

Olivehurst Public Utility District



Agenda Item Staff Report

Meeting Date: 1/20/2022

Item description/summary:

Consider approving Commercial Site Collections Requirement Form & Inspection Log

OPUD serves not only residences, but businesses/commercial sites throughout the district. Commercial wastewater is different than domestic wastewater. District wastewater needs a certain quality of wastewater entering its system to function properly and withstand any shutdown. The attached form and inspection log requires commercial sites to match domestic wastewater conditions in order for OPUD to continue serving them and meeting our standard bylaws set. This also allows for consistent monitoring and inspection to keep up-to-date records of facility along with compliance.

Fiscal Analysis:

N/A

Employee Feedback

N/A

Sample Motion:

Accept the attached Commercial Site Collections Requirement Form & Updated Commercial Site Inspection Report

Prepared by: Swarnjit Boyal, Public Work Engineer

OLIVEHURST PUBLIC UTILITY DISTRICT

Our mission is to provide high quality services to enhance our community's quality of life.



Office location:
1970 9TH Avenue
Olivehurst, CA 95961

GENERAL MANAGER

John Tillotson

jtillotson@opud.org

530 743 0317

Public Works Engineer

Swarnjit Boyal

sboyal@opud.org

530-682-0736

District Senior Inspector

Dan Nielsen

dnielsen@opud.org

530-491-8675

District Inspector

Jon Phillips

jphillips@opud.org

530-790-8064

COMMERCIAL SITE COLLECTIONS REQUIREMENT FORM & INSPECTION LOG

For any sites containing waste other than domestic waste, (any winery processing or storage facility, restaurant, commercial processing facility, etc...) sites must meet the specific standards highlighted below in order for Olivehurst Public Utility District (OPUD) to accept any collections entering the facilities wastewater treatment plant. This is to ensure that waste entering the treatment plant doesn't overload the system or accept high levels of constituents that may increase treatment processing than facility can manage, potentially shut down of treatment operations, or decrease the quality of effluent being produced. The minimum standards/required levels of influent entering into OPUD wastewater treatment plant is the following:

Commercial Site Discharge Requirements – (Typical Domestic Wastewater levels)	
Constituent	Required Minimum Discharge Amount (mg/L) PPM to OPUD Wastewater Treatment Plant
Biochemical Oxygen Demand (BOD)	200-290
Total Suspended Solids (TSS)	200-290
Ammonia (as N)	6-18
Total Nitrogen	35-100
Nitrite and Nitrate (as N)	<1
**pH	6.5-8

*Data from Table 4-3, USEPA Wastewater Treatment/Disposal for Small Communities, Manual, September 1992, EPA/625/R- 92/005.

** pH is a measure of how acidic/basic water is. The range goes from 0-14, with 7 being neutral. pH of less than indicates acidity, and greater than 7, basic. pH is not measured in mg/L or PPM.

In order to satisfy OPUD needs for requirements with commercial use facilities, 1 of the following must be met and accepted before project can be approved:

1. Please provide an engineered letter stating facility meets the necessary minimum required discharge amounts (Stamped letter) with supporting documents verifying that facility being proposed to connect to OPUD public sewage will release wastewater into OPUD operated facility with discharge amounts less than or equivalent to the table presented above.

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2. Present treatment package/proposal by designated wastewater manufacturer/representative (please have them include product I.D., contact information, and 2 samples of project that have implemented systems within California) that indicates proposed treatment method meets standards presented above.

One of the following approved items above must be submitted along with an approved OPUD letter by General Manager or Public Works Engineer must be present stating proposed commercial site facility meets all pre-requisite discharge requirements entering OPUD public sewer facility before an OPUD sewer/water permit application can be signed off with fee collection.

For all approved commercial sites, the following standards and up keeping must be met in-order for facility to continue discharging via OPUD Wastewater collection.

