



Fire Flow Feasibility Study Process & Fees

To begin the Feasibility Study process, please have the project engineer (licensed through TBPE) complete the following items:

- Feasibility Study Service Application (FSSA)
- LUE Calculator and/or Fixture Calculator
- Site map showing the proposed service location(s)
- County Property ID (PID) number(s) for the property
- If fire flow is required for the project, CCSUD will also need a letter from the applicable Fire Marshal confirming the required fire flow amount (or stating that fire flow is not required). This letter must be submitted along with the other required documents.

Please note that all design-related questions, including water availability, sizing, and system requirements, are evaluated through the feasibility study process.

If fire flow is required for the project, CCSUD will also need a letter from the applicable Fire Marshal confirming the required fire flow amount (or stating that fire flow is not required). This letter must be submitted along with the other required documents.

Required Submittal Items

- Correspondence from the applicable County Fire Marshal confirming required fire flow, if applicable
- Completed FSSA (to be completed by the project engineer)
- Service location map and/or County PID information
- Completed LUE and/or Fixture Calculator (to be completed by the project engineer) .

Please email all required documents to:
projects@crystalclearsud.org

After reviewing the submitted information, CCSUD will determine the cost of the study based on the scope of the request shown on the FSSA and LUE/Fixture Calculator and will provide the fee amount.

Once the total LUE amount has been determined, the applicable feasibility study fee will be provided for payment

Payment Information

Payments must be made payable to Crystal Clear SUD in the form of:

- Check
- Money Order
- Cashier's Check

When mailing or delivering payment, please include the proposed development name listed on the FSSA in the memo line. This is important to ensure the payment is applied to the correct project and helps avoid delays in processing the study.

Non-Standard Service Requests

A Non-Standard Service request includes, but is not limited to:

- Services requiring a meter larger than 5/8"
- Temporary water service
- Service to a master-metered account
- Additions or extensions to the District's water or wastewater system
- Fire flow

Except for temporary service requests, applicants requesting non-standard service must comply with the requirements outlined in Section F of the District's Rules and Regulations prior to receiving service.

Additional Information

- Feasibility study fees are estimates only; additional fees may be required depending on the scope of work.
- The initial fee covers the system capacity analysis, feasibility study review, and preliminary efforts leading up to execution of a Non-Standard Service Agreement (NSSA).
- A secondary fee, included as part of the developer payment schedule within the Water/Wastewater NSSA, covers review of plats, plans, submittals, and construction-phase coordination. Please note that project review may pause until required payments are received.

Additional Fees

- All feasibility studies include an additional \$50 administrative fee.
- Standalone fire hydrant/suppression studies include an additional \$70 flow fee.



Turnaround & Expiration

- Feasibility studies typically have a turnaround time of approximately 60–90 days from the date all required documents are submitted.
- Completed feasibility studies expire 90 days from the date they are issued.

For any additional questions, please email projects@crystalclearsud.org.

Residential Developments (includes fire flow in the study)

Number of Proposed Lots	Fee
1 – 4	\$400 per lot (LUE)
5 – 10	\$2,000
11 – 50	\$3,000
51 – 100	\$4,000
101 – 250	\$5,000
251 – 500	\$6,000
501 – 1,000	\$8,000
1,001 – 2,000	\$10,000
2,001 – 3,000	\$15,000
Over 3,000	To Be Determined

Commercial Developments

LUE Count	Fee without Fire Flow	Fee with Fire Flow	Fee for Both*
Fire Flow Only (0 LUEs)	--	\$2,000	--
Up to 2.5	\$1,000	\$3,000	\$4,000
2.6 to 7	\$2,000	\$4,000	\$5,000
8 to 34	\$3,000	\$5,000	\$6,000
35 to 64	\$4,000	\$6,000	\$7,000
65 to 139	\$5,000	\$7,000	\$8,000
140 to 240	\$6,000	\$8,000	\$9,000
Over 240	To Be Determined	To Be Determined	To Be Determined

*Drafts of the results for both fire flow and no fire flow will be provided if requested in the application. After receiving the results, the developer will need to pick which option to move forward with and a sealed study memo will be provided for one option only.

The fees listed in the table above are estimates based on our experience developing feasibility study reports, reviewing documents and completed other tasks associated with proposed developments within the district. However, in the event that uncommon circumstances are encountered for a particular study, additional fees may be necessary to complete the work. If this occurs, the engineer will notify CCSUD and the developer before such charges are incurred.



