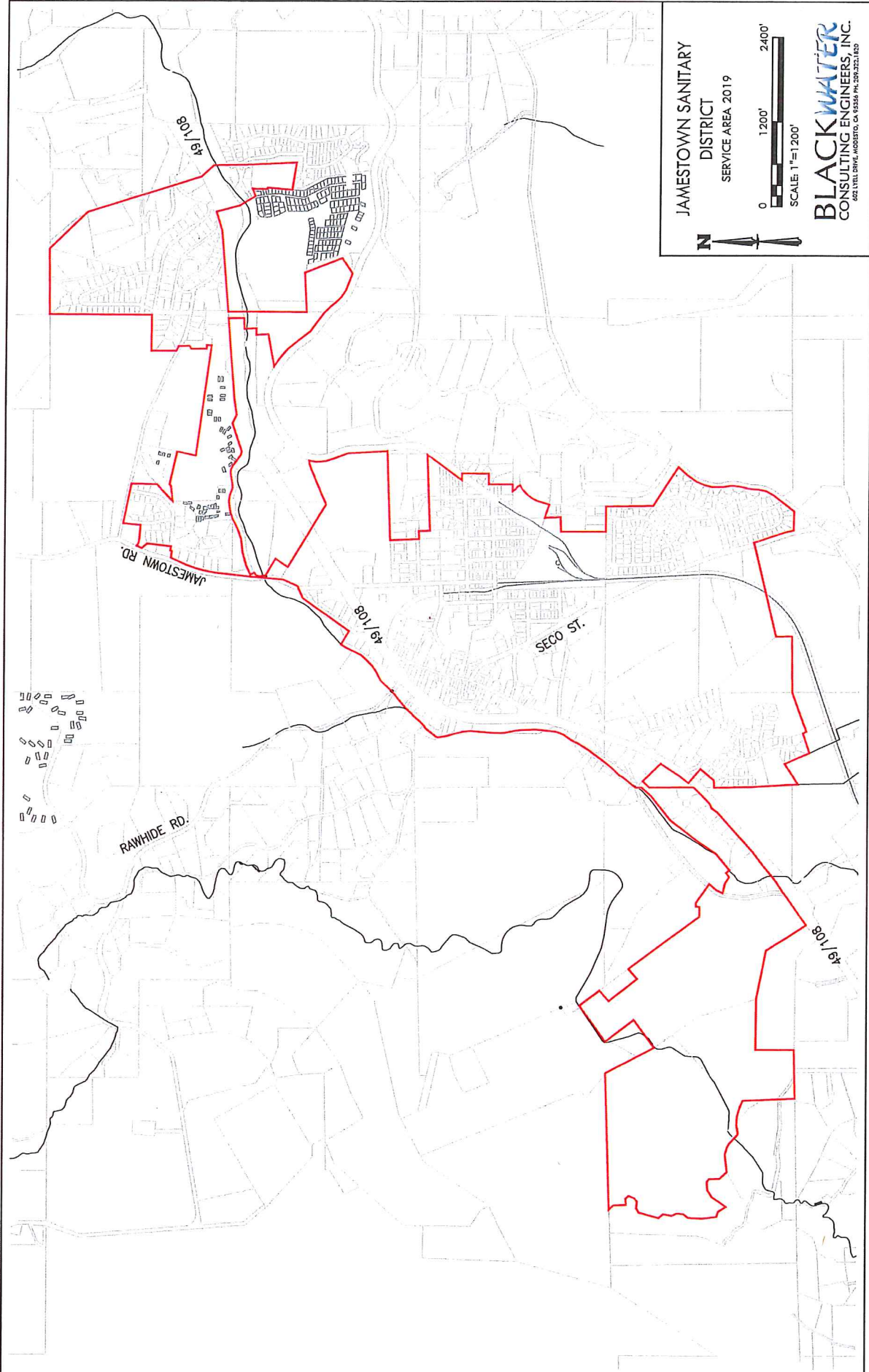
1. The survey was needed because the target area is not located within one census block group. It is in portions of Block Groups 1, 2, 3 & 4 in Census Tract 51. See attached maps.
2. The methodology for the survey was twofold. The survey was initially mailed out to all 1175 residential units by the Tuolumne Utilities District on May 26, 2016. All surveys included a stamped, self-addressed envelope to be returned directly to Cox Consulting who compiled the survey. The survey was then followed up by a door to door survey. Excluding those that were returned by mailed, vacant, or refused to participate, the surveyor went to all units 3 times, during weekday, evening and weekend hours. The door to door survey was conducted between June 5 and June 24, 2016.

