



SAN FRANCISCO BAY
RESTORATION AUTHORITY

San Francisco Bay Restoration Authority
Independent Citizens Oversight Committee
DRAFT Annual Review Letter FY 2020/21
May 23, 2022

Committee Members

Paul Jones, Chair, At-Large Representative, San Mateo County
Terry Young, Vice Chair At-Large Representative, Alameda County
Don Arnold, South Bay Representative, Santa Clara County
Nancy Cave, West Bay Representative, San Francisco County
Jim Fiedler, East Bay Representative, Contra Costa County
Doug Wallace, North Bay Representative, Marin County

Governing Board
San Francisco Bay Restoration Authority
1515 Clay Street, 10th Floor Oakland,
CA 94612

Dear Governing Board Members,

This letter constitutes the annual conformance review undertaken by the Independent Citizens Oversight Committee (Oversight Committee) of the San Francisco Bay Restoration Authority (Authority) during the period of July 1, 2020 to June 30, 2021. The Oversight Committee has six members from around the Bay with over 150 years of combined experience tackling the challenges of aquatic resource regulation, habitat restoration and enhancement of the Bay's recreational resources. Individual committee members have a range of expertise in wetlands, restoration, water quality and supply, flood control, environmental and project

monitoring, trail projects, and how best to select and implement projects. We have a breadth of experience managing government funding programs. Due to Covid 19 restrictions, we have operated virtually again this year, and while this has allowed the Oversight Committee to continue its mandate, we look forward to meeting in person again someday. Paul Jones remains our current Chair and Dr. Terry Young has continued as our Vice Chair.

FINANCIAL MANAGEMENT

As in past years, the Oversight Committee concludes that the Authority's financial management is sound, the staff workplan and budget are appropriate, and the project-based budget is well managed.

The Authority's financial reports for the fiscal year ending June 30, 2021 are clearly presented and once again have received a clean and unmodified audit. Collections of tax revenue are performed in accordance with Measure AA and the resulting funds are kept in appropriate, minimum-risk accounts until expended.

The Oversight Committee reviewed not only the Authority's Fiscal Year 2020-21 Operating Budget, which details administrative expenses, but also the staff workplan. We note that the workload related to grant management has increased dramatically during these five start-up years, and that it can be expected to increase yet further before leveling off at some point in the future when new restoration projects are balanced by the completion of earlier projects. Moreover, the staff recently was tasked with new aspects of operations related to equity, including the new Community Grants, which it has managed successfully. Given these growing needs for staff resources, the Oversight Committee concludes that the allocation of income (5% of tax revenue as well as interest earnings) to the Operating Budget was appropriate in Fiscal Year 2020-21.

With respect to the Authority's fiscal year 2020-21 Project-based Budget, the Oversight Committee finds that the Measure AA funds are well-managed. The funds available from current tax proceeds as well as carryovers from past years meet or exceed the commitments made for project funding and continued Authority operations. As of the end of the fiscal year, the cost to complete existing grants was \$59.7 million compared with \$63.9 million of funds available for this purpose. The Authority is not sitting on taxpayer funds, having awarded or spent about 95% of the available funds over the course of its first four years.

PROJECT SELECTION, MANAGEMENT, AND IMPLEMENTATION

The Oversight Committee concludes that the restoration projects have been selected in accordance with Measure AA goals and that procedures for project management and implementation are fundamentally sound. In addition, innovations in project management, such as the Bay Restoration Regulatory Integration Team (BRRIT), not only increase the

efficiency with which Measure AA funds can be used, but also benefit the smooth permitting of other restoration projects in the Bay Area.

The Authority has developed criteria for project selection that appropriately evaluate a project's eligibility and consistency with Measure AA objectives, as well as consider the nature of a given project's long-term impact. As a result, the collection of funded projects is on its way to meeting Measure AA's Campaign Goals and related performance measures (see Appendix A, Annual Report FY 20-21).

The type of grants awarded this year deserves mention. Many of the new projects added this fiscal year fund the design and regulatory documentation of potential future projects. Three of the newly-funded projects remove ecosystem stressors – that is, components of the existing Bay system that harm or otherwise disrupt the natural system. Three of the projects focus primarily on building capacity for community engagement in planning and decision-making. The Committee recognizes the importance of providing support for each of these types of projects using Measure AA Funds.

