

# *IMPROVE Cost Savings*



11/19/2025  
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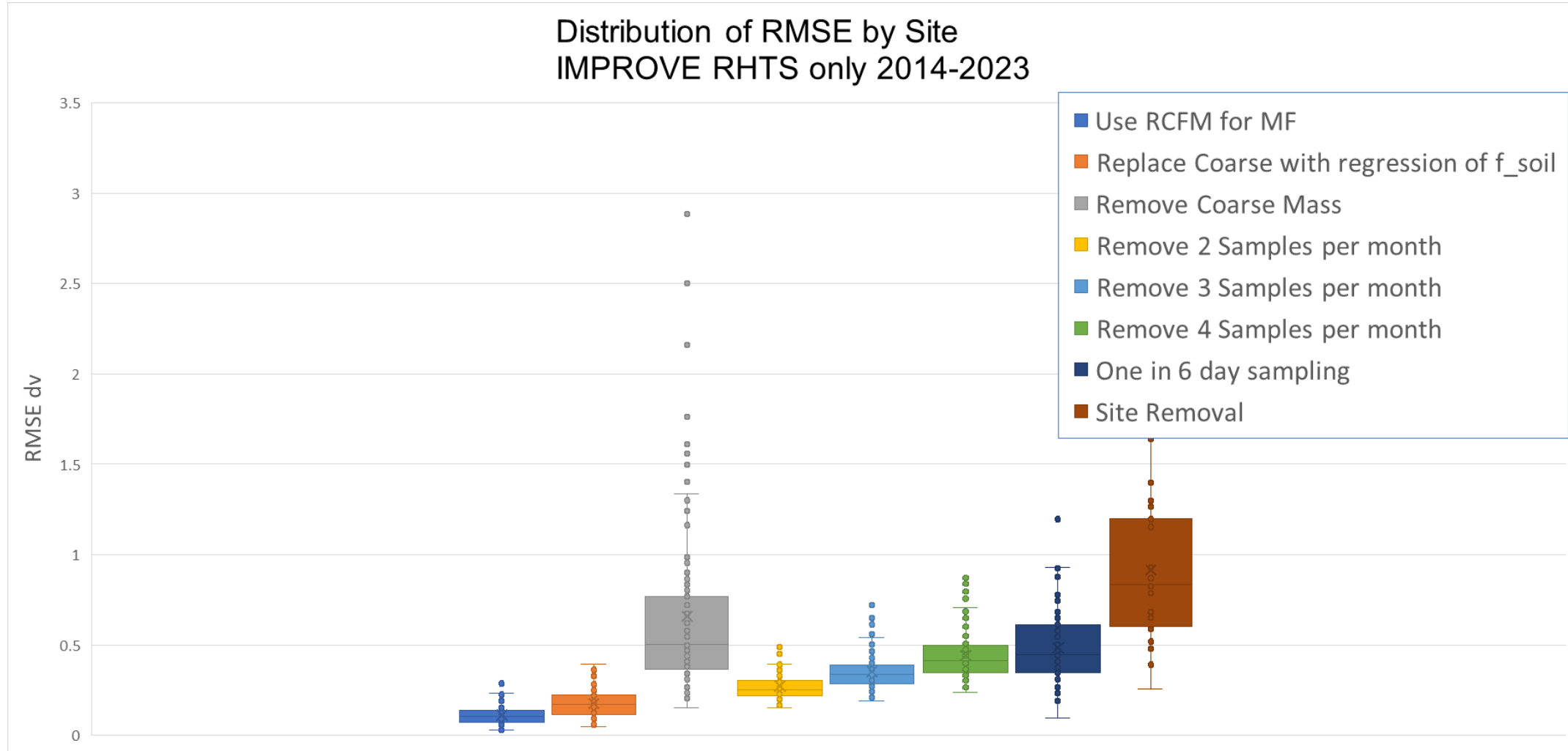


# IMPROVE Cost Savings Process Summary\*

1. October 2024, IMPROVE identifies budget shortfall and a need to cut costs for primary network operations.
2. November 2024 – May 2025. IMPROVE Budget Subcommittee met and performed analyses. Focus on cost savings efficiency.
3. June 2025, “core site” ask to IMPROVE stakeholders.
4. August 2025, Steering Committee reviewed feedback and created a candidate list of initial sites for a reduced sampling schedule, and a list of candidate sites to be shut off.
5. September 2025, list sent to IMPROVE stakeholders for review.
- ~~6. October 2025. IMPROVE Steering Committee votes on proposal.~~
- 6b. November 19<sup>th</sup>, 2025. IMPROVE SC to vote on proposal?

