VII. A.

Anthea Hansen

From:

Public Affairs < mppublicaffairs@usbr.gov>

Sent:

Friday, April 1, 2022 8:30 AM

To:

Anthea Hansen

Subject:

Reclamation updates CVP water supply allocation for M&I contractors





For Release: April 1, 2022

Contact: Mary Lee Knecht, 916-978-5100, mknecht@usbr.gov

Reclamation updates Central Valley Project water supply allocation for municipal and industrial contractors

SACRAMENTO, Calif. – Due to critically dry hydrologic conditions, Reclamation is updating water supply allocations for Central Valley Project municipal and industrial water service contractors. Effective April 1, water supply for all Central Valley Project M&I water service contractors will be reduced to Public Health and Safety. The announcement comes after the first three months of 2022 are the driest in the state's recorded history.

Initial CVP water supply allocations were announced last month, which included a 25% allocation for M&I water service contactors with exception of north-of-Delta M&I contractors, who were already allocated Public Health and Safety due to limited northern California water storage.

"We recognize this reduction has real impacts on our CVP contractors and the communities they serve," said Regional Director Ernest Conant.
"This is a very difficult water year for the Central Valley Project and all of California, leading to difficult outcomes and unprecedented actions. We do not take these decisions lightly and appreciate the collaboration of our CVP partners."

There are no updates to other CVP water supply allocations at this time. Water supply updates are made as appropriate and posted on Reclamation's website. View Reclamation's M&I shortage policy here.

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North of O'Neill Long-Term Exchange Agreements Extension to 2035

CGB-EA-2022-022
Draft Environmental Assessment

Mission Statements

The U.S. Department of the Interior protects and manages the Nation's natural resources and cultural heritage; provides scientific and other information about those resources; and honors its trust responsibilities or special commitments to American Indians, Alaska Natives, and affiliated Island Communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

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1 Introduction

1.1 Background

Byron Bethany Irrigation District (Byron Bethany) which provides water service to the Musco Family Olive Company (Musco), the United States Department of Veteran's Affairs San Joaquin Valley National Cemetery (National Cemetery), and Del Puerto Water District (Del Puerto) are three Central Valley Project (CVP) contractors located south of the Harvey O. Banks Pumping Plant (Banks) and north of O'Neill Forebay (O'Neill), collectively referred to as North of O'Neill Contractors.

Musco, located in San Joaquin County, contracts for up to 800 acre-feet (AF) of CVP water annually for municipal and industrial (M&I) purposes from Byron Bethany; however, Musco is located adjacent to the California Aqueduct and has no physical connection to the CVP or Byron Bethany's conveyance facilities. As a result, the California Department of Water Resources (DWR) has provided State Water Project (SWP) water to Musco under short-term exchange agreements with the Bureau of Reclamation (Reclamation), Byron Bethany and/or Musco since 1984.

The National Cemetery, located in Merced County, contracts with Reclamation for up to 850 AF of CVP water supply annually for M&I purposes. The National Cemetery is also located adjacent to the California Aqueduct and does not have a physical connection to CVP conveyance facilities. DWR has provided SWP water to the National Cemetery under short-term exchange agreements with Reclamation and the National Cemetery since 1990.

Del Puerto, located in San Joaquin, Stanislaus and Merced Counties along the Delta-Mendota Canal and the California Aqueduct, has a CVP water supply contract for agricultural and incidental M&I purposes. Del Puerto's existing infrastructure connected to the Delta-Mendota Canal is old, over prescribed, and costly to replace. Since 2014, DWR has facilitated the delivery of CVP water to Del Puerto via an exchange with Reclamation. Exchanged water is conveyed to some of Del Puerto's lands adjacent to the California Aqueduct through Oak Flat Water District's (Oak Flat) existing SWP turnouts and facilities.

In 2015, the Reclamation completed an Environmental Assessment (EA) that analyzed proposed long-term exchange agreements between the DWR and the North of O'Neill Contractors through 2030. Reclamation analyzed the affected environment and determined that the Proposed Action does not have the potential to cause direct, indirect, or cumulative adverse effects to the following resources: air quality, cultural resources, environmental justice, global climate change, Indian Sacred Sites, Indian Trust Assets, land use, or socioeconomic resources. Reclamation also determined that, with the implementation of environmental commitments included as part of the proposed action, direct, indirect, and cumulative impacts to water resources and biological resources would be less than significant and issued a Finding of No Significant Impact (FONSI) on June 16, 2015 (Reclamation 2015). The 2015 EA and FONSI are hereby incorporated by reference.