In its Annual Review Letter from last year, this Oversight Committee recommended that the criteria used to score proposed projects ultimately be supplemented in order to more explicitly evaluate the way that an individual project would contribute to landscape-scale ecological values. We stand by that recommendation and incorporate here by reference the detailed explanation that we provided at that time (see "Tracking Campaign goals, Performance Measures, and Beyond" in Appendix A, page 7). Until that recommendation can be implemented, however, we have an interim suggestion. As part of the current scoring system, project reviewers assess a range of criteria, including three that relate specifically to ecological attributes: 1) "greatest positive impact"¹; 2) "greatest long-term impact"²; and 3) consistency with a list of studies and policies that relate to landscape-scale planning (e.g., the Baylands Ecosystem Habitat Goals Science Update 2015, the Sonoma Creek Baylands Strategy, various ecosystem and species recovery plans, and the like). The assessments of these three criteria provide valuable information as to how the project will benefit Bay-wide ecological condition and resiliency and should not be buried as they are currently (i.e., go to the website; go to the

¹ *The SFBRA's 2021 RFP states the greatest positive impact refers to projects that demonstrate, through the use of established best available scientific knowledge; adopted regional and local plans; and relevant studies, the greatest potential benefits to the Bay ecosystem. In addition, they include restoration projects that provide co-benefits, including, but not limited to, improved flood protection, public access and recreational amenities, beneficial reuse of dredged material and carbon sequestration.*

² *The SFBRA's 2021 RFP states the greatest long-term impact refers to projects that best demonstrate an ability to provide benefits over long timeframes despite the potential for changing circumstances such as changes in freshwater supply, sediment delivery, species composition, and rising sea levels. Projects should use the best available science to incorporate future climate variability, ideally providing resilience across multiple climate change scenarios.*

individual project page; click on the link to the staff recommendation; read to the bottom). Instead, we recommend that this discussion be summarized prominently on the website, and in the annual report. It is important information for the public to know about project selection and the wise use of taxpayer funds.

As mentioned above, the Authority recently added a Community Grants Program that empowers communities to have a greater voice in the design of large restoration projects as well as greater access to funding for smaller projects. We commend the Authority for its implementation of this important program.

The BRRIT continues to provide a crucial, organized interagency forum to assist applicants to work through permitting issues that might otherwise seriously delay or scuttle the implementation of restoration projects. The BRRIT has created a process for elevating issues to the agency management levels best able to provide solutions; has developed useful metrics to track its own performance; is continuing to assess and potentially add to those metrics (e.g., supplementing or replacing the time required to obtain permits with completion of the permit on the timeline needed for the project to proceed); and is measuring up well against those metrics. In addition, the BRRIT already has a track record of identifying and providing tools to respond to challenging permitting issues, such as the complications of decreasing the extent of one type of natural habitat in order to create a different type of natural habitat. We note that wrestling with this “type conversion” issue was aided by funding from EPA for an outside consultant to assist the BRRIT, and we support continued use of such consultants, as needed. In sum, the Oversight Committee continues to enthusiastically support the BRRIT, and we are optimistic that these early successes will result in shortened timelines for permitting in the future.

Based on our review, the Oversight Committee recommends that the BRITT not only be continued, but scaled up in order to meet the escalating demands for permitting of both restoration and related climate change adaptation projects.

Last year, the Oversight Committee recommended that the Authority seek to improve the efficiency of project monitoring required by multiple agencies-through coordination and streamlining under the auspices of the BRRIT and the Wetlands Regional Monitoring Program (WRMP). The WRMP and the BRITT, working together, should-ensure that projects are complying with monitoring-related permit conditions, have cost-effective monitoring requirements, and contribute to our collective understanding of the ambient condition of our wetland resources surrounding the Bay. We reiterate that recommendation here.

PROJECT TRACKING AND COMMUNICATIONS

The Annual Reports and the Authority’s website provide fundamental information to the public about the projects it has funded and the cumulative benefits of the visionary restoration program that the voters launched with Measure AA.