The CDBG required response rate for a universe of 1175 housing units is 300. A total of 504 responses were received. The low/mod percentage was 68.8%.

3. The attached map identifies the proposed project target area. The target area is based on the service area for all users of the Jamestown Water Tank. There are no other water providers within the target area.
4. The survey did a universal sample. All units were mailed surveys. All units were contacted 3 times at weekday, evening and weekend hours. The minimum responses required for a universe of 1175 units was 300. A total of 504 were received, exceeding the required number by 204 surveys.
5. It was a universal sample. All units were selected.
6. The survey was conducted by Penny Scheler and Maureen Kelley between June 5 and June 24, 2016 under the supervision of Terry Cox of Cox Consulting.
7. The follow up process was to return to each unit twice at the alternate hours to attempt to obtain a response.
8. There was no replacement process. It was a universal sample.
9. There was no random sampling. All target area residents were contacted.

10. Survey analysis form is attached.
11. All surveys had a tracking number which referred back to an address list to insure confidentiality.
12. Second homes were treated like all other units since they also receive benefit from the water system.
13. The survey forms are attached, one mail, one door to door. The difference in the 2 forms is that there is also a categorical income question for those that might be uncomfortable giving specific income information in the door to door survey. Other questions are also specifically allowed in Appendix F-Conducting an Income Survey p. H-3, "Include other questions if you like but make sure that the survey does not take too long". The information derived from the categorical question is also required to fill out the CDBG application.
14. No surveys submitted per CDBG request.
15. In addition to those listed in # 6, Penny Scheller did the tabulation.
16. Note that the income limits used were those for 2015. This was because the mail out survey was distributed 5/26/16 before the 2016 income limits were released. This was OK'd by HCD.

FULL CONFIDENTIAL SURVEY RESULTS INCLUDED IN BACK OF ORIGINAL COPY OF APPLICATION



JAMESTOWN SANITARY
DISTRICT
 SERVICE AREA, 2019

0 1200' 2400'
 SCALE: 1"=200'