On December 30, 2020, the State Water Resources Control Board (State Board) issued a 15-year order approving the long-term transfer between Reclamation and DWR associated with the North of O'Neill Contractors' exchange agreements. Under the order, Reclamation and DWR are allowed to annually exchange up to 5,616 AF between the CVP and SWP to meet the North of O'Neill Contractors water supply needs (up to 800 AF for BBID to provide to Musco, up to 850 AF for National Cemetery, and up to 3,966 AF to Del Puerto).

1.2 Purpose and Need for the Proposed Action

Reclamation needs to assess the impacts of extending the long-term exchange agreements covered in the 2015 EA for another five years to be consistent with the 2020 State Board order. The purpose of the Proposed Action is to provide a more reliable, long-term, exchange agreement for these contractors.

2 Alternatives Including Proposed Action

2.1 No Action Alternative

Under the No Action Alternative, Reclamation would not extend the period of time for the proposed long-term exchange agreements with DWR and the North of O'Neill Contractors from 2030 to 2035. The long-term exchange agreements would still be able to be executed through 2030 as analyzed in the 2015 EA.

2.2 Proposed Action

Under the Proposed Action, Reclamation would extend the period of time for the proposed long-term exchange agreements with DWR and the North of O'Neill Contractors from 2030 to 2035 consistent with the 2020 State Board order. This is the only change from what was covered in the 2015 EA and all other conditions and requirements remain the same.

2.2.1 Environmental Commitments

Reclamation, DWR, and the North of O'Neill Contractors shall implement the same environmental protection measures included in the 2015 EA. These measures include:

- The Proposed Action would not affect CVP or SWP operations; all supplies would be previously scheduled for delivery points south-of-Delta, and do not require additional Delta exports.
- The water would only be used for beneficial purposes and in accordance with Federal Reclamation law and guidelines.
- The water would not be used to place untilled or new lands into production, or to convert undeveloped land to other uses.

- No new construction or modification of existing facilities may occur in order to complete the Proposed Action.
- The Proposed Action cannot alter the flow regime of natural waterways or natural watercourses such as rivers, streams, creeks, ponds, pools, wetlands, etc., so as to have a detrimental effect on fish or wildlife or their habitats.

Environmental consequences for resource areas assume the measures specified would be fully implemented.

3 Affected Environment and Environmental Consequences

The Affected Environment is the same as described in the 2015 EA. As the 2015 EA has been incorporated by reference the Affected Environment is not repeated here.

3.1 Air Quality

The change in term from 2030 to 2035 would not have any impacts to air quality. As noted in the 2015 EA, some pumping would be required to move water under the Proposed Action, but power usage would be within the typical range for the facilities involved. No air emissions are anticipated outside normal operational fluctuations.

3.2 Agricultural Resources

The change in term from 2030 to 2035 would not have any impacts to agricultural resources. Existing water supplies would continue to be used to irrigate existing crops within the North of O'Neill Contractors service areas.

3.3 Biological Resources

The change in term from 2030 to 2035 would not have any additional impacts to biological resources beyond those analyzed in the 2015 EA. There would be no construction, no changes in CVP or SWP pumping, and water would only be used to support existing land uses. There is no critical habitat in the Proposed Action Area; therefore, none would be affected. The San Joaquin kit fox and any migrating birds would continue to use the Proposed Action area as they currently do under baseline conditions. With the implementation of the environmental commitments included in Section 2.2.1, and based upon the nature of this Action, Reclamation has determined there would be No Effect to proposed or listed species or critical habitat under the Endangered Species Act of 1973, as amended (16 U.S.C. §1531 et seq.), and there would be no take of birds protected under the Migratory Bird Treaty Act (16 U.S.C. §703 et seq.).