The Annual Reports and the website, supplemented by the EcoAtlas, track consistent metrics from year to year so that the public can measure progress towards restoration goals. In addition, the Annual Report FY 2020-2021 described the Authority's efforts with regard to equity and its Community Grants program, which is important public information that otherwise might be overlooked. Similarly, the Annual Report FY 2020-2021 contained excellent text and graphics (see "Interconnected Bay Ecosystems") that explained the interdependence of the suite of Bay habitats that are being restored. We applaud this use of the Annual Report as an educational tool, and recommend that similar graphic tools be included in upcoming digital annual reports that summarizes progress by the Authority to date.

Although the current suite of performance measures is a good beginning, the Oversight Committee reiterates its recommendations from last year's Annual Review Letter regarding the development of a more robust set of performance measures for the restoration of the ecological system as well as for community benefits. Rather than repeat these here, we again incorporate them by reference (see Tracking Campaign Goals, Performance Measures, and Beyond, Appendix A, page 7). The Oversight Committee respectfully suggests that the use of such system-wide, spatially-relevant metrics could improve the targeting of Measure AA expenditures.

Similarly, the Oversight Committee recommended last year that, as a subset of the above-referenced effort, selected metrics be developed to assess ecosystem function as well as ecosystem extent (Appendix A, page 8). We are pleased that the WRMP is developing a set of indicators related to wetland condition and distribution, and is working with the Authority to align the Authority's performance metrics with WRMP indicators. This is an important step forward, and we applaud the use of Measure AA funds to support this effort.

In sum, the Oversight Committee reiterates its 2021 recommendation that the Authority supplement its current performance measures with a more robust suite of measures that reflect important ecological characteristics (such as landscape pattern and ecosystem functioning), as well as measures that reflect additional community values. In addition, we recommend that the Authority continue to improve its ability to communicate these benefits to the public.

LOOKING TO THE FUTURE

Substantial additional funding from the state and federal governments for projects related to restoration and climate change resiliency will become available during the next few years, complementing the funds available from Measure AA. In light of this development, it is more important than ever to update the overall restoration goals for San Francisco Bay – not just those directly related to Measure AA – and to report on the Authority's work with reference to this larger context. The Oversight Committee raised this issue in its letter last year (Appendix A, page 6), and we reiterate it here.

Accordingly, the Oversight Committee recommends that the Authority continues to work cooperatively with other salient Bay Area entities to communicate to the public both the long-term restoration needs of the Bay and the benefits of Measure AA funds as a component of that effort, and to highlight these benefits in the upcoming annual report.

In conclusion, the Oversight Committee finds the Authority is expending public funds in a responsible manner that significantly is contributing to the restoration of wetland and associated Bay habitats, while providing jobs, recreational opportunities, and societal benefits for the citizens of the San Francisco Bay Area.

This report was approved by the Independent Citizens Oversight Committee at its meeting held on **May 23, 2022**.

Respectfully Submitted,

Paul Jones
Independent Citizens Oversight Committee, Chair

Appendix A: 2019-2020 Committee Letter to Governing Board



SAN FRANCISCO BAY
RESTORATION AUTHORITY

San Francisco Bay Restoration Authority
Independent Citizens Oversight Committee
Annual Review Letter FY 2019/20
May 27, 2021

Committee Members

Paul Jones, Chair, At-Large Representative, San Mateo County
Terry Young, Vice Chair At-Large Representative, Alameda County
Don Arnold, South Bay Representative, Santa Clara County
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Governing Board
San Francisco Bay Restoration Authority
1515 Clay Street, 10th Floor
Oakland, CA 94612

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funding programs. Due to Covid 19 restrictions, we have operated virtually again this year, and while this has allowed the Oversight Committee to continue its oversight mandate, we look forward to meeting in person again someday. Paul Jones is our current Chair and Dr. Terry Young has agreed to be the new Vice Chair.