BLACKWATER
 CONSULTING ENGINEERS, INC.
665 TRIST DRIVE, WOODBRIDGE, VA 22191-1602, USA

HUD EXCHANGE INFORMATION OCTOBER 2015 - JAMESTOWN, CALIFORNIA *

GEOID	geoname	stusub	countyname	state	county	tract	blkgrp	low	lowmod	LMMI	lowmodumiv	lowmod_pct
061090001001	Block Group 1, Census Tract 11, Tuolumne County, California	CA	Tuolumne County	06	109	001100	1	115	310	450	1095	0.2831
061090001002	Block Group 2, Census Tract 11, Tuolumne County, California	CA	Tuolumne County	06	109	001100	2	140	280	650	890	0.3146
061090001003	Block Group 3, Census Tract 11, Tuolumne County, California	CA	Tuolumne County	06	109	001100	3	580	820	860	1450	0.5655
061090001004	Block Group 4, Census Tract 11, Tuolumne County, California	CA	Tuolumne County	06	109	001100	4	80	170	230	410	0.4146
0610900012001	Block Group 1, Census Tract 12, Tuolumne County, California	CA	Tuolumne County	06	109	001200	1	425	505	960	1205	0.4191
0610900012002	Block Group 2, Census Tract 12, Tuolumne County, California	CA	Tuolumne County	06	109	001200	2	160	365	560	960	0.3802
0610900012003	Block Group 3, Census Tract 12, Tuolumne County, California	CA	Tuolumne County	06	109	001200	3	640	810	940	1360	0.5956
0610900012004	Block Group 4, Census Tract 12, Tuolumne County, California	CA	Tuolumne County	06	109	001200	4	155	180	230	425	0.4235
0610900021001	Block Group 1, Census Tract 21, Tuolumne County, California	CA	Tuolumne County	06	109	002100	1	115	265	520	775	0.3419
0610900021002	Block Group 2, Census Tract 21, Tuolumne County, California	CA	Tuolumne County	06	109	002100	2	330	380	420	610	0.6223
0610900021003	Block Group 3, Census Tract 21, Tuolumne County, California	CA	Tuolumne County	06	109	002100	3	250	300	550	710	0.4225
0610900021004	Block Group 4, Census Tract 21, Tuolumne County, California	CA	Tuolumne County	06	109	002100	4	50	200	315	385	0.5195
0610900021005	Block Group 5, Census Tract 21, Tuolumne County, California	CA	Tuolumne County	06	109	002100	5	525	575	895	1015	0.5665
0610900021006	Block Group 6, Census Tract 21, Tuolumne County, California	CA	Tuolumne County	06	109	002100	6	40	205	305	800	0.2563
0610900022001	Block Group 1, Census Tract 22, Tuolumne County, California	CA	Tuolumne County	06	109	002200	1	60	270	400	1235	0.2186
0610900022002	Block Group 2, Census Tract 22, Tuolumne County, California	CA	Tuolumne County	06	109	002200	2	30	110	205	480	0.2292
0610900022003	Block Group 3, Census Tract 22, Tuolumne County, California	CA	Tuolumne County	06	109	002200	3	115	230	460	870	0.2644
0610900022004	Block Group 4, Census Tract 22, Tuolumne County, California	CA	Tuolumne County	06	109	002200	4	505	710	1015	1395	0.509
0610900022005	Block Group 5, Census Tract 22, Tuolumne County, California	CA	Tuolumne County	06	109	002200	5	380	675	1135	1860	0.3629
0610900022006	Block Group 6, Census Tract 22, Tuolumne County, California	CA	Tuolumne County	06	109	002200	6	295	520	755	1140	0.4561
0610900022007	Block Group 7, Census Tract 22, Tuolumne County, California	CA	Tuolumne County	06	109	002200	7	130	240	335	655	0.3664
0610900031001	Block Group 1, Census Tract 31, Tuolumne County, California	CA	Tuolumne County	06	109	003100	1	135	465	545	1360	0.3419
0610900031002	Block Group 2, Census Tract 31, Tuolumne County, California	CA	Tuolumne County	06	109	003100	2	275	440	595	1415	0.311
