

FFMP2017 STUDIES PROGRESS UPDATE

DRBC REGULATED FLOW ADVISORY COMMITTEE (RFAC)

APRIL 29, 2024

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FFMP 2017 Studies

- Balancing Adjustment
- Detachment (Salinity)
- Storage Optimization
- NJ Diversion
- ERQ

2023 Amendment

- Synthesis Study

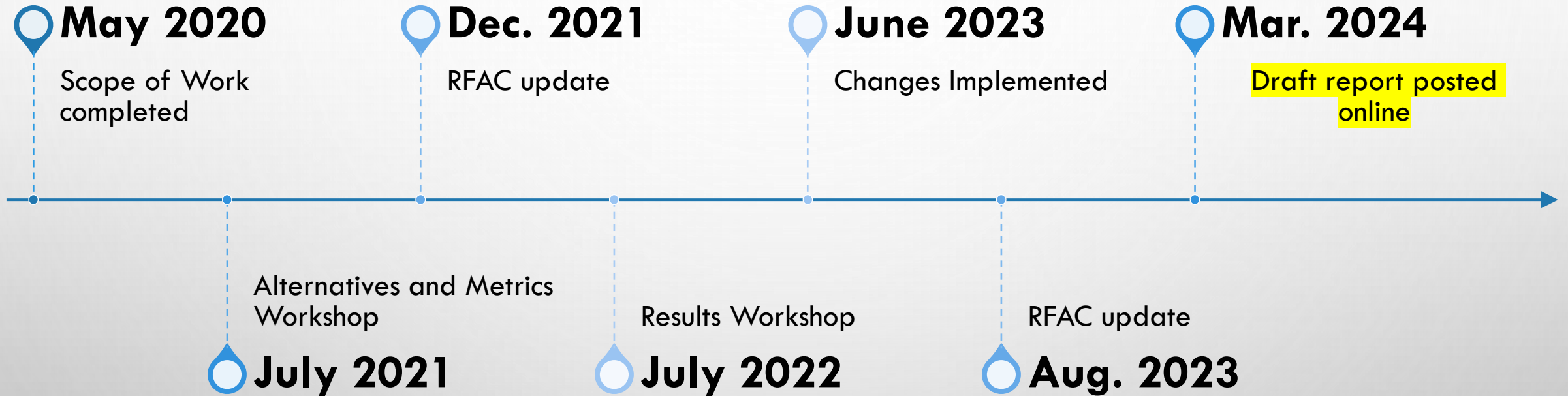
FFMP2017 STUIDES

Balancing Adjustment

The Decree Parties shall study, evaluate, and consider the River Master's balancing adjustment procedure.

A balancing adjustment procedure is used as a means to conserve the waters of the basin by tracking and compensating for the inherent errors in forecasted directed releases. The balancing adjustment procedure was examined to assess its effectiveness at achieving its intended goal. **As a result of the study, several improvements to the procedure were implemented in June 2023.**

BALANCING ADJUSTMENT STUDY COMPLETED



The Balancing Adjustment Study Report will be included as an appendix in the published 2023 ODRM Annual Report. Report is considered draft until published.

FFMP 2017 Studies

Detachment



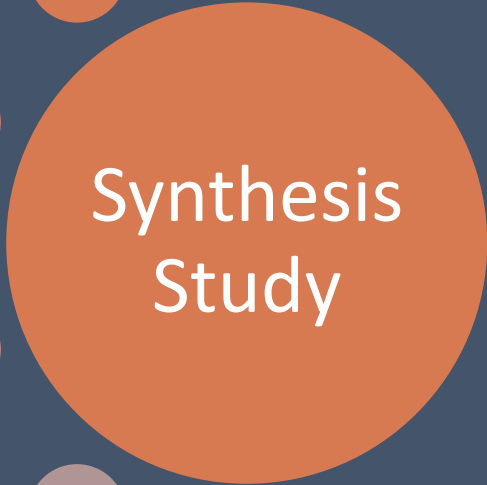
Storage



NJ Diversion



ERQ



2023 Amendment



OVERVIEW OF PROGRESS 2017 TO 2024

- STUDIES IDENTIFIED IN FFMP2017
- GENERAL STUDY WORKPLAN COMPLETED APRIL 2019

Study	Scope of Work	Study progress	Completed
Balancing Adjustment	2020 (approved)	2021-2022 workshops, models, results, feedback	Yes (2023)
Detachment	2020 (approved) 2023 (streamlined)	Modeling in progress	No
Storage	2021 – 2024... Draft pending final approval	DRBC storage evaluation study completed 2023	No
NJ Diversion	2021 – 2024... Active progress	Some modeling completed as part of Detachment Study	No
ERQ	2022 – ... Not active	None	No

Detachment Study

The primary objectives of the studies will be to evaluate the impacts and conditions resulting from the following:

- i. The detachment of releases from the New York City Delaware Reservoirs from the position of the salt front during drought emergency and replacing the benefit that New York City releases have with respect to the salt front with an alternative methodology or methodologies that will provide comparable protection for existing resources within the Basin.

Detachment Study Progress

- April 2020 – approved Scope of Work (SOW)
- 2020 – Discussions on alternatives development and structured decision making for metrics
- 2021 – 2022
 - Interagency Salinity Team presentations
 - Review model, alternatives, objectives, metrics
- 2023 – Streamlined Scope to focus on detachment in response to Synthesis Study
- 2024 – Alternatives modeled in DRB-PST and 3D hydrodynamic model being reviewed.

Accessing information and next steps

Streamlined Detachment Scope and Balancing Adjustment Study Report Available from ODRM website: <https://webapps.usgs.gov/odrm/ffmp/ffmp-studies>

Submit feedback by May 29, 2024, to RFAC at:

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Storage and NJ Diversion Scopes to be posted to website once approved by parties.