Our oversight review has included the language and history of Measure AA itself, the FY 2019-2020 Annual Report, the Staff Work Plan and Budget for FY 19/20 and the associated FY 19/20 financial statements, the independent auditor's report for FY 19/20, and the recommended Grant Program Round 4 projects. In addition, we have had presentations on the Wetland Regional Monitoring Program (WRMP), the Bay Restoration Regulatory Integration Team (BRRIT), the independent auditor's report, and the Staff Work Plan and Budget for FY 19/20. We reviewed our recommendations from last year and discussed how Authority staff has been addressing those recommendations. We have interviewed the Authority Staff to better understand their recommendations on several financial and program decisions. Based on our review, we have come to the following conclusions and recommendations.

- The Authority received another clean audit report from an independent auditing firm, is using sound fiscal management, and is spending the funds raised by Measure AA in conformance with the law. The Authority Staff continues to operate efficiently and effectively, advancing the Authority's business during the Covid-19 Shelter-in-Place Orders.
- The Authority is continuing to pursue a solid selection and implementation process for restoration projects as envisioned by Bay Area voters when they approved this historic measure to increase the health and resilience of the Bay. It has authorized numerous high-quality restoration projects that will provide important environmental, recreational and climate adaptation benefits for the Bay Area. In addition, the Authority is continuing its important work to improve efficiency in permitting restoration projects; the Oversight Committee supports this work and recommends its continuation and expansion.
- The Authority Staff continues to be open and receptive to our inquiries and recommendations. They have progressed on all, and completed some, of the recommendations made in past years by the Oversight Committee, including addressing issues related to engaging communities of color.
- Understanding that the restoration funded by Measure AA is only a fraction of what will ultimately be needed to achieve its overarching goals, the Oversight Committee recommends that the Authority evaluate updated information regarding optimum restoration goals, then use this analysis to inform and nurture restoration projects as well as to document the value of the sum of the restoration work. We suggest that the Wetlands Regional Monitoring Program (WRMP) will be a useful tool in this effort.

- The Oversight Committee recommends that the Authority ramp up its efforts to communicate to the public the benefits – both for the Bay and its surrounding communities -- of the restoration funded by Measure AA. In addition, we recommend that this communication effort incorporate a discussion of the scale and timing of the future restoration needs of the Bay, given what we now know about accelerating sea level rise. We also recommend that the Authority continue to improve the clarity and detail of its reporting on individual projects in modes that are easily accessible to the public.

Overall Financial Tracking

It is abundantly clear to the Oversight Committee, now in its third review cycle, that the Authority is on solid financial footing. It has three clean, unmodified, and unadjusted audits of its finances. While not necessarily a rule, we generally feel that organizations with excellent financial management tend to have equally good management in other aspects of their operations. This appears to be the case with the Authority. It has efficiently allocated approximately 84% of its available funds over the past 3 years, and has managed the flow of funds so that sufficient reserves are available to complete the authorized projects. As detailed in the Annual Report, the expenditures for administrative costs are within the 5% cap set by Measure AA. These are excellent indicators that the Staff, Advisory Committee, and Governing Board are all doing their best to effectively manage the program.

As stated last year, the Oversight Committee recommends the Authority clarify that funds have been authorized, committed, programmed, and obligated to specific projects, even if not yet spent by project applicants. We understand that Staff is working on new graphics to better address this recommendation. The new graphics will give readers a sense of when funds will be actually spent. For example, in Table 4 of the Annual Report, it can be misconstrued by the reader that the “Remaining Grant Balance” is an amount unallocated by the SFBRA when in fact it represents allocated funds that remain to be spent by the project sponsor from the original award amount. Perhaps in a sidebar of the Report, Staff could explain, as we suggested last year, the entire project funding and financial tracking process and how it takes time to move a project from a Board authorization to grant agreement and work program, and then to invoicing for multiple years of funding as the approved project is implemented.

The Oversight Committee recommends that, as part of each planning grant, the potential sources of funding to complete the project – and the likelihood of obtaining these funds -- be highlighted for the Governing Board, Advisory Committee, Oversight Committee, and the public. It is important to assure all involved that planning dollars flow to projects that have a high likelihood of eventually being funded from some source.

