MEMORANDUM OF UNDERSTANDING AMONG
THE CITY OF REDWOOD CITY, CITY OF MENLO PARK,
TOWN OF ATHERTON, AND COUNTY OF SAN MATEO
(BAYFRONT CANAL AND ATHERTON CHANNEL
FLOOD MANAGEMENT AND RESTORATION PROJECT)

This Memorandum of Understanding (“MOU”) is made and entered into this 25th day of October, 2017 by and between the City of Redwood City, the City of Menlo Park, and the Town of Atherton (“Cities”), municipal corporations of the State of California, and the County of San Mateo (“County”), collectively referred to as Bayfront Canal/Atherton Channel Collaborative (“Collaborative”).

1. **Purpose.** The purpose of this MOU is to establish the terms and conditions for the cost sharing and responsibilities for the design phase of the Bayfront Canal and Atherton Channel Flood Management and Restoration Project (hereinafter referred to as “PROJECT”), which will include the engineering planning, design drawings, technical specifications, and cost estimates; environmental compliance and construction permitting; and securing property access rights necessary to initiate construction bidding. This includes initial site surveys, hydraulic analysis, environmental and construction permitting approval, design drawings, specifications and engineering design estimates for the Bayfront Canal and Atherton Channel Flood Management and Restoration Project, as listed in the “Scope” section of Exhibit A to this MOU titled, Bayfront Canal and Atherton Channel Flood Management and Restoration Project. This MOU is for design only, does not include construction and operation and maintenance activities, and does not bind any member agency’s participation in construction or operations and maintenance activities, but it may serve as a template for future agreements with the Collaborative.

This MOU outlines responsibilities for the first of a series of projects that will provide a regional approach for flood risk management. The Collaborative will maintain a comprehensive list of the current known flood risk reduction projects in the Bayfront Canal and Atherton Channel watersheds. Contributing percentages, as shown in Section 5 of the MOU and Exhibit A, will be used to determine the initial expected financial contribution of each member in the Collaborative. The flow contributions will be reviewed in the initial hydraulic modeling task performed by the design consultant, and confirmed by the Collaborative. This MOU and Exhibit A describes the process to modify contribution percentages following the consultant’s hydraulic analysis. Additional projects that could impact flow contributions, including but not limited to the projects described in Table 2 of Exhibit A, will not be included until significant design and funding of those projects is completed.

PROJECT construction, operation, and maintenance cost responsibilities will be addressed in future Agreements, or MOUs, subject to the agreement of all parties.
2. **Term of MOU and Termination.** This MOU is effective upon the day and date last signed and executed by the duly authorized representatives of the Collaborative to this MOU and the governing bodies of the Collaborative’s respective jurisdictions and shall remain in full force and effect until the completion of the PROJECT, until December 31, 2019. This MOU includes all consultant costs to complete this PROJECT incurred as of the Notice to Proceed to the consultant(s) executed on or after October 4, 2017. This MOU may be terminated, without cause, by any of the parties in the Collaborative upon 60 days written notice to all members of the Collaborative. If a party terminates the MOU, they will be responsible for their share of the cost of work performed up to the effective date of the termination. At the conclusion of the 60 days, the remaining Collaborative parties will stop work temporarily to address this change and may continue the PROJECT if agreed upon through an amendment to the MOU. A final invoice will be sent to all Collaborative parties for costs incurred through the term of the MOU. All members in the Collaborative will have 30 days from the date of the final invoice to remit payment for services to the County.

3. **Authorizations.** The City Managers of the City of Redwood City, the City of Menlo Park, and the Town of Atherton are authorized to approve extensions to the term of this MOU, to modify due dates, to resolve conflicts, or otherwise grant approvals on behalf of the Cities, provided such approvals are not vested in the authority of the Cities’ Council, and provided that any approval requiring payment of funds in excess of appropriated funds shall require Cities’ Council approval of the appropriations of those funds.

The San Mateo County Manager, serving as the County Board of Supervisors’ designee, is authorized to approve extensions to the term of this MOU, to modify due dates, to resolve conflicts, or otherwise grant approvals on behalf of the County, provided that any approval requiring payment of funds in excess of appropriated funds requires the County Board of Supervisors’ approval of the appropriation of those funds.