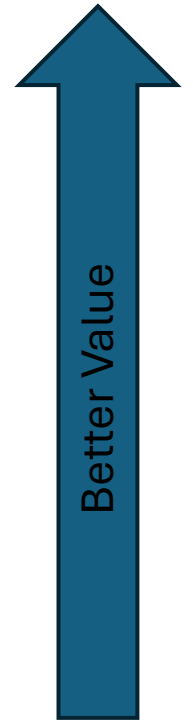
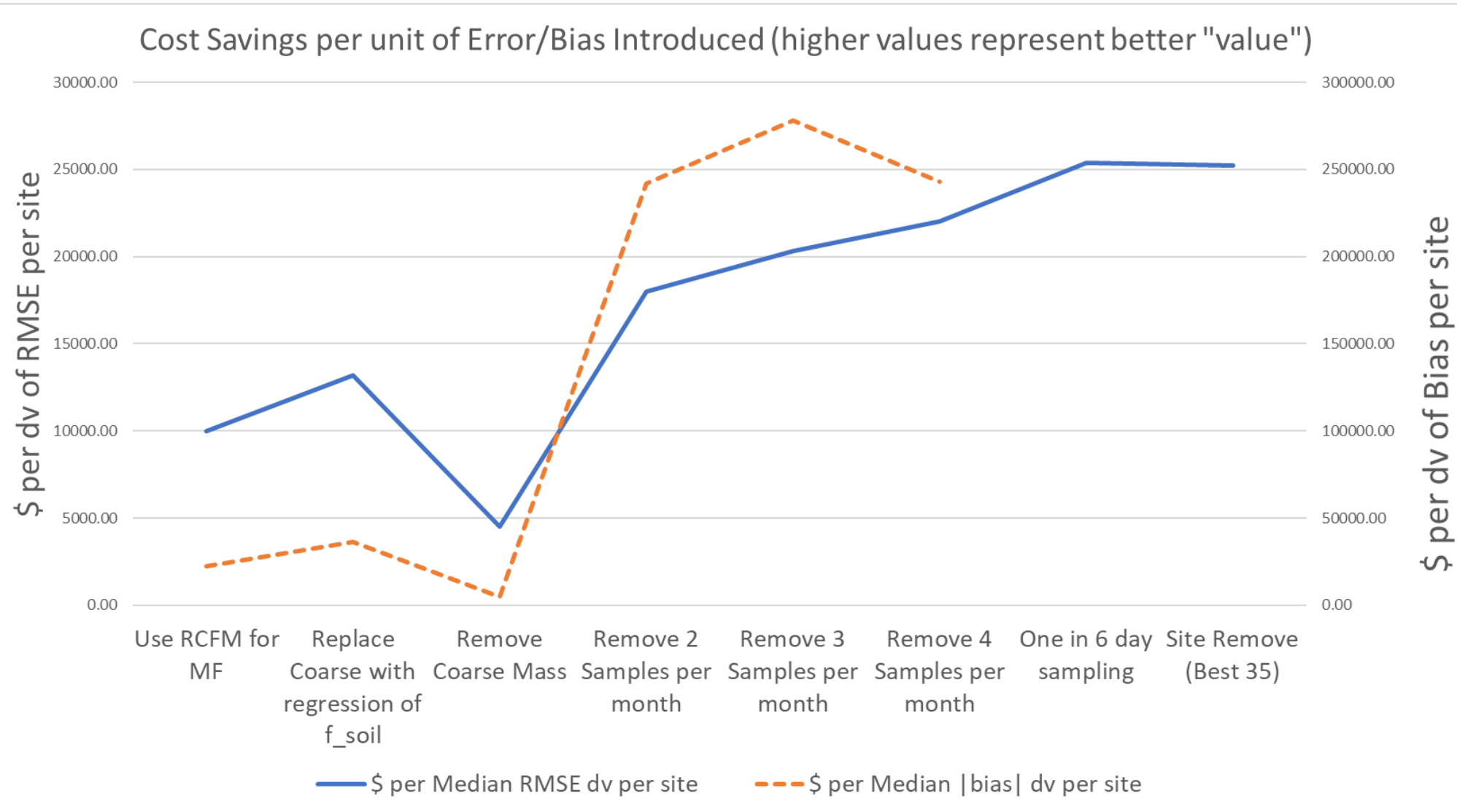
\*This presentation only considers the budget shortfall to IMPROVE funds for analytical operations side of the network.