Project Selection

The Governing Board authorized four new projects in FY 19/20, in addition to funding eleven projects authorized in previous fiscal years. The new projects (San Pablo Baylands Collaborative Protection and Restoration Project, Lower Walnut Creek Restoration Project, North Richmond Shoreline Living Levee Project, and the Coyote Hills Planning Project) each contribute to three of the four types of programs authorized by Measure AA, and collectively they contribute to all four program types. Similarly, each of the new projects relates to at least six of the nine priorities listed in Measure AA, and they collectively cover all of the listed priorities. The Authority's project selection and funding, therefore, is in conformance with both the letter and the spirit of Measure AA.

The Oversight Committee is pleased to note that many of the new projects will increase the complexity of the habitat matrix, improve habitat connectivity, and provide transition zones that can be used as refugia for wildlife as well as marsh migration as the sea level rises. All of these important landscape characteristics improve the overall ecological health and resilience of the region. In addition, two of the projects will provide important improvements to shoreline access and quality of life in underserved communities. The Oversight Committee also recognizes that the North Richmond project may provide benefits far beyond its boundaries as an example of how collaborative planning for healthy natural and human communities in the face of climate change can occur at scale when multiple jurisdictions, landowner types, and habitats all are involved. In this regard, the project is similar to the BRITT because it attempts to address an issue that otherwise will impede the Bay Area's ability to implement restoration and resiliency improvements efficiently.

Staff Work Plan and Operating Budget

As in past years, we reviewed the staff work plan and operating budget. We continue to commend Staff for the quality and efficiency of their work, even as it predictably increases in both scale and complexity. Although administrative costs have been increasing, it is expected that the work load will reach a dynamic equilibrium between new and completed projects that will allow these costs to remain within the cap set by Measure AA.

The Oversight Committee continues to believe it is important for those of us involved in environmental restoration efforts to reach out to communities of color. As we stated last year, "these communities have historically not been meaningfully consulted or engaged in environmental decision-making even though they have often been disproportionately impacted by pollution and health hazards. We believe it is important to ensure that they have equal access to the decision-making process and have a healthy place to live, learn, work, and enjoy the benefits of improved access to nature." Such access is particularly important given the direct threat many communities will face from sea level rise. The Oversight Committee has noted that, in addition to commissioning the report, "Establishing an Equity and Community

Engagement Program that Benefits Economically Disadvantaged Communities”, the Authority has continued to shape these reforms (for example, creating the Economically Disadvantaged Communities Reference Sheet available on the website). We recommend that the Authority continue its expanded engagement with economically disadvantaged communities and communities of color.

Interest Income

We continue to support the current allocation of interest to the operating budget, particularly while ballot costs are still being paid. However, the Oversight Committee continues to encourage the Authority to improve its future estimates of interest income and allocate that income in future budgets to best meet the needs of the overall program.

Authority’s Efforts to Address Oversight Committee Recommendations

The Authority has done an excellent job of addressing issues raised by the Oversight Committee during the past two review cycles. We appreciate that a concerted effort will be made in the coming year to address the issue of project funding cycles, including the creation of a graphic that will show the amounts funded, spent to date, and remaining balance (both for a given project and cumulatively for all projects and all years). We also very much appreciate Staff reaching out to disadvantaged communities and efforts to fill regional project gaps. We also understand from Staff presentations that, while currently there are no projects funded for the Campaign Goal areas of “shellfish habitat” and “submerged aquatic vegetation,” there have been talks with prospective project applicants in those areas. We are hopeful that these discussions will yield successful project applications in the near future.

San Francisco Bay Restoration Regulatory Integration Team (BRRIT)

The Oversight Committee continues its strong support of the BRRIT. It is an important tool to ensure that projects comply with various regulatory requirements in an efficient manner, ideally resulting in lower costs and greater benefits for the protected Bay environment. During this fiscal year, the BRRIT is fully staffed and trained. It is showing promise for improving the permitting process for the participating agencies. It has initiated the pre-application and permitting processing for 18 projects as well as completing related administrative tasks.

