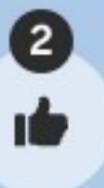




WQGIT Office Hours 1/14





What do you see as added value for the WIP outcome as written in the current agreement?

Accountability for achieving the implementation targets

New date but need to see P7 results to assess level of effort needed to inform new date. Suggest framing in terms of criteria that caused 303(d) listing and upon which TMDL was based

Clarify that the WIP outcome is for the TMDL implementation to achieve DO criteria. It does not fully encompass all aspects of water quality.

Makes clear that pollutant reductions to meet water quality standards impacted by N P S are a stated goal for the partnership

Tremendous qualitative value: A public forum for adaptive management across the watershed, sharing and investigating lessons learned by ongoing implementation.

It opened doors, etc. to amplify or expose additional considerations or alternative ways to view what we want to achieve (e.g. CESR). The outcome was simple but forced us to look outside the box.

I think "planning" is an activity, not an outcome. It belongs in a logic and action plan. A reduction in pollutant loads is an outcome.

The current "outcome" is not written as an outcome. It seems expansion of monitoring and the data collected should be coordinated.





What do you see as added value for the WIP outcome as written in the current agreement?

Having a time frame laid out such as having all practices and controls installed by 2025 is helpful to have a time on a goal

Working on the WIP Outcome as a partnership allows for a common standard of measure for assessing progress in meeting the goals.

Having a stated goal ensures resources are appropriately allocated to the achievement of this element of our shared vision of achieving CBP's mission

A common framework to plan and drive management and conservation practices.

Focus outcome on assessing the status of living resource and WQS (as well as TMDL targets).

Keeps us on a common timeframe

Accountability

Value added by the current WIP outcome is comprehensive collection, curation, and utilization of data across watershed. But it is far too limited in scope.





What do you see as added value for the WIP outcome as written in the current agreement?

Should the WIP be the outcome? This implies only states and Feds can work towards this outcome.

Connection to people-center as directed by the EC. Is there a way to coordinate with the Stewardship & Diversity wkpg to use their tools for the states' MS4 permit community engagement requirement

Keeps focus, pressure, and certain level of public resource allocation on sectors (ag, MS4, WWTP) that relate to broad watershed pollutants and ways to mitigate.

Would it make sense to rename it to the TMDL outcome? Since the WIPs include more than WQ goals

1. Watershed model as common planning tool to ID "practices and controls"; 2. Partnership decisions on the planning targets

Agreed with an output to credit land conservation for WIPs

If we consider the goal of reducing pollutants, then we might need outcome language that is either more general, or, we need goal language that is more explicit and narrow for alignment.

Accountability



What do you see as added value for the WIP outcome as written in the current agreement?

Helps avoid the tragedy of the commons by allocating responsibility across Partners for achieving the goals.

Role of the Partnership needs to be clear. The partnership should help advance science, information transfer and provide support. Recognize and incorporate state work/products. Don't expand,