4. **Responsibilities of the Collaborative.** The County will serve as the lead and contracting agency for the PROJECT’s design and environmental consultants. Consultants will be selected from the County’s On-Call Engineering Service Agreements by a Collaborative Selection Committee. The County will manage the day to day work of the consultants as it relates to the objectives of the PROJECT, handle official communications regarding the contract, and reimburse the consultants under contract with the County for the work performed. Temporary and permanent land and easement negotiations with Caltrans, Cargill, West Bay Sanitary District, and other organizations will be facilitated by the County. The County of San Mateo Real Property Services will provide support for right of way acquisition services and real property expertise if the Collaborative needs these services. Each jurisdiction may be party to negotiating and securing easements or access for construction activities within their jurisdiction, and will be responsible for purchasing these easements, with the cost to be borne by the Collaborative. Land rights resulting from legal transfer and holding of easements will belong to the jurisdiction in which the land exists.

A designated staff member from each party in the Collaborative will participate in a working committee to ensure that the PROJECT direction and guidance needed from the Collaborative is
communicated to the County. The working committee will update their respective jurisdictions as progress is made to obtain feedback that will form the final design.

5. Payment. Up to $1,000,000 (depending on final cost of PROJECT) of the PROJECT outlined in this MOU will be paid for by the Collaborative. The costs will be allocated based on the contributing percentages of the Cities and the County in the Atherton Channel and Bayfront Canal watershed boundaries. A description of the contribution percentages is outlined in Exhibit A. The Town of Woodside has decided not to participate and the 3.5% (up to $35,000) financial responsibility will be distributed by flow contribution across the Collaborative. The maximum financial contribution for the Town of Atherton has been capped at $165,000. The residual cost resulting from a jurisdictional cap will be distributed by flow percentages to the remaining members of the Collaborative. The updated MOU financial contribution percentages are as follows: Town of Atherton 16.5% (up to $165,000); City of Redwood City 36.2% (up to $362,000); County of San Mateo 31.3% (up to $313,000); City of Menlo Park 16.0% (up to $160,000), and Town of Woodside 0.0% ($0). The flow contributions may be amended through the term of this MOU pending initial consultant review and review of additional projects in the watershed area that reduce or alter flow contributions. Any modifications to the contributing percentages will require approval of each party in the Collaborative and an Amendment to this MOU.

The intent of this MOU is to cover consulting costs for planning, design, environmental permitting and land acquisition. This MOU includes all consultant costs to complete this PROJECT incurred as of the Notice to Proceed to the consultant(s). This Agreement and terms may be amended at a future date to include construction, operations, and maintenance. Any funding opportunities, including but not limited to grants and co-op agreements, that are awarded for planning, design, and environmental permitting throughout the duration of this MOU will be prorated by the same contribution percentage of each Collaborative member at the date of the execution of that funding agreement. This is intended to decrease the overall PROJECT cost to the Collaborative. Grants or additional funding received will be used to first reimburse members of the collaborative that have agreed to absorb residual costs not funded by capped jurisdictions. Any jurisdiction that is capped will not receive grants or additional funding until the residual cost of their cap has been absorbed. Funding opportunities for construction will be assessed in a subsequent Agreement or Agreements.

The County will serve as the Project Manager and as such will coordinate with the consultant teams and manage the consultant contracts. The County will invoice the Collaborative for payment to the On-Call Engineering Service Agreements as described in Exhibit A. The Town of Atherton will enter into a separate agreement with the County of San Mateo for a loan to fulfill their financial responsibility to this MOU. Project management support by the County will include invoicing the Collaborative, managing the consultant contracts, and project coordination. Each of the Cities in the Collaborative will be invoiced for the consultant services on a quarterly basis and will remit a check payable to the County of San Mateo within 30 days of the invoice date. A table that illustrates the financial responsibilities of each member of the Collaborative is included in Exhibit A.
6. **General Provisions**

A. **Indemnification.** Pursuant to Government Code Section 895.4, each party agrees to fully indemnify, defend, and hold the other party (including its appointed and elected officials, officers, employees, and agents) harmless from any damage or liability imposed for injury (as defined by Government Code section 810.8) occurring by reason of the negligent acts or omissions or willful misconduct of the indemnifying party, its appointed or elected officials, officers, employees, or agents, under or in connection with any work, authority, or jurisdiction delegated to such party under this MOU. No party, nor any appointed or elected official, officer or employee, or agent thereof shall be responsible for any damage or liability occurring by reason of the negligent acts or omissions or willful misconduct of the other party hereto, its appointed or elected officials, officers, employees, or agents, under or in connection, with any work, authority, or jurisdiction delegated to such other party under this MOU.