The Oversight Committee recommends that the BRRIT and Authority Staff more actively communicate to the public the importance of the BRRIT process as well as the amount of time and resources it has saved. We understand that the BRRIT currently is engaged in developing quantitative measures to track its performance, which may well address this recommendation. In addition, Staff should assess how the BRRIT could be improved. Most importantly, we are concerned that the BRRIT continue into the future fully funded and staffed for the continued success of Measure AA goals. In sum, the Oversight Committee supports the BRRIT,

recommends that the Authority find ways to guarantee its funding well into the future, and that all those involved assess the opportunities for scaling it up. Reducing the timelines and costs of permitting on SFBRA applicants is a critically important task. Finally, the task of integrating regulatory requirements for monitoring projects with those needed to more broadly understand wetland and landscape condition remains to be done. Secure funding will help the BRRIT to take on this work in close association with the WRMP.

Building for the Future and Managing Expectations

As we stated last year, “the restoration of the San Francisco Bay will fundamentally improve the Bay Area for decades to come. That vision, which is embodied in the strategic goals for Measure AA, is bold and ambitious.” In our view, restoration is imperative. Yet Measure AA may be only a down payment on the efforts required to achieve its goal: to restore and protect the ecological health of the Bay for the benefit of fish, wildlife, natural habitats and the human communities that surround them.

For example, one of Measure AA’s campaign goals is to restore 15,000 acres of wetlands and tidal marsh; however, the 1999 Baylands Ecosystem Habitat Goals Report recommended (and its 2015 update -- The Baylands and Climate Change -- affirmed) restoring 100,000 acres of tidal marsh to best support the Bay’s native species. Each of Measure AA’s other campaign goals similarly can be framed as part of a larger, long-term need for the Bay’s benefit. That said, the Oversight Committee would like to see the SFBRA acknowledge that the Habitat Goals Report was formulated before the threat of sea level rise was widely recognized (or fully appreciated), and that future changes in the shoreline will force a reevaluation of both the numeric goals and appropriate sites for future restoration.

We recommend that the Authority assess these overarching regional goals and begin to present them as context in future reports. We need to continue to improve messaging to the public about the importance of these resources in a time of change, possibly rapid change, brought on by large-scale alterations to our climate and ongoing anthropogenic stressors. We provide more specificity on this recommendation below in “Tracking Campaign Goals, Performance Measures and Beyond.”

Moreover, while no one expects taxpayers to shoulder the entire burden of restoration and improving resilience for the future, we know that the work must continue. We encourage the Governing Board to start planning for the next steps, including laying the groundwork for reauthorizing Measure AA or otherwise addressing the unmet needs and identifying potential funding partners and sources to augment the Measure AA program.

Geographic Distribution and Specific Habitat Goals

We are pleased that some of the issues identified from last year were addressed. Obviously, because of the large amount of funding promised to the South SF Bay Shoreline project, that regional goal has been met. We support continued efforts to reach out to the North, East, and West Bay areas to fulfill those regional needs.

The Oversight Committee recommends that the Authority continue to find ways to meet established goals for the categories of shellfish habitat (500 acres) and submerged aquatic vegetation (150 acres). Staff informed us of preliminary steps with project sponsors to begin to address these areas, and we encourage them to keep up with those efforts.

Tracking Campaign Goals, Performance Measures and Beyond

As mentioned above, the Oversight Committee would like to see additional work in the area of addressing how projects fit into a larger landscape-scale context. We break this recommended work into three components: summarizing goals for the ecological system (to supplement the Measure AA Campaign Goals); using these expanded goals to inform project selection; and judging project success, both individually and as a cumulative set.

Recognizing that summarizing the larger goals for the ecological system is no small task, the Oversight Committee does not envision doing original analysis, but rather extracting representative benchmarks from studies already available. For example, recent studies have augmented our knowledge not only about the number of acres of restoration required and which habitats should be represented, but also how these habitats should be arranged on the landscape to maximize the long-term benefits for both wildlife and people. In more specific technical terms, the goals would then encompass habitat extent, landscape composition, and landscape pattern or structure – which includes connectivity between habitat patches. These additional goals or benchmarks provide valuable context for judging the benefits of Measure AA projects and may help to attract additional state and federal funding.