Update

Update



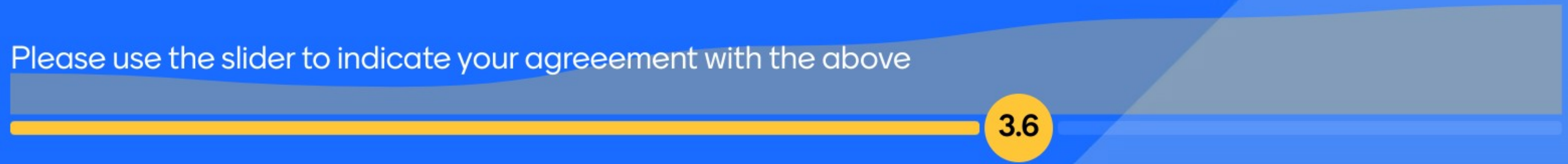
18





We need Implementation as an Outcome in the Agreement

Please use the slider to indicate your agreement with the above



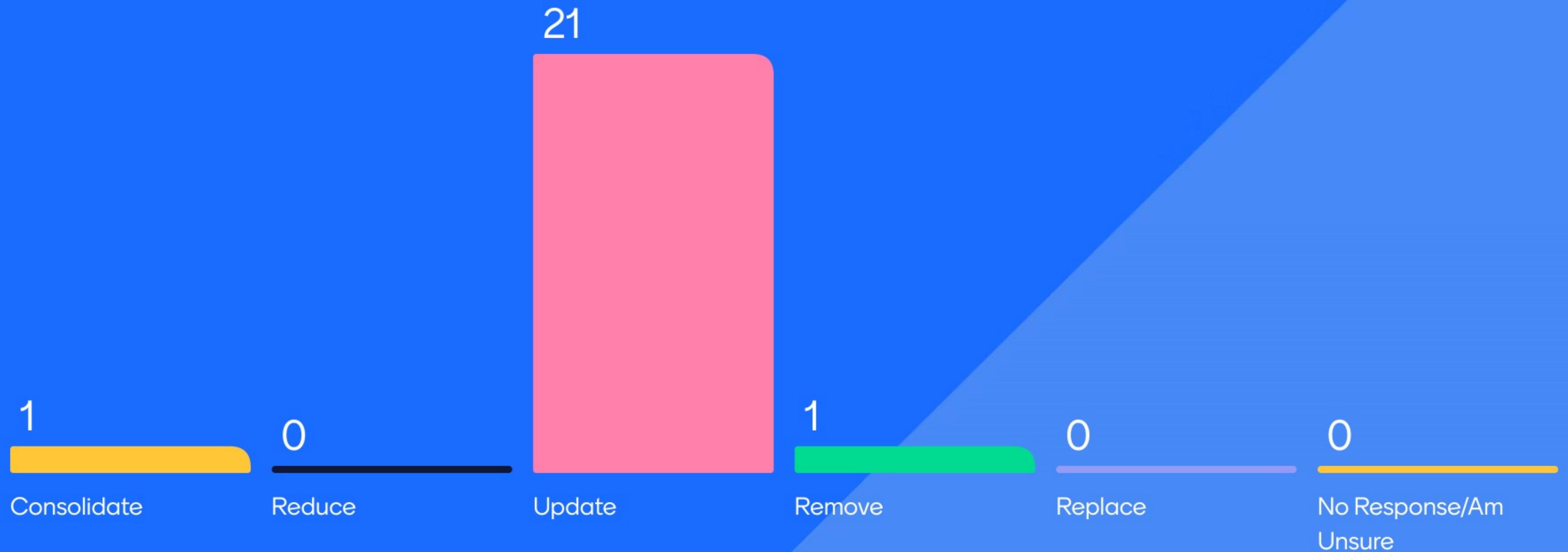
Strongly disagree

Strongly agree





In my opinion, the Management Board should _____ the WIP Outcome





What advice do you have for the Management Board on how to consolidate, reduce, update, remove or replace the WIP Outcome?

Add BMP performance and land conservation.

update the outcome to better incorporate permanent conservation -- e.g. forest conservation-- in addition to restoration.

WIP outcome is fine and is limited to the TMDL. Water quality broadly can consolidate with living resources, healthy waters, shallow waters as they are intricately linked.

I would somehow add effectiveness and long-term performance to implementation.

Update it to include implementation targets for high value practices like land conservation.

merge with similarly aligned outcomes to streamline the process and boost focus of resources

More indicators related to holistic watershed improvements beyond water quality related to N,PS reductions

Incorporate WQ measures, implementation measures, and load sources.





What advice do you have for the Management Board on how to consolidate, reduce, update, remove or replace the WIP Outcome?

New date. Maybe framed as the criteria upon which the impairment was identified/ TMDL was based on

Remove or update date and possibly rename from WIP to TMDL

Create the Agreement so the Logic and Action Plans are Appendices to the Agreement, not flailing out in space missing consideration. Put the planning in the L&A's. Create outcome of ecosystem response

WIP outcome should be updated to reflect climate change predictions and new planning targets.

Following on Greg Allen's comment in the chat, tie the outcome to the designated use attainment.

Use more systemic improvements that dont expire as indicators

Consolidate leaves room for combining with attainment, toxic contaminants, people or any other topics as a consideration for leaning our goal structure

Update to reflect an outcome that's achievable. Can't try to do everything with one outcome.





What advice do you have for the Management Board on how to consolidate, reduce, update, remove or replace the WIP Outcome?

Better credit pollution prevention, not just pollution reduction - maintaining a forest and protecting it from development rather than plowing it down and trying to put in urban BMPs for credit.

Still a long-term goal we are trying to achieve, and an update is appropriate when considering the iterative process (IP) - and the IP lets us adjust at appropriate timeframes.