3.4 Climate Change

The Proposed Action does not include construction of new facilities or modification to existing facilities. While pumping would be necessary to exchange and deliver water to the North of O'Neill Contractors, no additional electrical production beyond baseline conditions would occur. In addition, the generating power plant that produces electricity for the electric pumps operates under permits that are regulated for greenhouse gas emissions. As such, there would be no additional impacts to global climate change by extending the term of the long-term exchange agreements from 2030 to 2035 beyond those already analyzed in the 2015 EA.

3.5 Cultural Resources

There would be no impacts to cultural resources as a result of implementing the Proposed Action as the Proposed Action would facilitate the flow of water through existing facilities to existing users. No new construction or ground disturbing activities would occur as part of the Proposed Action. Reclamation has determined that these activities have no potential to cause effects to historic properties pursuant to 36 CFR Part 800.3(a)(1).

3.6 Environmental Justice

Executive Order 12898 requires each federal agency to identify and address disproportionately high and adverse human health or environmental effects, including social and economic effects of its program, policies, and activities on minority populations and low-income populations. The Proposed Action would not cause dislocation, changes in employment, or increase flood, drought, or disease nor would it disproportionately impact economically disadvantaged or minority populations.

3.7 Indian Sacred Sites

Executive Order 13007 (May 24, 1996) a requires that federal agencies accommodate access to and ceremonial use of Indian sacred sites by Indian religious practitioners and avoids adversely affecting the physical integrity of such sacred sites. The Proposed Action would not limit access to and ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or affect the physical integrity of such sacred sites. There would be no impacts to Indian sacred sites as a result of the Proposed Action.

3.8 Indian Trust Assets

Indian Trust Assets are legal interests in assets that are held in trust by the United States for federally recognized Indian tribes or individuals. There are no Indian reservations, rancherias or allotments in the Proposed Action area. The nearest Indian Trust Asset is the Lytton Rancheria which is over 50 miles from the Proposed Action area. The Proposed Action does not have a potential to affect Indian Trust Assets.

3.9 Water Resources

The change in term from 2030 to 2035 would not have any additional impacts to water resources beyond those analyzed in the 2015 EA.

The exchange of CVP and SWP water supplies would be one-for-one and would utilize existing facilities. No new infrastructure, modifications of existing facilities, or ground disturbing activities would be required in order to facilitate the exchange. The exchanged water would be used for existing agricultural and municipal uses within the SWP Place of Use downstream of O'Neill and by the North of O'Neill Contractors.

CVP and SWP facilities would not be impacted as the exchanged water will be scheduled and approved by Reclamation and DWR in advance consistent with the 2020 State Board order and operational requirements for both projects. There would be no increase in diversions from the Delta by either DWR or Reclamation as a result of the exchanges and the Proposed Action would not interfere with Reclamation's obligations to deliver water to other contractors, wetland habitat areas, or for other environmental purposes.

3.10 Cumulative Impacts

In the Council on Environmental Quality's (CEQ's) July 16, 2020 "Update to Regulations Implementing the Procedural Provisions of the National Environmental Policy Act" (85 FR 43304) the definition of cumulative impacts provided in 40 CFR 1508.7 was repealed. The CEQ conveyed the position that the analysis of cumulative effects, as defined in the 1978 regulations, is not required under NEPA. This regulation update does not preclude the analysis of cumulative effects, but identifies that all analyses of environmental effects, including cumulative effects, should focus on those effects that are reasonably foreseeable and have a reasonably close causal relationship to the proposed action.

Reclamation has made the determination that the effects of the Proposed Action evaluated in this EA, combined with other reasonably foreseeable projects, would not result in cumulative impacts to any of the resources described above. CVP and SWP operations would not be impacted as they would be coordinated and consistent with the 2020 State Board order and other operational requirements.

4 Consultation and Coordination

4.1 Agencies and Persons Consulted

Reclamation has consulted with DWR, the State Board, and the North of O'Neill Contractors on the Proposed Action addressed in this EA.

4.2 Public Involvement

Reclamation provided the public with an opportunity to comment on the 2015 Draft EA during a 30-day public review period. No comments were received. Reclamation intends to offer the public with an opportunity to provide comments on this EA as well.

5 References

Bureau of Reclamation (Reclamation). 2015. Finding of No Significant Impact and Final Environmental Assessment for the North of O'Neill Long-term Exchange Agreements (EA-15-009). California-Great Basin Region, South-Central California Area Office. Fresno CA. Website: https://www.usbr.gov/mp/nepa/nepa project details.php?Project ID=21221.