Bi-yearly testing must be adopted by the owner or facility manager which requires the following:

- A.) Sample sent to independent firm for testing and reporting with minimum required constituents tested per attached table. Samples would include final effluent that would be entering OPUD wastewater collection system. All samples must be less than or equal to standards indicated in the table. (*Requirement can be waived by Public Works Engineer depending on facility and site activities that may not need testing done. Contact Public Works Engineer to see if item is eligible to be waived).
- B.) OPUD test for quality control must be conducted once a year that includes a \$200 post construction inspection fee. See attached inspection log required by OPUD for on-site inspection by staff for regulatory compliance.

In the case of a failed inspection, the following strict standards must be met:

- For any constituent not meeting requirement, facility has to update their onsite facility to meet requirements within six (6) months with additional independent testing and reporting that shows all levels meet minimum standards presented in table above. If upgrade is made to facility within 6 months and fails second testing, an additional six (6) months will be given to revise facility to meet required standards, which would require an additional independent sample testing to be conducted to meet minimum required constituents tested per attached table. If third testing fails, OPUD will fine facility \$2,000 and water supply to facility will be shut

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off by OPUD. OPUD will not turn water back onto facility until facility meets required standards above.

- If no action is taken within first 6 months of failed inspection, facility will be fined \$2,000 and water supply to facility will be shut off by OPUD. OPUD will not turn water back onto facility until plan of action is presented to General Manager and Public Works Engineer regarding failed inspection.

By signing and dating this Commercial Site Collection Requirement Form, the Client/Owner/Designated Representative (client) hereby acknowledges they have read through the requirements set forth by OPUD on strict standards of commercial waste constituents entering public sewer system and what is needed to meet OPUD standards and understand the Post Construction requirements for Commercial sites. Client acknowledge they must contact OPUD District Senior Inspector once a year to conduct facility inspections and pay the necessary **\$200** inspection fee each time (See attached Inspection Log) and acknowledges that client submit waste sample to certified facility to conduct analysis and submit report to be submitted to OPUD once a year. Any fines or inspection fees are to be paid to OPUD within **30 days** of requested payment or are subject to a lawsuit.

Client has presented one of two accepted methods highlighted above for review for acceptance of commercial use facilities discharging into OPUD sewer system.

X

APPLICANT SIGNATURE:

X

DATE

STAFF ONLY: OPUD SIGNATURE AFTER APPLICATION MEETS ALL REQUIREMENTS

X

OPUD SIGNATURE

X

DATE

ATTACHMENT A: COMMERCIAL SITE INSPECTION REPORT

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COMMERCIAL SITE INSPECTION REPORT (ATTACHMENT A)

Facility Name:		Phone:	
Facility Address:			
Owner or Authorized Person (manager,			
Inspection Date:	Inspection Time:		
Inspection Type: (circle one):	Routine	Monitoring	Enforcement follow-up

TYPE OF FACILITY							
Winery	Fast Food	Grocery/Market	Bakery/Deli	Car Wash	Automotive	Laundry	Other

Inspection Items

Type			
ODOR Control	<input type="checkbox"/> YES <input type="checkbox"/> NO		
Tank/s Size (gallons) - If applicable			
Condition			
Cleanliness			
Plumbing Condition			
Foreign Objects			
Constituent deemed appropriate for analysis:	mg/L (PPM)	Accepted Values by District	Within limit?
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

GARBAGE DISPOSAL UNIT: YES NO **METHOD OF SOLIDS DISPOSAL:** _____

GREASE STORAGE UNIT: Location (In or Out)? _____ Covered & Bermed _____ Discharge to Sewer? _____

CHEMICAL DISPOSAL (manifest provided) YES NO

EQUIPMENT WASHING PROCEDURES

Location of cleaning mats (indoors/outdoors); _____

If outdoors, is area covered and bermed? _____

Discharge to grease trap/vault? YES NO

Discharge to storm water system? YES NO

REQUIRED ACTION/COMMENTS:

Signature of Inspector: _____ Date: _____

Name (Printed) _____

Title _____