



# Progress Report

## Del Puerto Canyon Reservoir Program Management

**Subject:** April 2024 Progress Report

**Prepared for:** Anthea Hansen (DPWD) and Chris White (SJRECWA)

**Prepared by:** Xavier Irias and Gina Habil (Woodard & Curran)

**Date:** June 14, 2024

**Project No.:** 0011297.00

This progress report summarizes the work performed by Woodard & Curran and subconsultants for the period between April 1, 2024 and April 26, 2024 for Del Puerto Canyon Reservoir Program Management. Please contact [aneal@woodardcurran.com](mailto:aneal@woodardcurran.com) or (925) 627-4114 with any questions.

### Work Performed

A summary of work performed during the current reporting period is summarized in the following table.

Task Description	Work Completed This Period
<p><b>Task 1</b> Program Management</p>	<ul style="list-style-type: none"> <li>• Weekly internal team and external client coordination meetings.</li> <li>• Project management tool maintenance (EVA, document management portal, staff management and tracking, sub billing calendar).</li> <li>• Budget, schedule, and scoping tracking and updates.</li> <li>• Coordination with and management of subcontractors.</li> <li>• Preparation of Monthly Board report.</li> </ul>
<p><b>Task 2</b> Agency Coordination and Permitting Plan</p>	<ul style="list-style-type: none"> <li>• USBR weekly meetings and preparation.</li> <li>• Internal meetings and staff coordination related to permitting and agency coordination efforts.</li> <li>• Updated and sent materials in support of WIIN PR2</li> </ul>

Task Description	Work Completed This Period
<p><b>Task 3</b> Reservoir Operations Analysis</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<p><b>Task 4</b> Funding</p>	<ul style="list-style-type: none"> <li>• Coordination regarding invoicing</li> </ul>
<p><b>Task 5</b> CEQA/NEPA</p>	<ul style="list-style-type: none"> <li>• Coordination with ICF regarding permits, EIS, and ongoing surveys.</li> <li>• Conducted prework surveys for kit foxes.</li> <li>• Prepared agency notifications for kit fox sightings</li> <li>• Coordination for Reclamation meetings.</li> <li>• Continued work on the EIS including development of construction information and figures for the 40-TAF and Ingram Canyon alternatives.</li> <li>• NHC finalized and submitted final summary memo of hydraulic modeling and inundation mapping for the Ingram Creek and Del Puerto Creek model alternatives</li> <li>• Environmental compliance activities for ongoing geotechnical work, including evaluation of compliance with USFWS requirements.</li> </ul>
<p><b>Task 6</b> Validate Facilities</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<p><b>Task 7</b> Procure Design Consultants</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>

Task Description	Work Completed This Period
<p><b>Task 8</b> Design Consultant Management</p>	<ul style="list-style-type: none"> <li>Continued to coordinate with Terra GeoPentech to identify necessary additional access needs.</li> <li>Continued research on outlet works and preparation of outlet TM.</li> <li>Held meetings with TYLin team to coordinate various items including the development and screening of roadway alternatives to present at the April 22 County meeting.</li> </ul>
<p><b>Task 9</b> Conveyance Facilities Preliminary Design</p>	<ul style="list-style-type: none"> <li>None</li> </ul>
<p><b>Task 10</b> USBR Feasibility Report</p>	<ul style="list-style-type: none"> <li>None</li> </ul>
<p><b>Task 11</b> Land-Owner Coordination</p>	<ul style="list-style-type: none"> <li>Furnish ICF with agreements to verify coverage of amphibian survey areas.</li> </ul>
<p><b>Task 12</b> Survey/Mapping</p>	<ul style="list-style-type: none"> <li>None</li> </ul>
<p><b>Task 13</b> Utility Company Coordination</p>	<ul style="list-style-type: none"> <li>Continued coordination with PG&amp;E and Terra regarding tower relocation.</li> </ul>
<p><b>Task 14</b> Outreach Support</p>	<ul style="list-style-type: none"> <li>None</li> </ul>

## Budget Status

As of this invoice, 82% of the project budget has been billed (\$10,031,450.27 of \$12,255,825.13). A budget breakdown by task is included in the below table.