Bureau of Reclamation (Reclamation). 2016. Record of Decision and Environmental Impact Statement for the Coordinated Long-Term Operation of the Central Valley Project and State Water Project. California-Great Basin Region, Bay-Delta Office. Sacramento, CA.



MEMORANDUM

TO: SLDMWA BOARD OF DIRECTORS

FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER

SUBJECT APRIL OPERATIONS UPDATE

DATE: APRIL 1, 2022

Project Operations

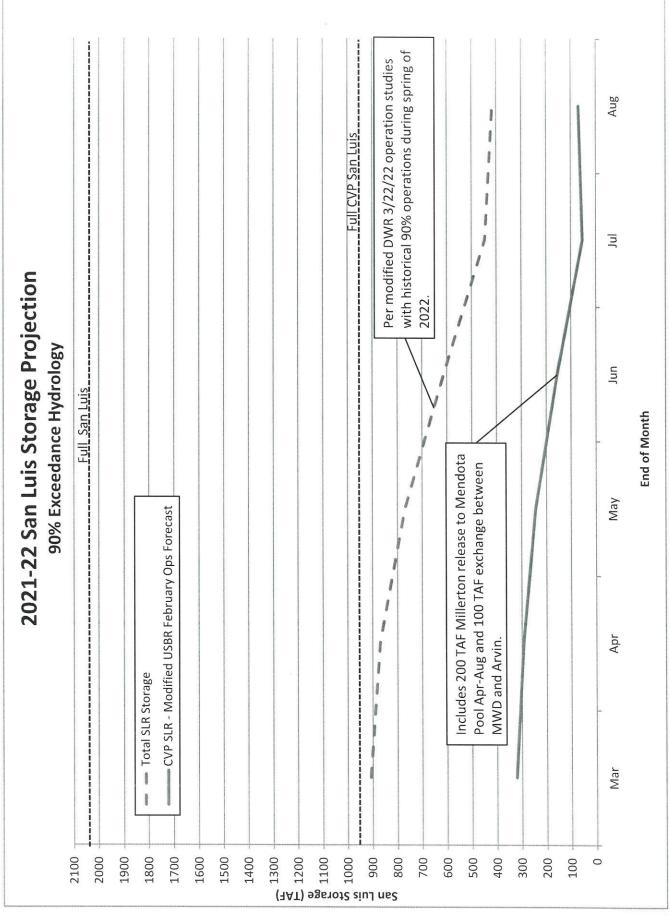
- Jones pumped at its minimum rate of 800 cfs for most of March with brief increases to capture available water in the Delta. The reduced pumping was restricted by the Delta outflow standard required by D-1641requirement. Jones pumping returned to its minimum on March 30 to the Export/Inflow (E/I) ratio standard as described in D-1641. Under the E/I ratio, total exports are limited to the greater of either 35% of Delta inflow or a minimum pumping rate of 1,500 cfs.
- The current Delta outflow requirement is 7,100 cfs but may be reduced to 4,000 cfs if the State Water Resources Control Board approves a request by the Projects to reduce the requirement. With approval of the Delta outflow relaxation, the Projects could reduce upstream releases by at least 185 TAF.
- As of last month, Reclamation estimated the accounting balance under the Coordinated Operations Agreement (COA) was about 375 TAF in favor of the CVP. The COA accounting imbalance has since declined by an undetermined amount because of recent increased Oroville releases that helped the CVP meet its share of the Delta outflow requirement.
- Accumulated precipitation in the Sacramento Valley finished March at 16% of average.
 Year to date precipitation has declined to 75% of average which is about 10" more than this date last year.
- Shasta storage is 1.73 TAF 52% of average. Although reservoir releases are at the minimum rate of 3,250 cfs, storage increased by only 42 TAF during March. Absent significant storms in April, the maximum storage this spring may increase to only 1,850 TAF which is about 150 TAF below Reclamation's latest conservative projection.
- Folsom storage is 574 TAF an increase of 50 TAF since March 1. With the snowpack down to 43% of the year-to-date average, Reclamation estimates that the reservoir will fall short of filling by about 60 TAF later this spring.
- CVP demands for March were about 75% of the 15-year average.