## 2. November 2024 – May 2025. IMPROVE Budget Subcommittee met and performed analyses. Focus on cost savings efficiency.



\* $RMSE = \sqrt{\frac{\sum(DV2 - DV1)^2}{N}}$

## 2. November 2024 – May 2025. IMPROVE Budget Subcommittee met and performed analyses. Focus on cost savings efficiency.



4. August 2025, Steering Committee reviewed feedback and created a candidate list of initial sites for a reduced sampling schedule, and a list of candidate sites to be shut off.

| DRAFT Sites for closure     |                                      |  |  |  |
|-----------------------------|--------------------------------------|--|--|--|
| Urban/QA/International      |                                      |  |  |  |
| EGBE1                       | Egbert, Ontario, Canada              |  |  |  |
| BIRM1                       | Birmingham, Alabama                  |  |  |  |
| PHOE5                       | Phoenix QA site redundant with PHOE1 |  |  |  |
| DETR1                       | Detroit Michigan                     |  |  |  |
| TOOL1                       | Toolik Lake, BLM , Alaska            |  |  |  |
| FOCO1                       | Fort Collins, CO, Research Site      |  |  |  |
| RHTS - Pending no operators |                                      |  |  |  |
| SAGA1                       | CA                                   |  |  |  |
| AGTI1                       | CA                                   |  |  |  |
| RAFA1                       | CA                                   |  |  |  |
| KAIS1                       | CA                                   |  |  |  |



| DRAFT Sites for 1 in 6 day Monitoring |       |                                        |  |  |
|---------------------------------------|-------|----------------------------------------|--|--|
| Tier 1 Tentative Rank                 |       |                                        |  |  |
| Site                                  | State | 5 yr MOD90 1-6 day sampling error (DV) |  |  |
| MEVE1                                 | CO    | 0.11                                   |  |  |
| CHAS1                                 | FL    | 0.14                                   |  |  |
| CRMO1                                 | ID    | 0.18                                   |  |  |
| NOAB1                                 | WY    | 0.18                                   |  |  |
| MOOS1                                 | ME    | 0.18                                   |  |  |
| STAR1                                 | OR    | 0.18                                   |  |  |
| KPBO1                                 | AK    | 0.20                                   |  |  |
| WHPA1*                                | WA    | 0.22                                   |  |  |
| SHRO1                                 | NC    | 0.24                                   |  |  |
| HEGL1                                 | MO    | 0.26                                   |  |  |
| ISLE1                                 | MI    | 0.32                                   |  |  |
| UPBU1                                 | AR    | 0.33                                   |  |  |
| VOYA2                                 | MN    | 0.52                                   |  |  |
| Tier 2 Tentative Rank                 |       |                                        |  |  |
| Site                                  | State | 5 yr MOD90 1-6 day sampling error (DV) |  |  |
| GICL1                                 | NM    | 0.14                                   |  |  |
| GAMO1                                 | MT    | 0.16                                   |  |  |
| IKBA1                                 | AZ    |                                        |  |  |
| LABE1                                 | CA    | 0.18                                   |  |  |
| CAP11                                 | UT    | 0.18                                   |  |  |
| WICA1                                 | SD    | 0.26                                   |  |  |
| HACR1                                 | HI    | 0.34                                   |  |  |
| WHPE1                                 | NM    | 0.15                                   |  |  |
| SAMA1                                 | FL    | 0.15                                   |  |  |
| TRCR1                                 | AK    | 0.18                                   |  |  |
| ULBE1                                 | MT    | 0.27                                   |  |  |
| SAPE1                                 | NM    | 0.22                                   |  |  |
| HOOV1                                 | CA    | 0.19                                   |  |  |



## Feedback Received:

- Broadly reluctant support for our proposal.
- CARB noted that RAFA1 was a PM2.5 background site, and made a specific request to keep AGTI1 operating:  
*“The overall loss of spatial coverage to Southern California’s Class I areas with these site closures is severe, which is why CARB would advocate for the continued operation of the most recent inactive monitor: Agua Tibia.”*