Update with a new timeline, maintain the emphasis on the TMDL implementation, but begin to better connect it with performance and ecosystem response outcomes.

New date; May need to update TMDL reference to acknowledge climate change

Broaden outcome to represent greater stressor portfolio influencing LRs and Human health.

Update to reflect tiered implementation and impact to people

Simplify language. Adjust timeline and level of implementation amongst sources.

Add land conservation.



What advice do you have for the Management Board on how to consolidate, reduce, update, remove or replace the WIP Outcome?

"practices and controls" needs to be revised to encourage more results-based approaches

We do not need a separate WIP 2017 outcome - simply weave a midpoint check into the updated WIP 2025 Outcome. This helps us streamline and simplify without losing accountability.

Base the goal on continuous reduction as opposed to all practices in place by a date certain

I think this is what many in the EPA and some circles focus on the most and give the most attention to when it comes to the Bay Program. Therefore, what this outcome says has added weight.



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What do you see as added value for the WQSAM outcome as written in the current agreement?

A common way to assess water quality progress across the watershed.

The current WQSAM "outcome" is not written as an actual outcome. Increasing monitoring efforts should be coordinated to ensure appropriate level of coverage and type of data collected.

A common monitoring framework that ensures data comparability.

Since the existing outcome is a mix of activities and output, consider removing it. If you want to make it a proper outcome, you need to speak in terms of attaining criteria but that is likely a 20+ year date

Existing language raised visibility and commitment to accountability in tracking and reporting of not just modeled achievement but measured ecosystem response to management.

Good monitoring is necessary for accountability.

A consolidated place for taxpayers to see progress on government commitments to clean water

Since the Bay segments can not be delisted until the monitoring shows achievement, we must keep this outcome. Or is EPA taking a different tact on how the Bay could be delisted?





What do you see as added value for the WQSAM outcome as written in the current agreement?

since such large reductions are being called for in the watershed, more monitoring should be done in the watershed along with coordination with jurisdictions

Does not rise to outcome level. It is part of the strategy for monitoring to determine system response to management actions

a multi-partner monitoring network

Provides a rigorous, consistent monitoring framework

The AV is it unifies (or creates a common framework) for all parties to follow and monitor.

Helps shed light and provide funding on the importance of monitoring

Common monitoring and analysis allows us to explore why we see the patterns that are observed, which enhances learning across partners.

Not that the activities are not needed but do we need it to be an outcome





What do you see as added value for the WQSAM outcome as written in the current agreement?

The current WQSAM is fine, but its scope is too limited through focusing only on the TMDL.

While it has high partnership value, it is not an outcome of ecosystem response but about activities and outputs that lead to an evaluation of ecosystem change without being specific at this time

CBP does not officially 'assess'. The role should be to support statutory required jurisdictional assessments. No need to expand role of CBP; rather should coordinate, advance science and support.

Given the partnership's emphasis on monitoring (and modeling), it seems important to have this as an outcome

We need cross jurisdictional efforts to see a bigger picture that is otherwise not readily available to broader audience.

Trends and data evaluations should be extended to 2-years or longer. Annual is not necessary, esp for trends.

The outcome lacks alignment with the goal language and what to expect in an outcome associated with the goal as stated.

Monitoring includes lots of variables, specific conductivity, etc. That should be acknowledged. Also need to tie to the location of the tiers that have been discussed.