**Table 1: Budget Breakdown By Task**

Task No.	Description	Budget	Previously Billed	Billed This Period	Total Billed to Date	Budget Remaining	% Billed to Date
1	Program Management	\$1,120,574.94	\$927,258.11	\$3,926.25	\$931,184.36	\$195,934.33	83%
2	Agency Coordination and Permitting Plan	\$1,205,643.56	\$1,184,244.17	\$16,939.07	\$1,201,183.24	\$5,007.82	100%
3	Reservoir Operations Analysis	\$383,833.50	\$374,161.00	\$0.00	\$374,161.00	\$9,672.50	97%
4	Funding Strategy	\$71,000.00	\$45,543.50	\$198.75	\$45,742.25	\$25,787.75	64%
5	CEQA/NEPA Compliance	\$3,724,736.91	\$2,377,985.06	\$14,693.39	\$2,392,678.45	\$1,336,693.96	64%
6	Validate Facilities	\$2,155,442.87	\$2,155,442.84	\$0.00	\$2,155,442.84	\$0.03	100%
7	Procure Design Consultants	\$148,875.06	\$141,333.05	\$0.00	\$141,333.05	\$7,542.01	95%
8	Design Consultant Management	\$567,016.51	\$173,735.82	\$5,496.25	\$179,232.07	\$398,369.44	32%
9	Conveyance Facilities Preliminary Design	\$1,082,317.94	\$1,082,317.94	\$0.00	\$1,082,317.94	\$0.00	100%
10	USBR Feasibility Study	\$571,778.64	\$571,778.64	\$0.00	\$571,778.64	\$0.00	100%
11	Land Owner Coordination	\$134,420.07	\$53,931.80	\$199.00	\$54,130.80	\$80,289.27	40%
12	Survey/Mapping	\$173,364.88	\$173,364.88	\$0.00	\$173,364.88	\$0.00	100%
13	Utility Company Coordination	\$515,007.06	\$373,457.60	\$1,460.00	\$374,917.60	\$140,089.46	73%
14	Outreach Coordination	\$401,813.19	\$376,824.90	\$0.00	\$376,824.90	\$24,988.29	94%
Total		\$12,255,825.13	\$10,011,379.31	\$42,912.71	\$10,054,292.02	\$2,201,533.11	82%

Notes:

<sup>1</sup> Task budgets are internally allocated and may be reallocated between tasks based on program need.

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## Schedule Status

Work through April was focused on analyzing the top roadway alternatives, finalizing hydraulic modeling and mapping for the 40-TAF and Ingram Canyon alternatives, and conducting the kit fox surveys to support geotechnical field investigations.

The roadway alternatives analysis remains the key schedule driver. The team is working to maintain strong communications with the County so that the final roadway alternative meets appropriate standards. The team presented the roadway alternatives to the County on April 22.

The upcoming work in the month of May will be focused on finalizing the road alignment selection. The road alignment selection will provide information necessary to develop other environmental studies necessary for the EIS and supplemental EIR information.

## Outstanding Issues

### CEQA litigation

- A Court decision upheld most of the analysis in the EIR, but directed that certification be set aside because the road relocation was not sufficiently defined. The Project team is now working to identify a preferred road alignment and issue a revised CEQA document evaluating impacts of the road.

### Bureau of Reclamation Coordination

- Based on extensive comments from cooperating agencies on Reclamation's draft EIS, Reclamation developed a new approach for the EIS by which W&C will draft a new EIS with substantial detail on alternatives including Ingram Canyon. We have started work on EIS and are currently focused on developing a description of the physical features associated with the Ingram Canyon alternative and determining the alignment for relocation of Del Puerto Canyon Road.
- We continue to await written confirmation that Reclamation concurs with our position that the Del Puerto Canyon Reservoir project is under construction, consistent with the requirements in section 4013(2) cited per criteria in section 4011f(2). Our project manager at USBR, Allison Jacobson, has indicated that our letter has been reviewed and there are no objections to our position.

