

Measure AA Bond Oversight Committee Transaction Questions – February 4, 2021

Question on the overall cost of the MAA02-002 Ravenswood Bay Trail project

A: The costs of this project need to be considered of the context of its location (tidal wetlands) in an extremely ecologically sensitive environment, which subjected the project to a heightened regulatory framework involving both state and federal authorities. As of June 30, 2020 the total Measure AA expenditures for the project came to \$5,124,863. This total was offset by \$2,000,000 (\$700,000 CalTrans, \$300,000 Facebook, \$1 million San Mateo County) in grant income received from several sources leaving a total of \$3,124,863 net expenditures charged to Measure AA. A principal component of the trail was the construction of a wooden boardwalk over the tidal wetlands, but there are several other components of the overall 2.2 miles of trail:

General Site Construction Costs \$391,431

- Mobilization/Demobilization
- ~3,570 sf of marsh mats
- ~2,390 linear feet of wildlife exclusion fencing
- Traffic control (University Avenue)
- Construction fencing
- Straw and seeding
- Demolition
- Erosion Controls and BMP's
- Phytophthora prevention controls and monitoring

SFPUC Service Road Area \$915,135

- ~0.8 miles (400 linear feet) of new sidewalk + crosswalk
- New vehicular gate and automatic pedestrian gate with solar power control system
- ~0.37 miles of new decomposed granite trail shoulder
- ~0.37 miles of new security fencing, access gates, and vehicular gate
- Service road asphalt widening and repair in select locations
- Striping and signage
- 270 linear feet of 10' tall good neighbor fence

Bridge: \$350,300

- 86 linear foot steel bridge
- Concrete abutments with +40' steel piles

Boardwalk: \$1,344,330

- ~0.2 miles (1,000 linear feet) of redwood boardwalk, with three overlooks and 4 benches
- Supported by Alaskan yellow cedar substructure. Piles were driven ~26' into the mud + 7' exposed above ground
- Access gates for PG&E to access their high-voltage cat walk

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Levee Trail Reconstruction \$861,035

- ~0.95 mile of asphalt trail paving + gravel shoulders, including re-build in some unsuitable sections
- ~0.15 miles of asphalt walk repave from parking lot to trailhead
- ~0.5 miles of gravel trail paving, including re-build in some unsuitable sections
- Temporarily replace the existing Ravenswood Bridge (5 ton) with a construction bridge (75 ton)

TOTAL: \$3,862,231

General Question for All

(DG) For all samples – I have the name or initials of the person signing off on the invoices but no way or knowing if this was the Project Manager. This has come up in past years – was staff going to provide us with a list of the project managers for the samples we are reviewing?

A: The names of the project managers are provided on the invoice cover sheets.

Land Transaction

Old Republic Title Co.

Q1 (PB): Did the \$5,000 deposit occur within this fiscal year? If so, can the invoice/bank statement be shared?

A: The check to Old Republic for the \$5,000.00 deposit was issued on October 2, 2019 (within FY20). Please see the screenshot below from the financial system. Note also that the \$5,000 deposit also appears as being paid on the escrow statement.

Accounts Payable Invoice Inquiry

Invoice 2019-10-02

Invoice Batch		Payment Information		Invoice Net Amount	
Batch Department	ADMIN - Admin	Bank Account	Wells Fargo Bank-General	Invoice Amount	\$5,000.00
Batch Date	10/02/2019	Payment Type	Check	Discount	
Batch Number	2020-00000148	Payment Number	80600	Freight	
Batch Description		Payment Date	10/02/2019	State Tax	
Created by User	Warren Chan	Manual Check		County Tax	
		Check Sort Code		City/Local Tax	
		Check Code		Retainage	
				Invoice Net Amount	\$5,000.00

Invoice		Remittance Information	
Status	Paid	Vendor	10578 - Old Republic Title Co.
Invoice Department	ADMIN - Admin	Contact Name	Old Republic Title Co.
Invoice Number	2019-10-02	Description	
Invoice Description	Deposit for Escrow #0626031576	Address	Attn: Susan Goulet 361 Lytton Ave, Ste 100 Palo Alto, CA 94301
Invoice Date	10/02/2019	Email Address	
Due Date	10/02/2019		
G/L Date	10/02/2019		
Received Date			
Terms			
Hold Payment Reason			

Top 12 Transactions

MAA02-002 Graniterock \$1,130,348.51 – Invoice #990457

Q1 (TT): Change Order #04 for Downtime and miscellaneous. What was this for and was it properly charge to Measure AA?

A: Change Order #04 included extra work for unforeseen difficult pile driving, stand-down time related to difficult pile driving conditions and work to realign the trail boardwalk around a tidal finger. As this is part of the overall construction/capital costs related to the contract, it would be eligible for Measure AA reimbursement.