We need Monitoring Capacity as an Outcome in the Agreement

Please use the slider to indicate your agreement with the above



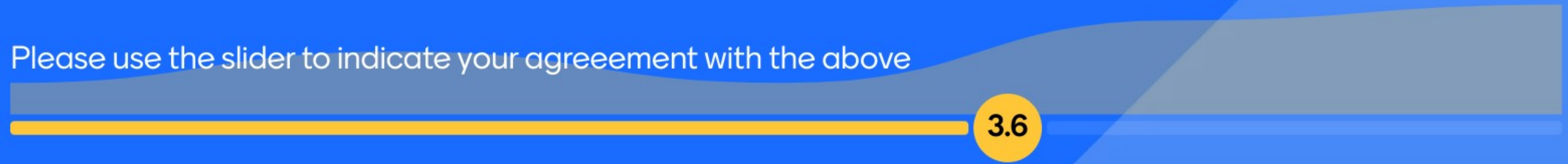
Strongly disagree

Strongly agree



We need Monitoring Results or Trends as an Outcome in the Agreement

Please use the slider to indicate your agreement with the above



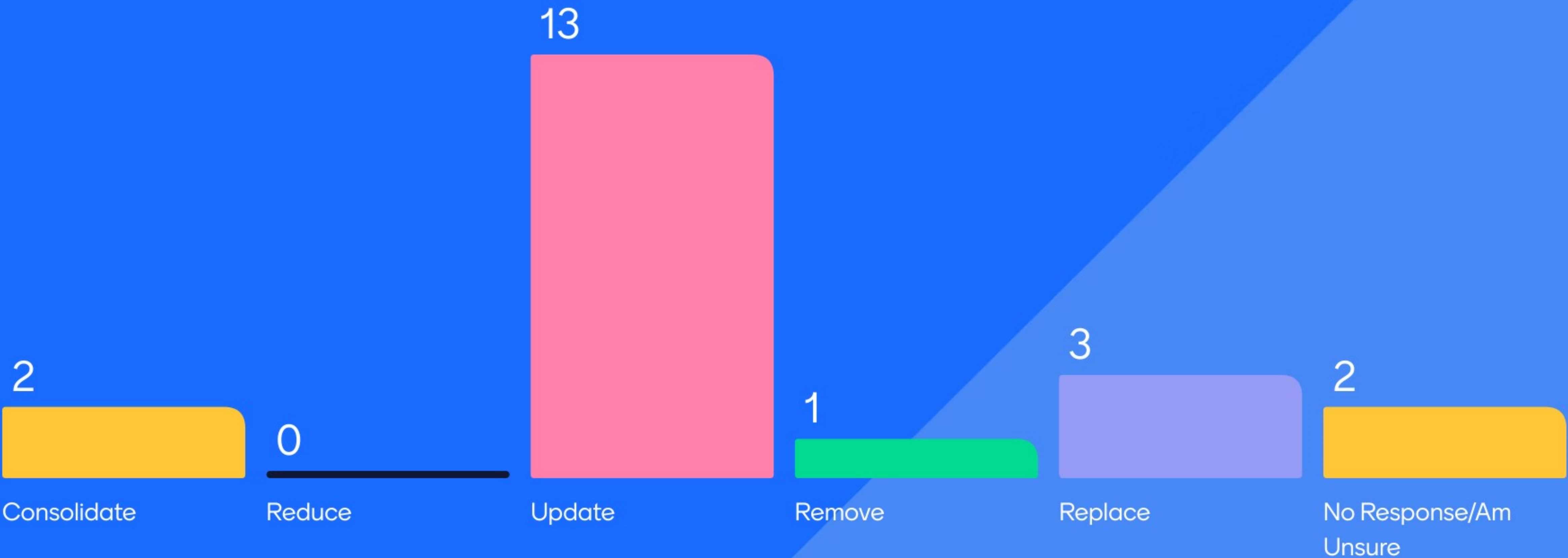
Strongly disagree

Strongly agree





In my opinion, the Management Board should _____ the WQSAM Outcome





What advice do you have for the Management Board on how to consolidate, reduce, update, remove or replace the WQSAM Outcome?

consolidate with similar outcomes

If it stays as an outcome in some form, it needs to be SMART

IF this is the only way you are collecting information, it does not allow for interaction among partners. Would be helpful to talk about the updated/proposed WQ outcomes first

Replace with an outcome/outcomes that directly says attain criteria (doesn't need to be "all") by date certain

Replace the outcome with 1) ecosystem change endpoints, 2) including living resource responses, 3) create multiple outcomes to address water quality complexity beyond N,P, S/DO, Clar,Chla

Update to frame this more as an outcome to see improving water-quality cond in tidal and nontidal waters. We can maintain the described activities and outputs, but need to word as a SMART outcome

Consolidate by making this one or more indicators in the new WQ Outcome. This will continue to keep the monitoring efforts of the Partnership relevant.

Assessing the improvements made in WQ as a result of implementation is completely different from assessing WQS which is an inherent state function. Partnership should focus on data collect and trends.



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What advice do you have for the Management Board on how to consolidate, reduce, update, remove or replace the WQSAM Outcome?

Monitoring informs us (or helps update, consolidate, etc. all other outcomes and activities) of our progress and efforts; so any update, etc. should reflect that consideration.