B. **Amendments.** Each party in the Collaborative may request changes to this MOU. Any changes, modifications, revisions or amendments to this MOU including contribution limits by parties, which are mutually agreed upon by and between the Collaborative to this MOU, shall be incorporated by written instrument, and effective when executed and signed by all parties in the Collaborative to this MOU.

C. **Severability.** If any provision of this MOU shall be held to be invalid, void, or unenforceable, the validity, legality, or enforceability of the remaining portions hereof shall not in any way be affected or impaired thereby.

D. **Applicable Law.** The construction, interpretation and enforcement of this MOU shall be governed by the laws of the State of California. The courts of the State of California shall have jurisdiction over any action arising out of this MOU and over the Collaborative.

E. **Notices.** Any and all notices required to be given hereunder shall be deemed to have been delivered upon deposit in the United States mail, postage prepaid, addressed to each party in the Collaborative at the following address or such other address as is provided by such party in writing:

<table>
<thead>
<tr>
<th>To City: City of Redwood City</th>
<th>To City: City of Menlo Park</th>
<th>To Town: Town of Atherton</th>
<th>To County: County of San Mateo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melissa Stevenson Diaz</td>
<td>Alex McIntyre</td>
<td>George Rodericks</td>
<td>John Malbie</td>
</tr>
<tr>
<td>City Hall</td>
<td>Admin Bldg/City Hall, 2nd Floor</td>
<td>91 Ashfield Drive</td>
<td>400 County Center, 1st Floor</td>
</tr>
<tr>
<td>1017 Middlefield Road</td>
<td>701 Laurel St</td>
<td>Atherton, CA 94027</td>
<td>Redwood City, CA 94063</td>
</tr>
<tr>
<td>Redwood City, CA 94063</td>
<td>Menlo Park, CA 94025</td>
<td>Attn: City Manager</td>
<td>Attn: County Manager</td>
</tr>
<tr>
<td>Attn: City Manager</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

F. **Entirety of Agreement.** This MOU, consisting of five pages, signature pages, one Exhibit A represents the entire and complete MOU between each party in the Collaborative and supersedes any prior negotiations, representations and agreements, whether written or oral.
G. Debt Limitation. The Collaborative is subject to laws or policies which limit their ability to incur debt in future years. Nothing in this MOU shall constitute an obligation of future legislative bodies of the Cities or County to appropriate funds for the purpose of this MOU.

H. Conflict of Interest. The Collaborative shall avoid all conflicts of interest in the performance of this MOU and shall immediately notify the Collaborative should a conflict of interest arise that would prohibit or impair the Collaborative’s ability to perform under this MOU.

I. Disputes. The Collaborative agrees that, with regard to all disputes or disagreements arising under this MOU that are not resolved informally at the staff level after a good faith attempt by the Collaborative, the Collaborative may, at their sole and mutual discretion, agree to engage in mediation. The costs of the mediation shall be divided equally between the parties of the Collaborative, unless otherwise agreed.

J. Non-Discrimination. Neither the Cities nor County will discriminate, in any way, against any person based on sex, pregnancy, childbirth or related medical conditions, race, veteran status, religion, color, national origin or ancestry, physical or mental disability, medical condition, marital status, age, gender (including gender identity and gender perception), sexual orientation, use of family medical leave, genetic testing, or any other basis protected by federal or state law. This policy shall apply to all employment practices.

K. Counterparts. This Agreement may be executed in any number of counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, taken together, shall be deemed to be one and the same instrument.

7. Signatures. In witness whereof, the Collaborative to this MOU through their duly authorized representatives have executed this MOU on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.

The effective date of this MOU is the date of the signature last affixed to this page.


[SIGNATURES ON FOLLOWING PAGES]
MEMORANDUM OF UNDERSTANDING AMONG
THE CITY OF REDWOOD CITY, CITY OF MENLO PARK,
TOWN OF ATHERTON, AND COUNTY OF SAN MATEO
FOR THE BAYFRONT CANAL AND ATHERTON CHANNEL
FLOOD MANAGEMENT AND RESTORATION PROJECT

IN WITNESS WHEREOF, the Collaborative hereto, by their duly authorized representatives,
have executed this Memorandum of Understanding.