### Army Corps Coordination

- The Corps is officially a cooperating agency for the USBR NEPA process. They have designated Reclamation to act on their behalf in the Section 7 consultation. We have a Preliminary Jurisdictional Determination from the Corps, which we have agreed is sufficient for the Project. We have determined that an Approved Jurisdictional Determination is not needed.

#### State Water Resources Control Board Coordination

- After the initial water rights application was reviewed by the State Board, additional coordination and analyses were required for the water availability analysis portion of the application. This has required more detailed data collection and analyses to estimate downstream impacts of flow reduction in the Del Puerto Creek. The State Board does not have streamlined guidelines for the requirements of the water availability analyses, and it is unknown what level of detail will be required for completion of the application at this time. The team has developed a strategy for the water availability analysis and drafted a TM which will be presented to the State Board for further discussion before re-submitting the application.

#### Utility Company Coordination

- Woodard & Curran continues to work with Crimson to relocate the Crimson pipeline, and is sharing project data with the Crimson team to facilitate their work.



# Progress Report

## Del Puerto Canyon Reservoir Program Management

**Subject:** May and June 2024 Progress Report

**Prepared for:** Anthea Hansen (DPWD) and Chris White (SJRECWA)

**Prepared by:** Xavier Irias and Gina Habil (Woodard & Curran)

**Date:** July 5, 2024

**Project No.:** 0011297.00

This progress report summarizes the work performed by Woodard & Curran and subconsultants for the period between April 29, 2024 and June 28, 2024 for Del Puerto Canyon Reservoir Program Management. Please contact [aneal@woodardcurran.com](mailto:aneal@woodardcurran.com) or (925) 627-4114 with any questions.

### Work Performed

A summary of work performed during the current reporting period is summarized in the following table.

Task Description	Work Completed This Period
<p><b>Task 1</b> Program Management</p>	<ul style="list-style-type: none"> <li>• Weekly internal team and external client coordination meetings.</li> <li>• Project management tool maintenance (EVA, document management portal, staff management and tracking, sub billing calendar).</li> <li>• Budget, schedule, and scoping tracking and updates.</li> <li>• Coordination with and management of subcontractors.</li> <li>• Preparation of Monthly Board report.</li> <li>• Preparation of WHWD flyer.</li> </ul>
<p><b>Task 2</b> Agency Coordination and Permitting Plan</p>	<ul style="list-style-type: none"> <li>• USBR weekly meetings and preparation.</li> </ul> <p>Internal meetings and staff coordination related to permitting and agency coordination efforts.</p>

Task Description	Work Completed This Period
<p><b>Task 3</b> Reservoir Operations Analysis</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<p><b>Task 4</b> Funding</p>	<ul style="list-style-type: none"> <li>• Continued IRWM Round 2 grant administration.</li> </ul>
<p><b>Task 5</b> CEQA/NEPA</p>	<ul style="list-style-type: none"> <li>• Coordination with ICF regarding permits, EIS, and ongoing surveys.</li> <li>• Prepared agency notifications to CNDDDB and USFWS for kit fox sightings</li> <li>• Conducted prework surveys for test pit</li> <li>• Amphibian surveys conducted on May 22-23.</li> <li>• Coordination for Reclamation meetings.</li> <li>• Ingram Canyon biological and cultural surveys of parcels for which access is available.</li> <li>• Began scoping out level of effort to prepare Partially Recirculated Revised Draft EIR (PRRDEIR) to address new alignment for road relocation.</li> <li>• Continued work on the EIS including development of construction information and figures for the 40-TAF and Ingram Canyon alternatives.</li> <li>• Environmental compliance activities for ongoing geotechnical work, including evaluation of compliance with USFWS requirements.</li> <li>• Reviewed environmental permitting needs for Alternative 9 and access roads</li> </ul>
<p><b>Task 6</b> Validate Facilities</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>



