Recycled Water Wharf-Head Hydrant

Industrial Way Wharf-Head Hydrant Location.

Calle Joaquin Wharf-Head Hydrant Location.

Prado Road Wharf-Head Hydrant Location.

Recycled Water Construction Water Permit Program

City of San Luis Obispo
Utilities Department
879 Morro Street
San Luis Obispo, California 93401
Phone 805-781-7215
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www.slowater.org
Recycled Water Use & Construction Water Permit Program

The City of San Luis Obispo produces high-quality, tertiary treated recycled water at its Water Reclamation Facility on Prado Road for Title 22 allowed uses such as dust control, soil compaction, and landscape irrigation. Recycled water is distributed through pipelines around the southern portion of the City. Through this distribution system, recycled water is available to Construction Water Permit holders at three wharf-head style purple hydrants on Industrial Way, Calle Joaquin and Prado Roads. These wharf-head hydrants provide a recycled water source at a high flow rate. Permit holders have 24-hour access to recycled water consistent with the City’s Procedures for Recycled Water Use summarized here. The Construction Water Permit is valid for a year (from July 1 through June 30) for a cost of $1,260.

As part of the Construction Water Permit application, the applicant must identify a representative to act as the Construction Water Supervisor. The Supervisor will represent the applicant as a liaison to the City Utilities Department and must attend City-sponsored training prior to issuance of the Construction Water Permit. The City will provide instruction orally and in writing as to the Supervisor related to City procedures for use of recycled water.

All vehicles that will be filled with recycled water must have an air gap or an approved backflow device. Tank filling shall be carried out from the roadside of the wharf-head hydrant. The water truck shall be parked on the roadway or pull out area. Recycled water shall not be allowed to overflow water tank. Hoses and tanks shall be kept in good condition free from any leaks. Wharf-head hydrant locations shall be left in a clean state. Permit holders are asked to immediately report a leaking wharf-head hydrant to the City’s Utilities Department.

Each vehicle transporting recycled water, and any equipment which contain or contact recycled water, must be identified with notification stickers stating “Recycled Water – Do Not Drink.” Permit holder will be provided with the City’s annual Construction Water Permit vehicle identification sticker.

These vehicle identification stickers shall be prominently displayed on the rear of all water hauling vehicles utilizing the wharf-head style hydrants. The name and telephone number of the Construction Water Permit holder must also be prominently displayed on the water hauling vehicle.

State law prohibits connection between recycled water and potable water systems. No fittings, hose or pipe, or any other appurtenance using recycled water shall connect to a potable water source. Recycled water cannot be introduced into any permanent piping system and no connection can be made between the tank truck and any part of a domestic water system. Water trucks, water tanks, or any other receptacle, including pipes or hoses used for storage or conveyance of recycled water, shall be dedicated solely to that use. Any water truck, water tank or other storage receptacle to be converted from recycled water to potable water shall be cleaned and disinfected to the satisfaction of the County Health Department.

The applicant’s Construction Water Supervisor is responsible for training personnel involved with the use of recycled water, including each water tank truck driver, so they are familiar with Construction Water Permit procedures. This training should convey that:

- Recycled water hydrants shall be opened and closed slowly so as not to damage the City’s recycled water distribution system.
- Recycled water, although highly treated, is non-potable and is not intended to be used for human consumption.
- Working with recycled water is safe, if common sense is used and appropriate regulations are followed.
- Recycled water shall be applied so as to insure that ponding, overspray and runoff are minimized.
- Recycled water shall be applied so as to minimize aerosol formation spraying.
- Recycled water shall be applied so as to prevent public or employee contact with the water.
- State law prohibits a connection between recycled water and potable water systems.

City staff will monitor use of the wharf-head hydrants to verify compliance with permit procedures. A Construction Water Permit may be withdrawn if it is known that the permit holder is using the recycled water in a manner inconsistent with permit procedures.

Frequently Asked Questions

Question: What is the process for obtaining a Construction Water Permit?
Answer: Interested parties should submit a completed application to the City’s Utilities Department. Utilities staff will meet with the applicant and their construction water supervisor to provide training on the use of recycled water and inspect the water hauling vehicle for the required air gap or approved backflow device. Upon completion of the training and inspection, the permit fee can be made to the City’s Finance Department. The Utilities Department will issue the Construction Water Permit and vehicle identification sticker with evidence of fee payment.

Question: What period does the annual Construction Water Permit cover?
Answer: Annual Construction Water Permits are issued beginning on July 1 and are valid through June 30.

Question: What is the outlet size on the wharf-head hydrants?
Answer: The wharf-head hydrants have a 2 ½” outlet.

Question: Who should be contacted if there is a problem with a wharf-head hydrant?
Answer: If you encounter problems with any of the wharf-head hydrants, please contact the City of San Luis Obispo Utilities Department at 781-7215.

Question: What forms of payment are accepted for the annual Construction Water Permit?
Answer: The City’s Finance Department accepts cash, check, Visa or Mastercard for the payment of the annual Construction Water Permit fee.

Question: Where can I get additional information on the Construction Water Permit Program?
Answer: For more information on the Construction Water Permit Program, please contact the City of San Luis Obispo Utilities Department at 781-7215.