Q2 (DG): Approved by Sean S; is this the Project Manager? Detailed invoice has an item for \$8,220.00 for Phytophthora Contamination; is this to clean equipment and tools to eliminate contaminating the site with Phytophthora?

A: Sean S = Sean Smith, Capital Projects Manager II from Engineering & Construction. Sean and Scott Reeves, Senior Capital Projects Manager are the two E&C staff assigned to the Graniterock/Ravenswood contract due to the magnitude and complexity of the project. We confirmed that the contract with Graniterock included a specific provision for phyto-sanitation measures due to the ecologically sensitive nature of the site. These measures were necessary to avoid contamination of a deleterious plant pathogen that can be commonly found in contractor equipment that is used to transplant plants purchased from nurseries.

MAA02-002 Hanford ARC \$48,800.00 – Invoice #1910RBT190

Q1 (CD): Assume year 1-5 for maintenance in the contract will not be charged to MAA funds?

A: The contract is split into two elements: one for the purchase and installation of plants which are charged to Measure AA as revegetation costs. Ongoing maintenance costs for irrigation, weeding and inspections will be charged to the General Fund, not to Measure AA.

MAA18-002 City of Saratoga \$275,193.10 – Invoice #PWSS000008

Q1 (DG) The request for Payment stamps initialed by ‘JC’ and some of the invoices say “Okay to Pay EB” - are either the Project Manager?

A: Both initials referred to are City of Saratoga staff. Under the partnership agreement between the District and the City, the City paid the bills and then submitted an invoice to the District for partial reimbursement of the costs incurred. In this instance, the invoice was approved internally by Midpen staff and Project Manager Tina Hugg (TH) who is a Senior Planner. The electronic/email approval was instituted due to work from home measures relating to the COVID pandemic.

Q2 (CD): Is MROSD managing this project, and if so, why have vendors contracted with and billing the City of Saratoga instead of MROSD?

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A: The City of Saratoga is the overall project manager for the Saratoga-to-the-Sea trail. MROSD signed a partnership agreement with the City to reimburse/fund a portion of the overall costs with Measure AA funds.

Q3 (CD): Why reimburse the City for “research trail bond” expenses?

A: The reimbursement arrangement between the City and the District provided for the District to fund up to a maximum of \$265,000 of the City’s estimated \$350,000 budget for design work (or 75.7%). As to the construction phase of the project, the agreement calls for the District to fund up to a maximum of 50% of the City’s \$2.2 million construction, or \$1.1 million. Given the nature of the bills and costs incurred, it is not possible to assign a particular line item as being paid by either the City or the District.

Q4 (CD): It appears that MROSD has under-booked MBOSC costs as retainage fee, not expensed. Why?

A: Please see the previous answer. The District only reimburses the City for the agreed share of overall expenditures and is not involved in the accounts payable processing or accounting on the City’s side.

Q5 (CD): Not clear what services Timothy C. Best provides; invoice appears vague.

A: Timothy C. Best provides engineering geologist services to inform trail design and construction. Mr. Best has worked on numerous District trail projects. This particular trail project was challenging given the steep slopes and numerous drainage crossing that required engineering geologist expertise to design a long-term, sustainable trail that meets current construction standards. Mr. Best provided design guidance and construction oversight to ensure that the final product adhered to the final design.

Q6 (DG): Noticed that all of the invoices were paid 50% from MidPen Funds and 50% from City of Saratoga Funds yet 100% was expensed to MAA – is there documentation when MidPen then reimbursed the City for the 50% the City paid?

A: Please see previous reply; the agreement has the District reimbursing up to \$265,000 of costs associated with the design phase (75.7%) and 50% of the costs associated with the construction phase (up to maximum of \$1.1 million). The District’s contribution to complete the regional trail connection (which also encompasses the City’s acquisition of the underlying trail easement) totals \$1.365M (\$265k for design + \$1,1M for construction), which as stated completes the MAA allocation for Portfolio 18 (South Bay Foothills: Saratoga-to-Sea Trail and Wildlife Corridor) since the commitments under this portfolio have been fully met (i.e. protect wildlife corridor along Highway 9; connect trail to Saratoga-to-Sea Trail and Skyline-to-Sea Trail. As noted above, the total project budget was \$2.55M, with the remainder of the cost incurred by the City of Saratoga.

Q7 (DG): Couldn’t find support for the retention of \$42,467.54 – only found retention indicated for the MBOSC invoices ($\$1875.24 + \$7,420.80 + \$10,513.50 = \$19,809.54$) (Tolley) The Expense Summary cover page prepared by the City has 100% of each invoice to be reimbursed by Midpen.