Task Description	Work Completed This Period
<p><b>Task 7</b> Procure Design Consultants</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<p><b>Task 8</b> Design Consultant Management</p>	<ul style="list-style-type: none"> <li>• Continued to coordinate with Terra GeoPentech to identify necessary additional access needs.</li> <li>• Held meetings with TYLin team to coordinate various items including the development and screening of roadway alternatives.</li> <li>• Coordinated test pits with TGP.</li> <li>• Worked with TGP and Technical Review Board to schedule upcoming meetings.</li> </ul>
<p><b>Task 9</b> Conveyance Facilities Preliminary Design</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<p><b>Task 10</b> USBR Feasibility Report</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<p><b>Task 11</b> Land-Owner Coordination</p>	<ul style="list-style-type: none"> <li>• Developed Barletta agreement and map.</li> </ul>
<p><b>Task 12</b> Survey/Mapping</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<p><b>Task 13</b> Utility Company Coordination</p>	<ul style="list-style-type: none"> <li>• Coordinated with TYLin for potential 30% PG&amp;E utility roads, reviewed draft scopes of work and likely schedule for the work.</li> </ul>
<p><b>Task 14</b> Outreach Support</p>	<ul style="list-style-type: none"> <li>• None</li> </ul>

## Budget Status

As of this invoice, 83% of the project budget has been billed (\$10,133,547.62 of \$12,255,825.13). A budget breakdown by task is included in the below table.

**Table 1: Budget Breakdown By Task**

Task No.	Description	Budget	Previously Billed	Billed This Period	Total Billed to Date	Budget Remaining	% Billed to Date
1	Program Management	\$1,120,574.94	\$931,184.36	\$11,635.00	\$942,819.36	\$177,755.58	84%
2	Agency Coordination and Permitting Plan	\$1,225,643.56	\$1,201,183.24	\$12,152.27	\$1,213,335.51	\$12,308.05	99%
3	Reservoir Operations Analysis	\$383,833.50	\$374,161.00	\$0.00	\$374,161.00	\$9,672.50	97%
4	Funding Strategy	\$71,000.00	\$45,742.25	\$3,128.75	\$48,871.00	\$22,129.00	69%
5	CEQA/NEPA Compliance	\$3,724,736.91	\$2,392,678.45	\$39,087.08	\$2,431,765.53	\$1,292,971.38	65%
6	Validate Facilities	\$2,155,442.87	\$2,155,442.84	\$0.00	\$2,155,442.84	\$0.03	100%
7	Procure Design Consultants	\$148,875.06	\$141,333.05	\$0.00	\$141,333.05	\$7,542.01	95%
8	Design Consultant Management	\$567,016.51	\$179,232.07	\$8,690.00	\$187,922.07	\$379,094.44	33%
9	Conveyance Facilities Preliminary Design	\$1,082,317.94	\$1,082,317.94	\$0.00	\$1,082,317.94	\$0.00	100%
10	USBR Feasibility Study	\$571,778.64	\$571,778.64	\$0.00	\$571,778.64	\$0.00	100%
11	Land Owner Coordination	\$114,420.07	\$54,130.80	\$547.50	\$54,678.30	\$59,741.77	48%
12	Survey/Mapping	\$173,364.88	\$173,364.88	\$0.00	\$173,364.88	\$0.00	100%
13	Utility Company Coordination	\$515,007.06	\$374,917.60	\$4,015.00	\$378,932.60	\$136,074.46	74%
14	Outreach Coordination	\$401,813.19	\$376,824.90	\$0.00	\$376,824.90	\$24,988.29	94%
Total		\$12,255,825.13	\$10,054,292.02	\$79,255.60	\$10,133,547.62	\$2,122,277.51	83%

Notes:

<sup>1</sup> Task budgets are internally allocated and may be reallocated between tasks based on program need.

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## Schedule Status

Work through May and June was focused on analyzing the top roadway alternatives, finalizing hydraulic modeling and mapping for the 40-TAF and Ingram Canyon alternatives, and informing agencies of the results of kit fox surveys that were conducted to support geotechnical field investigations.

The roadway alternatives analysis remains the key schedule driver. The team is working to maintain strong communications with the County so that the final roadway alternative meets appropriate standards. At a May 14 meeting, the County requested that stakeholders be involved about the road alignment selection.