Don't forget the importance of FUNDING for monitoring and maintenance.

We have multiple publications quantifying the pace of change now. Translate the CBP request to "accelerate recovery" based on published baselines making the outcome quantitative

We need multiple relevant lines of evidence (outputs) for our WQ goal. There are multiple ways we can define the outcome level in between. We should rethink the current approach for all 3 outcomes.

Modify it to include analysis, evaluation, and investigation of all data-intensive Agreement outcomes, not just TMDL requirements.

Show ecosystem ends in conjunction with loads/trends, and changes in practice implementation and changes in load sources

Consider this an area to expand WQ evaluations beyond simply the TMDL. The partnership can support evaluations more broadly for aquatic life.

Freshwater is 2% of the globe's water resources yet houses 40% of fish diversity. About 25% of freshwater diversity is at high risk. One outcome could focus on freshwater alone for example





What advice do you have for the Management Board on how to consolidate, reduce, update, remove or replace the WQSAM Outcome?

Incorporate monitoring results/trends into evaluation of progress/success; Broaden scope of monitoring beyond N/P/S

What gets measured gets counted. Incorporation of living resources and conservation is important

Capture activities and outputs presently stated in Logic and Action plans effectively, focus on outcome language of ecosystem/LR/Human Health change of our activities



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What do you see as added value in a revised outcome(s)?

SMART

Present assessment of outcome is a very artful assessment of what we think we could use to explain progress toward qualitative statements. Create a concise quantitative outcome or outcomes.

incorporation of conservation cannot be only in one silo or outcome. Incorporating land conservation can increase water quality while also incorporating many living resources at the same time.

To clarify the importance of collection, curation, and dissemination of all WQ-related data for multiple other outcomes in the Agreement

Connecting to living resources, more emphasis on monitoring results, maintaining the common monitoring and assessment framework.

Having multiple outcomes focusing on implementation and changes in WQ is needed to address the lag time associated with restoration efforts.

a more robust view of ecosystem conditions

Maintains accountability within the partnership.



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What do you see as added value in a revised outcome(s)?

A revised outcome should lead to a positive shift in impacts - leading us towards a better overall outcome as compared to the previous version.

Clarity of outcome expectation yields less challenge for interpretation of expectations, easier for communication and outreach of progress

Value in advancing science, helping jurisdictional partners with development of tools for performing assessments and the public for understanding results and linking results to living resources.

Better (finer scale) capture of practices that are implemented as well as changes in sources. For example, are we buffering stream corridors and simultaneously increasing nutrient applications?

If done well they will produce common goals, collective focus, collaborative action, standard measures/indicators, and clear accountability

The public relates to fish, wildlife, human health risk, than nutrient concentration, sediment concentration, flow adjusted loads - connect outcome to greater social importance, interest, connection

ability to ID sources/causes of improvement/degradation

Broaden the scope of pollutants as it more accurately reflects the social interests in water quality expressed by jurisdictions - e.g., bacteria, toxics, salt, etc. than just N,P, Sed





Are there any new [water quality related] outcomes that you recommend the MB consider?

No

Outcomes - it could be 2 - keep one directly tied to TMDL interest WQ Stds more explicitly, create a second for broader WQ assessment - e.g., the USGS publication showed 7 key stressors to consider

Qualitative considerations of some sort (e.g. we may be "short" on certain WQ standards; but if fish reproducing, etc. then shift to more "maintain" actions).

Expanding the scope of water quality data collection, curation, and dissemination to address more than just TMDL attainment.

We have input a lot of collective energy on monitoring and understanding plastics yet have not commitment to support management going forward so far...

Acidification is an issue in the watershed and as ocean acidification, it could be represented in one multimetric outcome, or, acidification as an outcome topics

outcomes related to land conservation-- not sure if a new water-related outcome is needed under this GIT as much as an update of what we have and how we credit.

The goal seems very narrow and specific.



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Are there any new [water quality related] outcomes that you recommend the MB consider?

Bmp long-term performance and land conservation

People want to know if they can swim and eat fish - the B25 report focused on the need for more social science connection. If we are listening to the public, we should perhaps orient outcome language

Even if all WQ goals are met, the fisheries and health of the streams and Bay will not be restored. It seems that should be acknowledged in the outcome that it does not stand alone.