Each party in the Collaborative has executed a separate signature page.

APPROVED AS TO FORM:

By: 
William L. McClure
City Attorney

Date: 10/25/17

City of Menlo Park, a California
Municipal Corporation

By: 
Alex D. McIntyre
City Manager

Date: 10/25/17

cc: Aaron Aknin, Redwood City; Ramana Chinnakotla, P.E., Redwood City; Justin Murphy,
P.E., Menlo Park; Marty Hanneman, Town of Atherton; Jim C. Porter, P.E. County of San Mateo
Exhibit A

Bayfront Canal and Atherton Channel Flood Management and Restoration Project
Prepared by County of San Mateo
October 24, 2017

Purpose:
The purpose of this MOU is to complete the planning, design, environmental permitting, and secure property access rights for the Bayfront Canal and Atherton Channel Flood Management and Restoration Project (Project) on behalf of the Cities of Redwood City and Menlo Park, the Town of Atherton (Cities), and the County of San Mateo (the County) also referred to as the Bayfront Canal/Atherton Channel Collaborative (Collaborative). This MOU is for design only, does not include construction and operation and maintenance activities, and does not bind any member agency’s participation in construction or operations and maintenance activities. This is the first in a series of anticipated future projects that will provide flooding relief to this cross-jurisdictional region.

Project Background:
The Bayfront Canal is located just north of Highway 101 in the City of Redwood City. The Bayfront Canal extends from west to east, from Douglas Court to Marsh Road and is bounded to the north by Cargill’s salt ponds and to the south by residential and industrial properties. The Atherton Channel has approximately 6.5 square miles of tributary drainage area and discharges into the Bayfront Canal near Marsh Road. The Bayfront Canal has an additional 3 square miles of tributary drainage area, most of which is located on the south side of Highway 101. The combined flow from the Atherton Channel and Bayfront Canal, a total of 9.5 square miles of contributing area, discharges into Flood Slough through a tide gate control structure. The watershed area, Project location, and planned future projects within the watershed are summarized in Figure 1.

Hydrology:
The peak flow rates from the Bayfront Canal Hydrology and Hydraulic Evaluation, prepared for Stanford Hospital & Clinic in June 2017 by BKF, was used to calculate the proportional jurisdictional flow based on watershed areas. The flow contribution percentages presented in Table 1 will provide a baseline funding strategy. These contributions will be expanded upon based on participation and for funding of the construction and operation and maintenance phases of the Project. A reduction of flow contributions per jurisdiction will be evaluated if upstream detention and storm water capture projects are implemented within the watershed.

Table 1. Jurisdictional Contributions

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Watershed Area</th>
<th>Flow Contribution</th>
<th>Financial Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Town of Atherton</td>
<td>44</td>
<td>38.0</td>
<td>16.5</td>
</tr>
<tr>
<td>City of Redwood City</td>
<td>13</td>
<td>26.0</td>
<td>36.2</td>
</tr>
<tr>
<td>San Mateo County</td>
<td>20</td>
<td>22.0</td>
<td>31.3</td>
</tr>
<tr>
<td>City of Menlo Park</td>
<td>17</td>
<td>10.5</td>
<td>16.0</td>
</tr>
<tr>
<td>Town of Woodside</td>
<td>6</td>
<td>3.5</td>
<td>0.0</td>
</tr>
</tbody>
</table>

This Project is the first step towards providing capacity for future projects within the watershed to reduce flooding. The most recent proposed solution that recommends the installation of 4 – 63” HDPE siphon pipes is shown in Figure 2. The alignment passes under Marsh Road to the north of Highway 101 and
connects to Pond S5 of the South Bay Salt Pond Restoration Project. This alternative needs to be developed adequately to be considered in the environmental permitting process.

**Stakeholders**

- **Project partners (the Collaborative):** The Collaborative is composed of the City of Redwood City, City of Menlo Park, Town of Atherton, and the County of San Mateo.
- **Regulatory Stakeholders:** Regulatory stakeholders who require permits include but are not limited to the California Department of Fish and Wildlife (CAFWS), the Regional Water Quality Control Board (RWQCB), the US Army Corps of Engineers, the US Fish and Wildlife Services (USFWS), Caltrans, and the San Francisco Bay Conservation and Development Commission (BCDC).
- **Additional Stakeholders:** Additional key stakeholders who have contributed to the evolution of the Project improvements include but are not limited to Cargill, Stanford University, Stanford Medical, the South Bay Salt Pond Restoration Project (SBSPRP), and the San Francisco Estuary Partnership (SFEP).