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A: The retention is the total across the FY20 invoices. The Expense Summary shows 50% split for construction costs, with 100% of the District's share to be reimbursed via use of Measure AA funds.

Q8 (DG): Many, if not most of the individual invoices from the vendors to the City are stamped and marked by the City's A/P department "50% MidPen", "50% city funds". Examples are MBOSC for \$37,505, Porschy's for \$12,478 and HT Harvey for \$10,497. So the invoice summary is in error or the cost sharing agreement between MidPen and the City changed at some point or the A/P markings are mistakes, yes?

A: Please refer to the discussion on the split of costs under the agreement between the District and the City. Note that the split differs between design costs (75.7% Midpen, 24.3% City) and construction costs (50% Midpen, 50% City).

MAA17-002 Coastwide Environmental \$153,220.00 – Invoice #10828-2

Q1 (TT): The invoice does not appear to have been approved by Tanisha Werner.

A: We confirmed that the approval signature on the invoice is that of Tanisha Werner.

Q2 (CD): Please clarify between "abatement/remediation" and "demolition/removal" when it appears everything is being removed.

A: Abatement/remediation is required before demolition. Abatement/remediation is to address hazardous materials to ensure that they are not released into the environment during the demolition process. This is akin to removing asbestos grouting first prior to demolishing a 1970s kitchen counter to ensure that the kitchen counter materials that are removed do not include hazardous materials that could otherwise be transported to a non-hazardous disposal site and contaminate the environment.

MAA17-002 Coastwide Environmental \$104,500.00 – Invoice #10828-1

Q1 (BC): Could I have a map of the location where this work was done? Could you also provide a copy PO #2020-129?

A: Two maps are provided as Attachment 1. A screenshot of the purchase order is shown below (as FYI, all purchase orders are created electronically in the financial system).

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MAA21-002 Community Tree Service \$88,500.00 – Invoice #11942

Q1 (BT): The scope of work (SoW) calls for 60 basins. The invoice is for 100 tree basins. Since only 7 of 14 pages of the SoW were attached, perhaps there is an amendment that requests the extra 40 basins.

A: An amendment was signed in November 2019 increasing the total number and we are providing a copy of the signed amendment/SoW as Attachment 2.

Q2 (BT) A minor comment on the title of the G/L entry; the reference is to acorn basins, but the SoW calls for other non-oak types of trees: buckeye, madrone.

A: The invoice only makes reference to acorn basins. Per our Natural Resources team, there are 23 species of oak in Santa Clara County and acorns are also produced by other closely related species. The majority of the trees planted were *Quercus agrifolia*, but in addition, we planted *Notholithocarpus densiflorus*, *Quercus kelloggii*, *Chrysolepis chrysophylla*, *Aesculus californica*, and *Arbutus menziesii*.

MAA02-002 Keech Properties LLC \$75,000.00 – Invoice #2019-07-16

Q1 (TT): Is the purchase of wetlands credits properly charged to Measure AA?

A: The wetlands credits were requirements of the both the state and federal agencies involved in the permitting process to obtain regulatory approval for the project. As such, permitting costs

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associated with a capital project become part of the capital costs and are therefore eligible for use of MAA proceeds.

MAA02-002 HT Harvey \$52,757.43 – Invoice # 54310

Q1 (DG): Invoice says “Professional Services Performed Through Jan 31, 2020” but nowhere does it say what the starting date was – just wanted to make sure does not go back to the prior FY

A: Some contractors bill on a monthly cycle, which is the case with HT Harvey. Please refer to the screenshot below of their prior month’s invoice. With confirmation from the information below, the charges for invoice #54310 are only for work completed during the month of January 2020.

50 years of field notes, exploration, and excellence

Invoice

Invoice number 54049
Date 01/27/2020
Contract # & Amt: 2018-04 \$0
PO # & Balance: 2020-110 \$15
PO Complete Amt to Pay: \$35.00
G/L Acct: _____
Project #: MAA 2-2 Batch #: 3
Approved By: KT, AM, BT

Professional Services Performed Through December 31, 2019

Project: 4031-04 Ravenswood Bay Trail Environmental Consulting and Construction Biomonitoring

Q2 (DG): Approved by KT and AM – is one of these the Project Manager?

A: KT = Karine Tokatlian and AM = Amanda Mills, both Resource Management Specialist IIs and jointly responsible for the project (they are Co-Project Managers).

MAA18-002 City of Saratoga \$47,444.62 – Invoice #PWSS000005

Q1 (TT): How was the 75.7%-24.3% expense split determined? The Timothy C. Best invoice dated October 9, 2019 has a sub-contractor invoice for work performed from April 2 to June 30, 2019; should this have been charged to the prior year? (DG) Why a 50%-50% split on the construction phase?