The upcoming work in the month of July will be focused on finalizing the road alignment selection. The road alignment selection will provide information necessary to develop other environmental studies necessary for the EIS and supplemental EIR information.

## Outstanding Issues

### CEQA litigation

- A Court decision upheld most of the analysis in the EIR, but directed that certification be set aside because the road relocation was not sufficiently defined. The Project team is now working to identify a preferred road alignment and issue a revised CEQA document evaluating impacts of the road.

### Bureau of Reclamation Coordination

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for the Project. We have determined that an Approved Jurisdictional Determination is not needed.

#### State Water Resources Control Board Coordination

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#### Utility Company Coordination

- Woodard & Curran continues to work with Crimson to relocate the Crimson pipeline, and is sharing project data with the Crimson team to facilitate their work.

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**Anthea Hansen**

**From:** Los Vaqueros Reservoir JPA <info-losvaquerosjpa.com@shared1.ccsend.com>  
**Sent:** Friday, June 28, 2024 4:19 PM  
**To:** Anthea Hansen  
**Subject:** Los Vaqueros Reservoir Joint Powers Authority Update

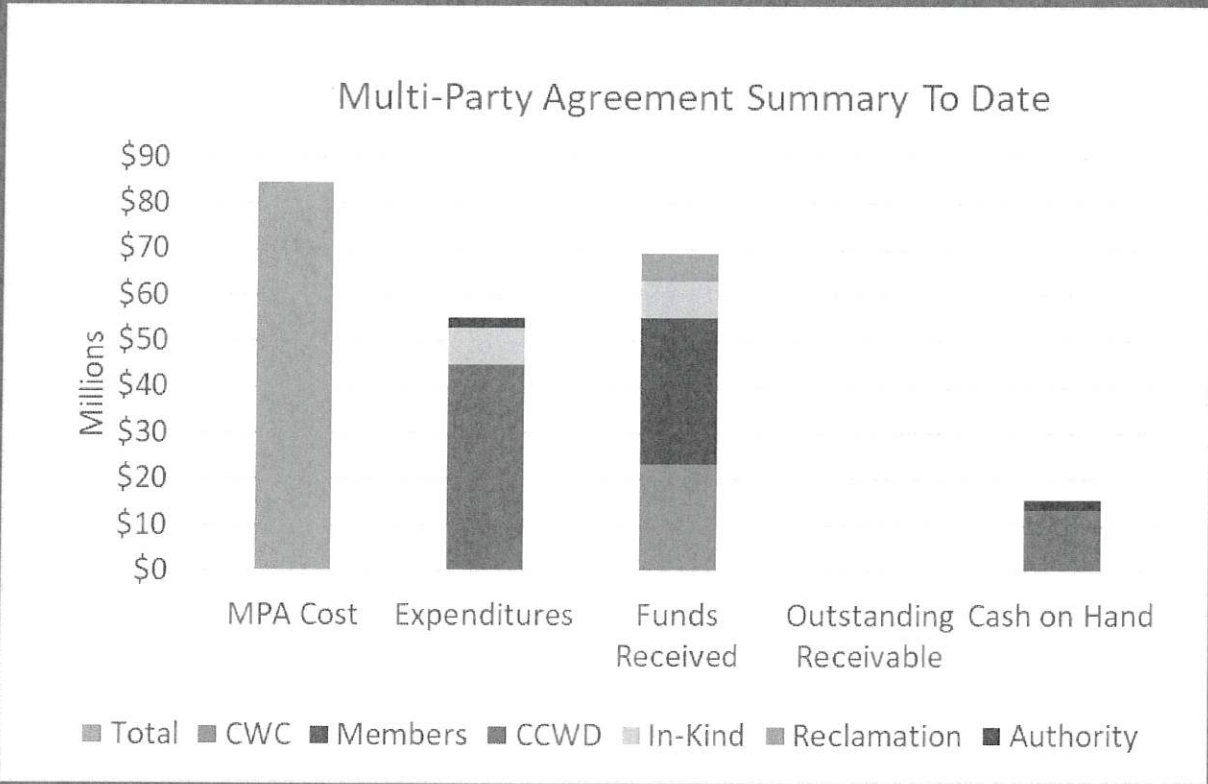
June 28, 2024

# Los Vaqueros Reservoir Joint Powers Authority Update



## UPDATE ON MULTIPARTY COST SHARE AGREEMENT

The following chart provides an overview of the MPA expenditures through May 31, 2024, as well as in-kind services, funds received, outstanding receivables, and cash on hand.



