

Grant Progress Report
 Bay Area Green Infrastructure Master Planning Project
 GA# 12-415-550

Progress Report # 3

Reporting Period: 1/01/2014 to 3/31/2014

Submittal Date 5/14/2014

Grant Agreement No: 12-415-550
 Project Name: Bay Area Green Infrastructure Master Planning Project
 Contractor Name: San Francisco Estuary Partnership / ABAG

I certify under penalty of law that this document and any attachment was prepared by me or under my direction in accordance with the terms and conditions of each Grant Agreement Exhibit. Based on my inquiry of the persons or persons who manage the project, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. All information submitted in this document and all attachments conform to and is in accordance with the state and federal laws and I so here certify with my signature. I am aware that there are significant penalties for submitting false or misleading information.

Project Director: Judy Kelly JUDY A. KELLY
 Judy Kelly – Printed Name Signature

Summary of Work Completed To Date

| Work Item | Items for Review | Critical Due Date | Estimated Due Date | Percent Work Complete | Date Submitted |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------|--------------------|-----------------------|---------------------|
| EXHIBIT A – SCOPE OF WORK TO BE PERFORMED BY THE GRANTEE | | | | | |
| A. | PLANS AND GENERAL COMPLIANCE REQUIREMENTS | | | | |
| 1. | GPS information for Project site and monitoring locations | Day 90 | | 100% | 10/26/13 |
| 2. | Monitoring and Reporting Plan | N/A | N/A | N/A | N/A |
| 2.1 | Project Assessment and Evaluation Plan (PAEP) | Day 90 | | 100% | 10/26/13 |
| 2.2 | Monitoring Plan (MP) | N/A | N/A | N/A | N/A |
| 2.3 | Quality Assurance Project Plan (QAPP) | N/A | N/A | N/A | N/A |
| 2.4 | Proof of Water Quality Data Submission to CEDEN | N/A | N/A | N/A | N/A |
| 3. | Copy of final CEQA/NEPA Documentation | Day 90 | | 100% | 10/26/13 |
| 4. | Public Agency Approvals, Entitlements, or Permits | N/A | N/A | N/A | N/A |
| B. | PROJECT-SPECIFIC REQUIREMENTS | | | | |
| 1. | Project Management | | | | |
| 1.2 | Notification of Upcoming Meetings, Workshops, and Trainings | | 15 Days In Advance | | |
| 2. | TAC | | | | |
| 2.1 | List of TAC Members, Their Affiliated Organizations, and Their Roles and Responsibilities | | November 2013 | 100% | 12/2/13 04/24/14 |
| 2.2 | Three (3) TAC Meeting Agendas, Sign-In Sheets, and Minutes | | As Needed | 33% | 11/14/13 |
| 2.3 | TAC Status Report | December 31, 2014 | | | |
| 3. | Toolkit | | | | |
| 3.4 | The Packaged Toolkit | | February 2015 | | |
| 3.5 | Toolkit Technical Memorandum | April 30, 2015 | | | |
| 3.6 | List of Communities and Staff Contact Information that Participated in Toolkit Demonstration | | May 2015 | | |
| 4. | Green Infrastructure Master Plans | | May 2015 | | |
| 4.1 | Preliminary Meeting Minutes and a List of Selected Watersheds | | February 2014 | 100% | 12/31/13 |
| 4.2 | Toolkit Results and Secondary Meeting Minutes | | December 2014 | | |

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|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------|-----------------------|----------------|
| 4.3 | List of Potential LID Retrofit Sites Selected for Field Verification | | December 2014 | | |
| 4.5 | List of Selected Sites for LID Conceptual Design | | April 2015 | | |
| 4.6 | Green Infrastructure Master Plans | | May 2015 | | |
| 5. | Evaluation of Potential Funding Mechanisms | | | | |
| 5.1 | Meeting Agendas, Sign-In Sheets, and Minutes | | April 2015 | | |
| 5.2 | In-Lieu Fee Program Memorandum | | May 2015 | | |
| 6. | Education and Outreach | | | | |
| 6.1 | Website Link | | October 2013 | 100% | 10/26/13 |
| 6.3 | Webinar Material | | July 2015 | | |
| 6.5 | Project Results Presentation Material | | July 2015 | | |
| EXHIBIT B – INVOICING, BUDGET DETAIL, AND REPORTING PROVISIONS | | | | | |
| A. | INVOICING | | Quarterly | 33% (3/9) | 5/14/14 |
| G. | REPORTS | | | | |
| 1. | Progress Reports within forty-five (45) days following the end of the calendar quarter (March, June, September, and December) | | Quarterly | 33% (3/9) | 5/14/14 |
| 2. | Annual Progress Summaries | | Annually by 9/30 | | |
| 3. | Natural Resource Projects Inventory (NRPI) Survey Form | Before Final Invoice | | | |
| 4. | Draft Final Project Report | August 31, 2015 | | | |
| 5. | Final Project Report | October 31, 2015 | | | |
| 6. | Final Project Summary | Before Final Invoice | | | |
| 7. | Final Project Inspection and Certification | Before Final Invoice | | | |

Progress Report Narrative

Introduction

GreenPlan Bay Area is a collaborative effort between San Francisco Estuary Partnership (SFEP), San Francisco Estuary Institute (SFEI) and several Bay Area municipalities. SFEI will develop spatial tools which will be used by several Bay Area municipalities to develop plans that identify the optimal combination of Green Infrastructure (GI)/Low Impact Development (LID) features for achieving desirable outcomes at the watershed scale.

The spatial tools, aka GreenPlan-IT, will include four components: a GIS siting tool with user interface to determine site suitability, a watershed model to identify high-yield runoff and pollutant areas ('hot spot'), optimization techniques to search for optimal combinations of LID locations, types and configurations, and a post-processor to compile and display outputs in user-friendly formats.

After development, GreenPlan-IT will be pilot tested in several municipalities/watersheds. The results of GreenPlan-IT will serve as the basis for municipal Green Infrastructure Master Plans and/or a list of priority LID sites for each jurisdiction. Conceptual designs will be developed for 8 LID sites/projects. Jurisdictions will also collaborate with ABAG/SFEP to explore potential funding frameworks (such as alternative compliance programs) for LID retrofits.