0610900031003	Block Group 3, Census Tract 31, Tuolumne County, California	CA	Tuolumne County	06	109	003100	3	250	520	660	1065	0.4883
0610900031004	Block Group 4, Census Tract 31, Tuolumne County, California	CA	Tuolumne County	06	109	003100	4	335	500	755	1765	0.2833
0610900031005	Block Group 5, Census Tract 31, Tuolumne County, California	CA	Tuolumne County	06	109	003100	5	145	220	220	550	0.4
0610900032001	Block Group 1, Census Tract 32, Tuolumne County, California	CA	Tuolumne County	06	109	003200	1	335	635	1105	1600	0.3969
0610900032002	Block Group 2, Census Tract 32, Tuolumne County, California	CA	Tuolumne County	06	109	003200	2	30	40	190	395	0.1013
0610900032003	Block Group 3, Census Tract 32, Tuolumne County, California	CA	Tuolumne County	06	109	003200	3	370	455	555	1080	0.4213
0610900032004	Block Group 4, Census Tract 32, Tuolumne County, California	CA	Tuolumne County	06	109	003200	4	30	310	350	800	0.3875
0610900032005	Block Group 5, Census Tract 32, Tuolumne County, California	CA	Tuolumne County	06	109	003200	5	270	920	940	1345	0.684
0610900032006	Block Group 6, Census Tract 32, Tuolumne County, California	CA	Tuolumne County	06	109	003200	6	435	435	545	620	0.7016
0610900041001	Block Group 1, Census Tract 41, Tuolumne County, California	CA	Tuolumne County	06	109	004100	1	230	385	610	865	0.4451
0610900041002	Block Group 2, Census Tract 41, Tuolumne County, California	CA	Tuolumne County	06	109	004100	2	205	435	765	1385	0.3141
0610900041003	Block Group 3, Census Tract 41, Tuolumne County, California	CA	Tuolumne County	06	109	004100	3	650	1100	1435	1845	0.5962
0610900041004	Block Group 4, Census Tract 41, Tuolumne County, California	CA	Tuolumne County	06	109	004100	4	200	450	1100	1500	0.3
0610900042001	Block Group 1, Census Tract 42, Tuolumne County, California	CA	Tuolumne County	06	109	004200	1	30	110	150	260	0.4231
0610900042002	Block Group 2, Census Tract 42, Tuolumne County, California	CA	Tuolumne County	06	109	004200	2	505	805	1280	2725	0.2954
0610900042003	Block Group 3, Census Tract 42, Tuolumne County, California	CA	Tuolumne County	06	109	004200	3	55	105	280	385	0.2727
0610900051001	Block Group 1, Census Tract 51, Tuolumne County, California	CA	Tuolumne County	06	109	005100	1	375	550	885	1435	0.3833
0610900051002	Block Group 2, Census Tract 51, Tuolumne County, California	CA	Tuolumne County	06	109	005100	2	295	540	830	1210	0.4463
0610900051003	Block Group 3, Census Tract 51, Tuolumne County, California *	CA	Tuolumne County	06	109	005100	3	820	1160	1320	2010	0.5771
0610900051004	Block Group 4, Census Tract 51, Tuolumne County, California	CA	Tuolumne County	06	109	005100	4	390	705	1070	1595	0.442
0610900051005	Block Group 5, Census Tract 51, Tuolumne County, California	CA	Tuolumne County	06	109	005100	5	50	125	330	650	0.1923
0610900051006	Block Group 6, Census Tract 51, Tuolumne County, California	CA	Tuolumne County	06	109	005100	6	145	580	665	1295	0.4479
0610900052011	Block Group 1, Census Tract 52.01, Tuolumne County, California	CA	Tuolumne County	06	109	005201	1	120	220	315	610	0.3607
0610900052012	Block Group 2, Census Tract 52.01, Tuolumne County, California	CA	Tuolumne County	06	109	005201	2	185	375	605	1105	0.3394
061099852021	Block Group 1, Census Tract 9852.02, Tuolumne County, California	CA	Tuolumne County	06	109	985202	1	0	0	0	0	0