2021-22 San Luis Reservoir Operations

The CVP's share of the San Luis Reservoir (SLR) is 333 TAF which reflects a gain of only 20 TAF during March.

The attached 90% and 50% exceedance SLR charts include a proposed 100 TAF exchange between Friant and Metropolitan Water District. The exchange would make SWP water available in the CVP share of the O'Neill Forebay to meet Exchange Contractor demands in exchange for Friant water delivered to the MWD via the Cross Valley Canal. The charts also include the release of up to 200 TAF from Millerton to the Mendota Pool to meet Exchange Contractor demands during mid-April to mid-August.







T. Boardman, WWD 3/30/2022



DEL PUERTO WATER DISTRICT 2022-23 SUPPLY/USE/COMPLETED TRANSACTIONS SUMMARY as of March 31, 2022

Supply Type	2022-23
2021-22 Rescheduled Warren Act Supply	1,453
2021-22 Rescheduled Warren Act Supply	4,291
2021-22 Rescheduled NVRRWP Supply	13,472
Lees: Monthly 1% Storage Loss Est.	(382)
Sub-Total: Rescheduled Supplies	18,834
2022 CVP Allocation (0%)	0
2022 Ground Water Pump-ins	3,367
2022 NVRRWP	20,019
2022 CCID Exchange	553
Sub-Total: Current Year Customer Supplies	23,939
2022 YCWA	4,700
2022 GWD Transfer	250
2022 Volta Wells Transfer	175
2022 Mapes Transfer	3,837
Subtotal: Outside Purchases	8,962
Total Gross Projected Supply Available	51,735

Mar 2022 Quantity	Completed to Date
232	232
2226	2226
	J

2021-22 IN DISTRICT USE		2022-23 IN DISTRICT USE	2022-23 OCRRP USE	2022-23 TRANSFERS OUT	2022-23 MONTHLY USE
1,930	MAR	1,824			1,824
4,307	APR				0
5,716	MAY				0
6,976	JUN				0
7,551	JUL				0
4,654	AUG				0
2,984	SEP				0
1,625	ОСТ				0
188	NOV				0
255	DEC				0
45	JAN				0
1,591	FEB				0
37,822		1,824	0	0	
			TOTAL U	JSED & TRANSFERRED OUT	1,824
	-			TOTAL SCHEDULED	36,250
		TOTAL EST	TIMATED FOR RE	SCHEDULING INTO 2023-24	13,661
a constant			TOTAL GROS	S PROJECTED SUPPLY AVAILABLE	51,735

NOTE: The District has 3,365 AF in storage at AEWSD and 2,000 AF in storage at LTRID.

	Late Cust.	274
395	Pacheco Rtn	395
	WWD 2021	500
500	WWD 2022	500
2000	SLWD	2000
258	Solar Trans	260
<u>1790</u>	NVRRWP Short	<u>729</u>
4943		18,905

\$2,862,123.00

Customers

14247

\$13,347,894.97 \$514.01

04.04.22 Based on 0% Allocation

\$200,406.00

-\$199,870.00

\$296,637.00

\$245,804.00

10,000 Gross THIS SCENARIO ASSUMES ALL TRANSACTIONS PERFECTED 9,500 Net YEAR 2021-22 395 789 303 326 119 1747 9500 62 60 4158 281 177 6051 25968 District C/O WSID Non-Proj Pacheco Return SLCC **FCWD** CCWD **HOMER** PID Mapes Trxfr **AEWSD Return YCWA** GWD L2 Exch Volta Well Exch SEWD SLDMWA \$29.00 \$29.00 \$29.00 \$29.00 \$29.00 \$29.00 \$29.00 \$13.00 \$29.00 \$29.00 \$29.00 \$29.00 \$29.00 \$29.00 BOR Rate \$40.00 \$40.00 \$68.00 \$68.00 \$40.00 -\$1,000,000.00 SLWD Rev 2 Other \$150.00 \$262.00 \$17,008.04 To Seller \$185.00 -\$575.00 \$950.00 \$1,250.00 \$725.00 \$200.00 \$360.00 \$425.00 \$150.00 \$569.00 \$400.00 \$533.00 \$444.00 \$312,901.93 582 AF YCV Est Cost \$254.00 -\$506.00 \$979.00 \$754.00 \$229.00 \$1,279.00 \$389.00 \$675.53 \$247.00 \$291.00 \$638.00 \$429.00 \$562.00 \$473.00 789 395 303 326 2,000 119 1,747 9,500 62 60 4,158 281 177 6,051 25,968

