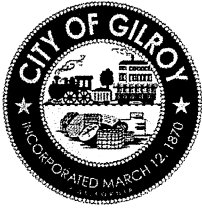


DOCKETED

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Project Title:	Gilroy Backup Generating Facility
TN #:	240629
Document Title:	ADS Supplemental Response to DR-44 - Water Supply - GBGF
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City of Gilroy

PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

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Daryl Jordan, PE
Public Works Director

October 10, 2021

Mr. Eric Hansen, P.E., BCEE
Water Resources Manager - - Americas West (AWS Infrastructure)
Amazon AWS
410 Terry Ave. N
Seattle, WA 98109

**Subject: *City of Gilroy Assessment of Ability to Serve Water Supply
Proposed AWS Gilroy Data Center Project***

Dear Mr. Hansen,

AWS is proposing to construct and operate the Gilroy Data Center (Project). The Project site is an undeveloped parcel generally located east of Arroyo Circle and between the two segments of Camino Arroyo within the City of Gilroy (APN 841-69-039). The parcel is proposed for industrial development and is approximately 56 acres in size.

It is the City's understanding that the Project will be constructed in two phases and includes two data center buildings and an on-campus security building, totaling approximately 438,500 square feet. Phase I will include grading of the entire site, the first data center building, and the on-campus security building. Phase II will include the second data center building, to be completed in the next 2-5 years and will coincide with the availability of recycled water. The Project will use up to 6.5 AFY of potable water for Phase I of operation until AWS completes the extension of a recycled water supply pipeline to the site, estimated to be completed in May 2023. After recycled water is available for delivery to the site, the Project will use the recycled water for cooling. Recycled water may also be used for the establishment of drought tolerant landscape and will satisfy local drought requirements. Total potable water use is not planned to exceed 2 AFY for the life of the Project.

The City of Gilroy has reviewed its 2015 Urban Water Management Plan (UWMP) and has determined that the amount of potable water proposed is adequately covered in the UWMP for projected water supplies available during normal, single dry, and multiple dry years during a 20-year projection.

Attachment A includes specific reference to the portions of the UWMP utilized to make this determination.

Please let us know if we can be of further assistance.

Sincerely,

Gary Heap, P.E.
City Engineer/Transportation Engineer
City of Gilroy

ATTACHMENT A

The following is an analysis of the potable water supply for the AWS Gilroy Data Center Project (Project) that demonstrates that City of Gilroy, as a public water system and supplier, has sufficient supplies to serve the Project and that the proposed potable water supply is within the amounts included in the City of Gilroy 2015 Urban Water Management Plan (UWMP).

Project Proposed Potable Water Supply:

Up to 6.5 AFY (0.0058 mgd) for the first year of Project operation¹; and

Up to 2 AFY (0.0018 mgd) for the ultimate buildout and operation of the Project²

References to UWMP

1. Chapter 3 of the UWMP includes a description of the Gilroy Public Water System (System). The Project is within the service territory of the System.
2. Chapter 6 of the UWMP demonstrates that the City of Gilroy uses local groundwater as the sole source of supply for the System and describes the groundwater basin, its legal status, groundwater recharge program and historical groundwater use.
3. Chapter 6 of the UWMP demonstrates that the City Gilroy does not purchase or import water from any other suppliers or entities.
4. Chapter 6 of UWMP also demonstrates that the there are no regulatory approvals required for the City of Gilroy to supply the Project with water.
5. Chapter 7 of the UWMP provides an analysis of water supply reliability addressing the capability of the water supply during emergency events in normal existing conditions, single dry years and multiple dry years.
6. As shown in Tables 7-2, 7-3 and 7-4 of the UWMP, the Project's Proposed Water Supply of 6.5 AFY (0.0058 mgd) for the first year and 2AFY (0.0018 mgd) for the ultimate buildout of both phases of the data center is well within the existing capacity of the groundwater resources in normal, single dry years and multiple dry years. (Note: In the UWMP Tables 7-2, 7-3, and 7-4, values are reported in units of one million gallons (MG), i.e., the 17,770 MG shown in Table 7-2 of the UWMP for the 2025 Normal Year Supply equates to 54,535 AF).

¹ The Project is extending a recycled water pipeline to the Project site and will cease using 5.5 AFY of potable water for cooling and landscaping when completed, currently estimated to be May 2023. The estimate of time is contingent upon the issuance of all applicable City of Gilroy permits for construction of the recycled water pipeline.

² The Project will be constructed and operated in two phases. Phase 1 will include the first data center building and Phase II will include the second data center building, each with a total maximum potable water demand of 1 AFY for a combined total of 2 AFY for the life of the Project.