www.hudexchange.info/resource/5334/cdbg-income-limits/

County	Income Category*	Number of Persons in Household							
		1	2	3	4	5	6	7	8
Sonoma	Extremely Low 30%	\$20,650	\$23,600	\$26,550	\$29,450	\$31,850	\$34,200	\$36,550	\$38,900
	Low 50%	\$34,400	\$39,300	\$44,200	\$49,100	\$53,050	\$57,000	\$60,900	\$64,850
	60% Limit	\$41,280	\$47,160	\$53,040	\$58,920	\$63,660	\$68,400	\$73,080	\$77,820
	Moderate 80%	\$55,000	\$62,850	\$70,700	\$78,550	\$84,850	\$91,150	\$97,450	\$103,700
Stanislaus	Extremely Low 30%	\$12,750	\$14,600	\$16,400	\$18,200	\$19,700	\$21,150	\$22,600	\$24,050
	Low 50%	\$21,250	\$24,300	\$27,350	\$30,350	\$32,800	\$35,250	\$37,650	\$40,100
	60% Limit	\$25,500	\$29,160	\$32,820	\$36,420	\$39,360	\$42,300	\$45,180	\$48,120
	Moderate 80%	\$34,000	\$38,850	\$43,700	\$48,550	\$52,450	\$56,350	\$60,250	\$64,100
Sutter	Extremely Low 30%	\$12,600	\$14,400	\$16,200	\$18,000	\$19,450	\$20,900	\$22,350	\$23,800
	Low 50%	\$21,000	\$24,000	\$27,000	\$30,000	\$32,400	\$34,800	\$37,200	\$39,600
	60% Limit	\$25,200	\$28,800	\$32,400	\$36,000	\$38,880	\$41,760	\$44,640	\$47,520
	Moderate 80%	\$33,600	\$38,400	\$43,200	\$48,000	\$51,850	\$55,700	\$59,550	\$63,400
Tehama	Extremely Low 30%	\$12,550	\$14,350	\$16,150	\$17,900	\$19,350	\$20,800	\$22,200	\$23,650
	Low 50%	\$20,900	\$23,900	\$26,900	\$29,850	\$32,250	\$34,650	\$37,050	\$39,450
	60% Limit	\$25,080	\$28,680	\$32,280	\$35,820	\$38,700	\$41,580	\$44,460	\$47,340
	Moderate 80%	\$33,450	\$38,200	\$43,000	\$47,750	\$51,600	\$55,400	\$59,250	\$63,050
Trinity	Extremely Low 30%	\$12,550	\$14,350	\$16,150	\$17,900	\$19,350	\$20,800	\$22,200	\$23,650
	Low 50%	\$20,900	\$23,900	\$26,900	\$29,850	\$32,250	\$34,650	\$37,050	\$39,450
	60% Limit	\$25,080	\$28,680	\$32,280	\$35,820	\$38,700	\$41,580	\$44,460	\$47,340
	Moderate 80%	\$33,450	\$38,200	\$43,000	\$47,750	\$51,600	\$55,400	\$59,250	\$63,050
Tulare	Extremely Low 30%	\$12,550	\$14,350	\$16,150	\$17,900	\$19,350	\$20,800	\$22,200	\$23,650
	Low 50%	\$20,900	\$23,900	\$26,900	\$29,850	\$32,250	\$34,650	\$37,050	\$39,450
	60% Limit	\$25,080	\$28,680	\$32,280	\$35,820	\$38,700	\$41,580	\$44,460	\$47,340
	Moderate 80%	\$33,450	\$38,200	\$43,000	\$47,750	\$51,600	\$55,400	\$59,250	\$63,050
Tuolumne	Extremely Low 30%	\$13,300	\$15,200	\$17,100	\$18,950	\$20,500	\$22,000	\$23,500	\$25,050
	Low 50%	\$22,150	\$25,300	\$28,450	\$31,600	\$34,150	\$36,700	\$39,200	\$41,750
	60% Limit	\$26,580	\$30,360	\$34,140	\$37,920	\$40,980	\$44,040	\$47,040	\$50,100
	Moderate 80%	\$35,400	\$40,450	\$45,500	\$50,550	\$54,600	\$58,650	\$62,700	\$66,750
Ventura	Extremely Low 30%	\$21,300	\$24,350	\$27,400	\$30,400	\$32,850	\$35,300	\$37,700	\$40,150
	Low 50%	\$35,500	\$40,600	\$45,650	\$50,700	\$54,800	\$58,850	\$62,900	\$66,950
	60% Limit	\$42,600	\$48,720	\$54,780	\$60,840	\$65,760	\$70,620	\$75,480	\$80,340
	Moderate 80%	\$56,800	\$64,900	\$73,000	\$81,100	\$87,600	\$94,100	\$100,600	\$107,100
Yolo	Extremely Low 30%	\$17,500	\$20,000	\$22,500	\$24,950	\$26,950	\$28,950	\$30,950	\$32,950
	Low 50%	\$29,150	\$33,300	\$37,450	\$41,600	\$44,950	\$48,300	\$51,600	\$54,950
	60% Limit	\$34,980	\$39,960	\$44,940	\$49,920	\$53,940	\$57,960	\$61,920	\$65,940
	Moderate 80%	\$46,600	\$53,250	\$59,900	\$66,550	\$71,900	\$77,200	\$82,550	\$87,850
Yuba	Extremely Low 30%	\$12,600	\$14,400	\$16,200	\$18,000	\$19,450	\$20,900	\$22,350	\$23,800
	Low 50%	\$21,000	\$24,000	\$27,000	\$30,000	\$32,400	\$34,800	\$37,200	\$39,600
	60% Limit	\$25,200	\$28,800	\$32,400	\$36,000	\$38,880	\$41,760	\$44,640	\$47,520
	Moderate 80%	\$33,600	\$38,400	\$43,200	\$48,000	\$51,850	\$55,700	\$59,550	\$63,400

For all income categories, the income limits for households larger than eight persons are determined as follows: For each person in excess of eight, add eight percent of the four-person "50%" limit to the "50%" limit for eight persons and round the answer to the nearest \$50. For example, the nine-person "50%" limit for Yuba County equals \$41,260 (\$29,450 * 0.08 = \$2,356, added to \$38,900 = \$41,256, rounded to \$41,260).

* Percentages may not be mathematically related to each other due to rounding.