Water Feasibility Study Service Application

Please Print:

Date of Application: _____

Name of Proposed Development: _____

Name of Applicant(s)*: _____

Service Location*: _____

Mailing Address*: _____

Phone No*: _____ Mobile No: _____

Email*: _____

Engineer*(required): _____ Phone No*: _____

Note*: Feasibility study fees are estimated and additional fees may be necessary to complete the work. If encountered, the engineer will notify Crystal Clear SUD and we will invoice the customer. Work on the project may cease until proper payment is received. Crystal Clear SUD must be notified if the project engineer changes, and emailed updated contact information at that time.

Please provide legal description of property as listed in deed records, filed plat, or another acceptable instrument. Please provide or attach acreage, vicinity, physical location, approved plat, etc.*: _____

Check Type of Service (check all that apply) *:

- Subdivision/ Development
- Commercial/ Industrial Park
- Fire Suppression Line/ Fire Hydrant
- Apartment (Multi-Family Units)
- Irrigation
- Other _____
- Mobile Home Park
- RV Park

Is the property located within a City Limits*? Yes, City? _____ No

Is the property located within an ETJ of a City*? Yes, City? _____ No

What County is the property located within*? _____

Fire Flow

If fire flow need is undetermined would you like to see a draft study with and without fire flow? Yes No

Will the development require fire flow provided by CCSUD*? Yes, _____ gpm for _____ hours No

***If yes, the developer is required to get in contact with the fire Marshall to derive fire flow demand needed specific to the development/ building. The developer will be required to submit a letter of correspondence from the fire Marshall confirming that fire flow demand, to CCSUD.**

Will the development require CCSUD to refill an onsite fire tank*? Yes, _____ gpm for _____ hours Meters¹ _____ inch No

Will the development require CCSUD to supply flow and pressure to a fire sprinkler system*?

Yes, _____ gpm for _____ hours at _____ psi No

If fire flow is needed is the developer willing to let CCSUD construct, operate, and maintain an elevated storage tank on the developer's property*?

Yes No

On Site Septic Facility (OSSF)

On Site Septic Facility (OSSF) Yes No *If no, what are your plans for Wastewater? _____

*** If wastewater is required for the development a separate wastewater study/fee will need to be submitted, this study is for WATER only.**

Residential

*Maximum number of proposed lots or apartment units: _____

*Demand calculations (Please provide/attach the completed LUE calculator and Fixture unit calculator when applicable):

*Maximum number of LUEs (Must match the number listed in the completed LUE calculator): _____

Date domestic potable water service requested to begin: _____

Additional water meters for non-residential use*? Yes No

1 - Meter sizes will be approved during the non-standard negotiation process.



_____ initial to certify that the information above is fully inclusive of ALL the water needed for the proposed development. Discrepancies and missing information will require a revised study at the cost of the developer.

_____ Print Name

_____ Sign Name

_____ Title

_____ Date

Do not write below this line-OFFICE USE ONLY

Date Application Returned: _____

Date Paid: _____

Feasibility Analysis Fee: _____

CSR: _____

Checklist of Application Requirements:

Residential	Commercial
<input type="checkbox"/> Location Information (Map, City, ETJ, County)	<input type="checkbox"/> Location Information (Map, City, ETJ, County)
<input type="checkbox"/> Number of Lots and meter information	<input type="checkbox"/> Meter Information
<input type="checkbox"/> Phasing (if applicable)	<input type="checkbox"/> Fire Flow Information
<input type="checkbox"/> Fire Flow Information	<input type="checkbox"/> Complete CCSUD LUE Calculator Excel
<input type="checkbox"/> Complete CCSUD LUE Calculator Excel	

Comments: _____



Meter Cost by Size

<u>Meter Size</u>	<u>LUE's</u>	<u>Deposit</u>	<u>Capital Recovery (Connection Fee)</u>	<u>Water Acquisition</u>	<u>Storage Recovery Fee</u>	<u>Installation Cost</u>
5/8" Meter	1	\$300	\$5,163	\$8,490	\$2,405	\$700
3/4" Meter	1.5	\$450	\$7,744.50	\$12,735	\$3,607	\$700
1" Meter	2.5	\$750	\$12,907.50	\$21,225	\$6,012	\$1,075
1.5" Meter	5	\$1,500	\$25,815	\$42,450	\$12,025	\$1,400*
2" Meter	8	\$2,400	\$41,304	\$67,920	\$19,240	\$1,650*
3" Meter	35	\$10,500	\$180,705	\$297,150	\$84,175	TBD
4" Meter	65	\$19,500	\$335,595	\$551,850	\$156,325	TBD
6" Meter	140	\$42,000	\$722,820	\$1,188,600	\$336,700	TBD
8" Meter	240	\$72,000	\$1,239,120	\$2,037,600	\$577,200	TBD

*Plus cost of additional parts required