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## JUNE BOARD OF DIRECTORS MEETING RECAP

On June 12, the JPA Board of Directors met in person at Zone 7 Water Agency. Action items included an election to fill JPA Board and committee vacancies, approval of the Fiscal Year 2023 audit report, adoption of a resolution approving the Fiscal Year 2025 budget, and adoption of a resolution approving Fiscal Year 2025 consultant contract amendments. The Board also received updates on budget and schedule, agreements, design and permitting, federal relations activities, and engagement with Reclamation. The next JPA Board Meeting is scheduled for July 10 at Zone 7 Water Agency. In accordance with the Brown Act, the meeting agenda packet will be posted on the [JPA website](#) in advance of the meeting.

## JPA BOARD OF DIRECTORS RECOGNIZES ANGELA RAMIREZ HOLMES

At its June 12 meeting, the JPA Board recognized Angela Ramirez Holmes for her dedication to the Phase 2 Los Vaqueros Reservoir Expansion Project and assistance to the JPA. Ms. Ramirez Holmes has been instrumental in advancing the Project during her many years of public service on the Zone 7 Board of Directors, as well as serving as the first Chair of the JPA's Board, and as chair of the JPA's Communications and Outreach Committee. She assisted with the formation and organization of the JPA, and adeptly represented this unique regional partnership in interactions with various state and federal agencies to move the Project forward.



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## ENGINEERING UPDATE

The Project cost estimate was updated to reflect the current schedule. Costs increased from \$1.44B to \$1.59B, not including JPA administration costs. Details were provided on the land acquisition process for the project facilities.

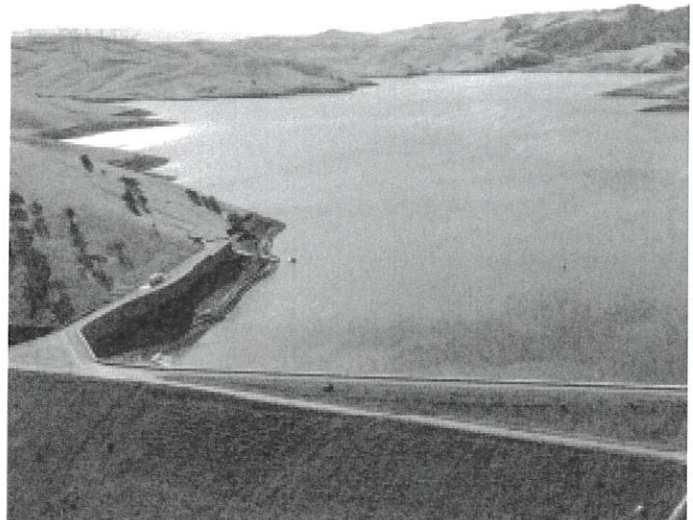
The design for the dam expansion facility received approval from the California Division of Safety of Dams. Consistent with the Capital Preservation Strategy, design for Pumping Plant 1 was placed on hold after progressing to 90 percent complete. Design work on the Transfer Bethany Pipeline reached 30 percent complete and was placed on hold. Design will resume pending receipt of funding from the California Water Commission.

## UPCOMING MEETINGS

July 10 – 9:30 a.m.  
JPA Board Meeting (Zone 7 Water Agency)

July 16 – 8 a.m. (Rescheduled)  
JPA Finance Committee Meeting (Virtual)

July 18 – 10 a.m.  
JPA Operations & Engineering Committee Meeting (Virtual)



## ADDITIONAL PROJECT INFORMATION

[losvaquerosjpa.com](http://losvaquerosjpa.com)  
[ccwater.com/lvstudies](http://ccwater.com/lvstudies)

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