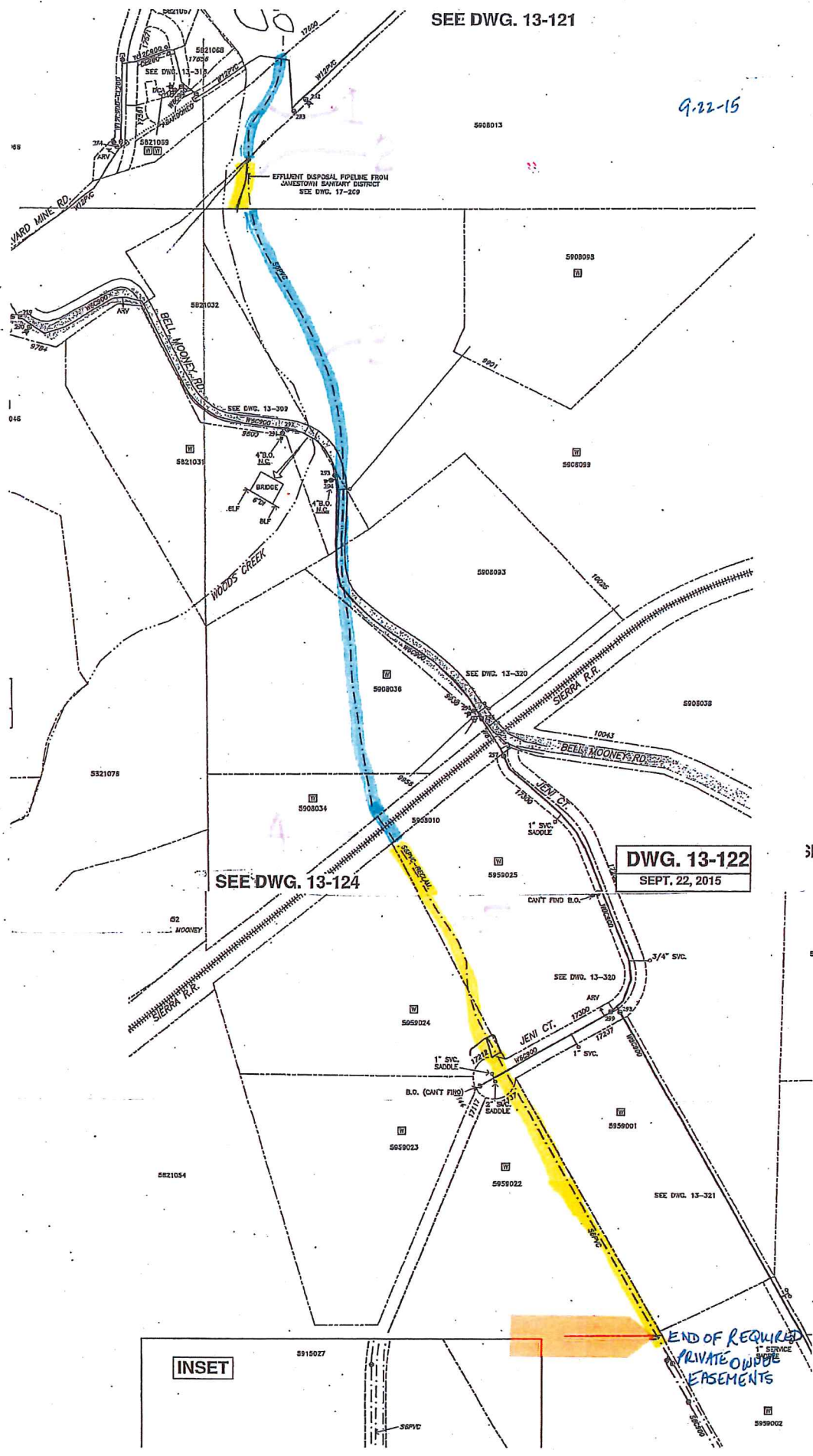
Jamestown, CA
Jamestown Sanitary District
Estimated Construction and Project Cost for
JSD WWTP Effluent Force Main

Prepared by: Jeff Black
Date: 12/17/19

Item	Unit	Quantity	Unit Cost, \$	Total Cost, \$
Construction	ls	1		1,739,650
Engineering Services During Construction	ls	1		69,586
Construction Management	ls	1		173,965
Permitting	ls	1		15,000
Administrative	ls	1		15,000
	Total			2,013,201

SEE DWG. 13-121

9.22.15



SEE DWG. 13-124

DWG. 13-122
SEPT. 22, 2015

INSET

END OF REQUIRED
PRIVATE OWNERS
EASEMENTS