

# WOODMEN HILLS

METROPLITAN DISTRICT

Ensure the contents of the wastewater disposal report meets the requirements of the Code which was revised in Fall 2019.

## WASTEWATER REPORT

Projected Wastewater Loads: Wastewater flows are based on 90% of anticipated indoor use. Maximum Monthly Flows are based on 125% of average daily flows. These are summarized as follows;  
Summary of Expected Wastewater Loads

### Wastewater Loads

Indoor Water Use	Average Daily Flow (158 SFE)	28,124 GPD
Average Daily Flow = 90% Indoor Water Use		25,316 GPD
Maximum Monthly Flow =125% ADF		31,640 GDP

Treatment Facilities: The Paint Brush Hills Metropolitan District has an existing Inter-Governmental Agreement (IGA) with Woodmen Hills Metropolitan District (WHMD) to participate in the existing Woodmen Hills Wastewater Treatment Facility.

The expected loads from this development (and existing commitments from Paint Brush Hills Metropolitan District at 25,316 GPD) represent about 1.9 % of the plant permitted capacity of 1,300,000 gal/day.

## WASTEWATER TREATMENT INFORMATION

### Woodmen Hills System:

The Woodmen Hills Metropolitan District (WHMD) has committed to serve the subject property with wastewater treatment. Additionally, WHMD has commenced construction (as of June 2017) of a new facility that is expected to be online in August 2018. This requirement for a new treatment facility was driven not by hydraulic loading, but by changes in effluent parameters (discharge limitations).

### Required Off-Site Improvements and Constraints:

The Paint Brush Hills Metropolitan District will be responsible for all off-site improvements which will include but are not limited to:

Piping and pumping to the WHMD plant.

Design of all on-site and off-site facilities will be subject to WHMD approvals and inspections.

The District shall meet the terms of all applicable wastewater regulations of WHMD in terms of quantity and quality.

### Conclusions:

The Paint Brush Hills Metropolitan District will provide water and wastewater service to this proposed development while Woodmen Hills has committed to provide treatment for this subject filing under the conditions described in the existing Inter-Governmental Agreement.

# Wastewater disposal report\_v1\_redlines.pdf Markup Summary

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WINDMILL HILLS  
METROPOLITAN DISTRICT

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1 Indoor Water Use Average Daily Flow 1150 GPD 28,224 GPD  
w = 90% Indoor Water Use 25,382 GPD

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