\$6,417,500.00

\$15,314.00

\$17,460.00

\$2,652,804.00

\$120,549.00

\$99,474.00

303 To SLWD 326 To SLWD 119 To SLWD 1,252 To SLWD 500 to WWD

\$679,583.00

THIS SCENARIO ASSUMES ALL TRANSACTIONS PERFECTED WITH 5,962 Gross MAPES TRANSFER AT ACTUAL TO DATE 5,664 Net

\$152,201.00

\$458,000.00

			1417	THE THOUSEN	THOTOAL TO BE	11L		3,004 Net								
YEAR 2021-22	789 District C/O	395 Pacheco Return	303 SLCC	326 FCWD	2000 CCWD	119 HOMER	1747 PID	5664 Mapes Trxfr	62 WSID Non-Proj	60 AEWSD Return	4158 YCWA	281 GWD L2 Exch	177 Volta Well Exch	6051 SEWD	22132	
SLDMWA BOR Rate	\$29.00 \$40.00	\$29.00 \$40.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$13.00 \$68.00	\$29.00 \$68.00	\$29.00	\$29.00 \$40.00	\$29.00	\$29.00	\$29.00	-\$1,000,000.00	CLMD D
Other To Seller	\$185.00	-\$575.00	\$950.00	\$725.00	\$200.00	\$1,250.00	\$360.00	\$150.00 \$626.00	\$150.00 \$150.00	\$262.00	\$569.00	\$400.00	\$533.00	\$444.00	\$17,000,000.00 \$17,008.04 \$312,901.93	SLWD R
Est Cost	\$254.00 <u>789</u>	-\$506.00 <u>395</u>	\$979.00 <u>303</u>	\$754.00 <u>326</u>	\$229.00 <u>2,000</u>	\$1,279.00 <u>119</u>	\$389.00 <u>1,747</u>	\$743.95 <u>5,664</u>	\$397.00 <u>62</u>	\$291.00 <u>60</u>	\$638.00 <u>4,158</u>	\$429.00 <u>281</u>	\$562.00 <u>177</u>	\$473.00 6,051	22,132	
	\$200,406.00	-\$199,870.00	\$296,637.00	\$245,804.00	\$458,000.00	\$152,201.00	\$679,583.00	\$4,213,750.00	\$24,614.00	\$17,460.00	\$2,652,804.00	\$120,549.00	\$99,474.00	\$2,862,123.00	\$11,153,444.97 \$503.95	

Del Puerto Water DistrictActive Permits and Licenses

Active Permits					
Permit No.	Issued Date	Expires	Project	Landowner/Entity	Location
P2202026	3/3/2022			Ford Construction	45.78R/Davis Road
P2303001	3/3/2022	ш,		Van Elderen/Brent Azevedo	60.65L to 62.09L
P2302003	4/8/2022	5/31/2023	Water Samples for Trihalomethanes (THM's)	City of Turlock/NVRRWP	37.24 to 45.77
P2302004	4/6/2022	4/30/2022	Repair Leaking Distribution Box/Standpipe	JEM	43.22L
P2302005	4/14/2022	5/15/2022		Naimi's Ranch	67.55L
Active Licenses					
Contract No.	Issued Date	Expires	Project		Location
15-LC-20-0643	7/14/2015	Not Const.	Installation of Non-Project Warren Act Pump-In	Shiraz Ranch	51.00R



	Task		Project Summary	Manual Task	Start-only	Service Control of the Control of th	Deadline	₽
Project: DMC Pumpback Sched	Split	[11][1][[1][[1][[1][[1][[1][[1][[1][[1]	Inactive Task	Duration-only	Finish-only	20 marine	Progress	
Date: Mon 4/11/22	Milestone	♦	Inactive Milestone	Manual Summary Rollup	External Tasks		Manual Progress	***************************************
	Summary		Inactive Summary	Manual Summary	External Milestone			

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