**Preliminary Design Workshop:**
The Collaborative hosted a Preliminary Design Workshop to validate and agree on the preferred design of the proposed Project. The Preliminary Design Workshop included planning, hydraulic, geotechnical, structural engineering, and environmental compliance resources from the County’s On-Call Engineering Service Agreements. The goal of the Preliminary Design Workshop effort was to validate and optimize the proposed design and to ensure that it considers environmental permitting and operational limitations and conditions that may impact the life and resiliency of the Project. The following list summarizes the goals and outcomes of the workshop:

- **Review of existing conditions and Information.** Summarize existing information and garner support for a comprehensive alternative to use in the environmental permitting process
- **Implementation strategy.** Collaborate on most recent hydraulic model results and agree on an implementation approach that best meets the environmental compliance and permitting requirements for the preferred alternatives
- **Funding.** Develop high level engineering cost estimate for the preferred alternative and a funding strategy, which explores and considers multiple sources of funding in additional to Capital and traditional sources of funding.
- **Schedule.** Develop a preliminary schedule that includes Local, Regional, State and Federal stakeholder updates at key milestones

Following the Preliminary Design Workshop, a representative member from each jurisdiction of the Collaborative participated in the selection of the planning and design team. Regular Review Sessions will be held to incorporate stakeholder input and generate the most effective and resilient solution. Collaboration will take place through subject-specific workshops with Project owners and stakeholders.

**Scope:**
The scope of work for this Project is defined below. Representatives from the Collaborative will review and select consultants based on proposals submitted by planning, design, and environmental permitting teams from the County’s On-Call Engineering Services Agreements to deliver the scope of services listed below. The Consultants will be responsible for validating and calibrating technical information and ensuring that the Project objectives, budget, and key milestones are met.
Exhibit A

Task 1. Initial Hydraulic Analysis, Conceptual Design, and Review: A planning and design team will review previous hydraulic analysis and prepare preliminary designs necessary to initiate environmental permit negotiations. These initial designs will be reviewed in an Initial Design Review Workshop. This workshop will provide an opportunity for key stakeholders to review the proposed design. Consultants with potential conflict of interest will be excluded as the lead for this initial task.

Task 2. Land and Easement Negotiations: Land and easement negotiations with agencies such as Cargill, Caltrans, and West Bay Sanitary District will be facilitated by the planning and design team to secure anticipated easements or to negotiate access for construction activities.

Task 3. Environmental Review and CEQA/NEPA Documentation: The environmental permitting team will prepare the necessary documents. The planning and design team will support the environmental permitting team through review, project description, and the purpose and need statements. This task will build upon the work completed by others for the SBSRP Phase 2 EIR/EIS.

Task 4. Final Design and Construction Documents: Plans and specifications will be prepared at the 60%, 90%, and 100% design stages. The final deliverable will be a set of construction ready plans, specifications and engineering estimates (PS&E). This Task will include construction permitting and grant acquisition.

Task 5. Bidding and Construction: Construction services such as contract bidding support, support for requests for information (RFI), and construction services will be part of an amended MOU or separate agreement.

Cost and Funding:
Current estimates for planning, design, environmental permitting, and land negotiation tasks are estimated at approximately $1,000,000. The initial funding contribution for this work from each jurisdiction was estimated based on the percentages listed in the flow allocations listed in Table 1, which will be reviewed under consultant Task 1. The Town of Woodside has decided not to participate and the 3.5% financial responsibility will be distributed by flow contribution across the Collaborative. The Town of Atherton has a contribution maximum of $165,000 for the MOU. The residual cost resulting from a jurisdictional cap will be distributed by flow percentages to the remaining members of the Collaborative. The updated MOU financial contribution percentages are as follows: Town of Atherton - 16.5%, City of Redwood City - 36.2%, County of San Mateo - 31.3%, City of Menlo Park - 16.0%, and Town of Woodside - 0.0%. This MOU includes all consultant costs to complete this Project incurred as of the Notice to Proceed to the Consultants of October 4th, 2017. This MOU is for design only and does not include or bind any member agency’s participation in construction or operation and maintenance activities. Funding contributions per jurisdiction, for construction, and operations and maintenance will need to be assessed and negotiated in an amended MOU or separate agreement.