Similarly, we suggest that the Measure AA goals related to community benefits, such as miles of levees and Bay Trail constructed (both in total and near economically disadvantaged communities), also be supplemented with any relevant information that provides Bay-wide context. In each case, we also recommend that the goals or benchmarks be considered for incorporation into performance measures or another logical reporting and communication mechanism.

This expanded list of goals or benchmarks should be used to assess future projects for funding as a supplement to the scoring system already used by the Authority Staff and Advisory Committee. The Oversight Committee is aware that the project selection process, as reflected in the Staff recommendation, already gives consideration to a particular project's conformance

with a long list of Bay area studies and policies such as the South Bay Salt Ponds Restoration Project, the Sonoma Creek Baylands Strategy, the SF Baylands Ecosystem Habitat Goals, the SF Bay Subtidal Habitat Goals, SF Bay Joint Venture’s Implementation Strategy, BCDC’s Coastal Management Program, and more. We recommend that the Authority formalize this existing consideration into a coherent framework, and ultimately provide a tool to identify and nurture projects that are particularly important to complete the landscape.

With respect to judging project success, the Oversight Committee supports making a concerted effort to integrate project data (largely done on a permit-by-permit basis) into system-wide information, not only by tracking progress toward its primary obligation of meeting campaign goals, but also its contribution toward the broader ecosystem goals described above.

Project sponsors need to collect data and information on permit compliance, but also on the delivery of ecosystem services that are delineated in those permits. These are two very different activities. The first is relatively simple and is a recitation of whether things were done as stipulated in the permit conditions. The second is more elusive and requires multiple levels of temporal and spatial analysis. We suggest that the WRMP is the best body to help with identification of overarching metrics (and associated methods) that each permit holder can perform, which will assist with answering system-wide questions about ecosystem function. The WRMP should work closely with the BRRIT to stitch together the regulatory requirements for monitoring so that duplication is eliminated and streamlining is maximized. In so doing, projects funded by the Authority can and should contribute to answering the broader management questions (such as “are we meeting the Measure AA Campaign Goals?”) while simultaneously addressing project-specific questions about site performance. These two levels of monitoring dovetail through coordination. In so doing, the data collected should be comparable between and among projects, thus saving on monitoring costs through greater efficiency and the elimination of duplication.

The Oversight Committee understands that these recommendations, while important, are a big ask and that the Authority Staff is already working at full capacity. For this reason, we endorse the notion of contractual assistance to assist in these efforts. Particularly in the case of integrating project data, contractual assistance may be necessary to compile this information, synthesize who is doing what and to what end, and to make recommendations to wetland and aquatic resource managers, including the Governing Board, on ways to integrate monitoring efforts.

EcoAtlas Dashboard

Last year, we encouraged the Authority to fund the production of a video or tutorial on the use of the EcoAtlas or to have Staff create one so the public can use this interactive tool. This year, we reiterate that recommendation in order to encourage the public and even prospective

applicants the opportunity to drill deeper into the EcoAtlas' capabilities of showing project data.

As for overall efforts to understand how the restoration projects are performing and how they can be improved, the Oversight Committee continues to advocate for an efficient, forward-looking approach using tools like the above-mentioned goals and WRMP, in addition to the EcoAtlas, to document progress towards our restoration objectives.

Outreach and Communication in Unsettled Times

The Oversight Committee recommends that the Authority's project managers put deliverables, project schedules and milestones, funding information, and how a particular project is contributing to meeting Campaign Goals on the website in a form that is readily available and understandable to the public. Staff informed the Oversight Committee that there will be an update to the website next year, and we think this would be a good time to address this issue.

Last year, we congratulated the Authority for its efforts to deal with the dual challenges of the pandemic and unsettled social times. We are pleased that the Authority's staff has kept up a "focus on environmental justice and partnership with people of color" as these issues have not gone away. If anything, because of the expected long-term effects of the economic slowdown due to the coronavirus, there is a greater need to reach out to historically marginalized communities to ensure engagement in the Bay's restoration efforts and with its recreational opportunities.

This report was approved by the Independent Citizens Oversight Committee at its meeting held on May 27, 2021.

Respectfully Submitted,



Paul Jones
Independent Citizens Oversight Committee, Chair