The Collaborative will actively pursue grant opportunities for funding planning, design, and construction throughout the duration of the MOU. This is intended to decrease the overall Project cost to the Collaborative. Any grant awards will be distributed by contribution percentages. Grants or additional funding received will be used to first reimburse members of the collaborative that have agreed to absorb residual costs not funded by capped jurisdictions. Any jurisdiction that is capped will not receive grants or additional funding until the residual cost of their cap has been absorbed.
Exhibit A

Public Outreach and Education:
A public outreach and education plan will be developed as part of the Project. This outreach plan will be used to inform and educate the public and other stakeholders on the specifics of existing flood risks, potential solutions, and necessary green/grey infrastructure and operation and maintenance investments needed to alleviate flooding in the area. Consistent messaging and informational materials will be shared with the Collaborative to publish on their respective websites and for public distribution. The goal of this effort is to ensure that the impacted communities and stakeholders have a clear understanding of the flood risk reduction this Project will provide, and to educate them on other projects in the system that will need to be completed to ensure the region remains resilient to flooding to the extent possible.

Future Work:
The Project is limited to the planning, design, environmental permitting, and easement negotiations necessary to advertise for bidding. Land rights resulting from legal transfer and holding of easements will belong to the jurisdiction in which the land exists. Negotiations of any necessary easements or land acquisitions will be facilitated with support from the County, the Collaborative, and the design Consultant. Future Addendums, MOUs, or Agreements will be required to address the construction and maintenance of the Project.

In addition to this Project, potential flood mitigation provided by upstream stormwater retention projects in the Bayfront Canal and Atherton Channel watersheds will be analyzed by the Collaborative as needed. Flow allocations per jurisdiction may be adjusted if it appears that upstream detention improvements reduce flow contributions to the Project and once the improvements have obtained significant design and funding. Table 2 below describes the potential future projects that may affect the existing flow contribution allocations listed in Table 1.

<table>
<thead>
<tr>
<th>Project</th>
<th>Responsible Party</th>
<th>Goal</th>
<th>Cost(^1)</th>
<th>Contribution(^2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bayfront Canal and Atherton Channel Flood Management and Restoration Project</td>
<td>All Parties</td>
<td>Mitigate flooding adjacent to Bayfront Canal</td>
<td>$7,000,000-$8,000,000</td>
<td>N/A</td>
</tr>
<tr>
<td>Holbrook-Palmer Detention Basin (Las Lomitas School District)</td>
<td>Town of Atherton</td>
<td>Retain dry weather flow and first flush for water quality treatment</td>
<td>$13,600,000</td>
<td>TBD</td>
</tr>
<tr>
<td>Tide Gate Upgrades</td>
<td>All Parties</td>
<td>Prevent high tide waters from entering the watershed</td>
<td>TBD</td>
<td>N/A</td>
</tr>
<tr>
<td>South Bay Salt Pond Restoration Phase II</td>
<td>Coastal Conservancy</td>
<td>Receive flood waters from Bayfront Canal/Atherton Channel</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>Chrysler Pump Station</td>
<td>Menlo Park</td>
<td>Convey flood waters to Flood Slough</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>Douglas Ave Pump Station</td>
<td>Redwood City</td>
<td>Convey flood waters to Bayfront Canal</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>Broadway Pump Station</td>
<td>Redwood City</td>
<td>Convey flood waters to Bayfront Canal</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>Fifth Ave Pump Station</td>
<td>Redwood City</td>
<td>Convey flood waters to Bayfront Canal</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>Athlone Terrace Pump Station</td>
<td>San Mateo County</td>
<td>Convey flood waters to Atherton Channel (ultimately Bayfront Canal)</td>
<td>TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>

\(^1\) Costs are approximate and do not include construction permitting, easements, or O&M.
\(^2\) Flow reductions to system will be determined following hydrologic analysis.
Exhibit A

Figure 1. Bayfront Canal and Atherton Channel Project Location and Future Projects within Watershed
Exhibit A

Figure 2. Moffat and Nichol Design Alternative
Exhibit A

This page is intentionally left blank.