A: Please refer to previous discussion above on the split of the expenses. The District records the reimbursements to the City based on the date (and fiscal year) of the invoice received. The District is not party to the contracts and invoicing between the City and its vendors. The split in percentage is based on the MAA reimbursement amount allocated for each phase (\$265K design and \$1.1M construction) and what the total cost was for each of they two phases (\$350K design and \$2.2M construction). $265/350 = 75.7\%$ Midpen reimbursement for design and $1.1/2.2 = 50\%$ Midpen reimbursement for construction.

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MAA21-004 John Northmore Roberts & Associates \$44,660.37 – Invoice #1880

Q1 (BC) Could I have a copy of PO #2020-190?

A: For the PO, please see the screenshot below (all POs are generated electronically in the financial system):

General		Miscellaneous		Totals	
Department	Contract Approval Flow Dept	Change Counter No.	2	Total Cost	\$330,000.00
Vendor	10794 - John Northmore Roberts & Associates	Type	2. Contract PO	Amount Voided	\$0.00
Status	Complete	Form Type	STANDARD PO	Amount Expensed	\$224,015.88
Contact Name	John Northmore Roberts & Associates	Bill To Location	MROSD	Amount Encumbered	\$0.00
Purchasing Address	2927 Newbury St Ste B	Assigned to Buyer		Amount Discounted	\$0.00
City	Berkeley	Resolution Number	R-17-42	Amount Remaining	\$0.00
State	CA				
Zip Code	94703				
Email Address	pin@johnnorthmore.com				
Description	Bear Creek Stables Improvements				
Message					

User-Defined Fields		✓	✓	+
Detail		✓	✓	+
Transactions		✓	✓	×

Journal Entry	
G/L Account	Project
+ 30-30-320-8201.01 - Architect/Landscape Architect	MAA21-004 - Bear Crk Redwoods: Pub Recreation Proj, Bear Creek Stables Site PL...
+ 30-35-325-8201.01 - Architect/Landscape Architect	MAA21-004 - Bear Crk Redwoods: Pub Recreation Proj, Bear Creek Stables Site PL...
+ Encumbrance Adjustment	

BOC Selections

MAA05-008 Payroll T. Werner \$714.72 – Payroll Report

Q1 (PB): There are two line items for July 3, 2019 assigned to MAA projects for \$119.12 but only one of them is included?

A: Project managers may work on multiple projects on a given day and the timekeeping/payroll system is configured to charge to individual projects. The other two hours for the same date were charged to another MAA project. This is shown on the copy of the electronic timecard.

ZFA Structural Engineers \$9,637.91 – Invoice #42751

Q1 (TT): Was this signed by Tanisha Werner? The approval box indicates that \$9,637.91 was approved for payment to MAA 05-009; the charge was to MAA 008.

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A: As shown in the screenshot from the financial management system, the invoice was charged to MAA05-009, corresponding to the coding and approval on the invoice.

+	12/03/2019	MAA05-009	2020-00001082	Journal Entry	Accounts Payable	A/P Invoice Entry	99,637.91
+	12/11/2019	MAA05-009	2020-00001082	Journal Entry	Accounts Payable	A/P Invoice Entry	\$9,637.91
+	01/31/2020	MAA05-009	2020-00001082	Journal Entry	Accounts Payable	A/P Invoice Entry	9,637.91

Q2 (DG) I was unable to make sense of the invoice and would like to have someone to walk me through it. I tried to focus on pages 12-14 of the pdf which seemed to be the high-level summary for the \$9,637.91. But no idea where the backup for that is. For example, Task #1 – Site Evaluation Assessment appears multiple times each with a different fee and different amount earned, previous fee billed and current fee billing.

A: Build-up of the amounts begins on page 12 of the PDF invoice:

ZFA Structural Engineers	PDF Page #	Invoice Amount	7.5% Markup	Total
ZFA	12	740.88	-	740.88
Page & Turnbull	17	2,281.50	171.11	2,452.61
Page & Turnbull	17	3,514.16	263.56	3,777.72
Terracon	18	272.00	20.38	292.38
Sigma Prime Geosciences	19	300.00	22.50	322.50
OCMI	20	1,908.51	143.31	2,051.82
				9,637.91

MAA 11-002 Garcia and Associates \$8,769.50– Invoice #26956

Q1 (DG): Approved by ‘LG’ – is this the Project Manager?

A: LG is Leigh Guggemos, Capital Project Manager III. We confirmed that Mr. Guggemos is the project manager for this project (please refer to invoice cover sheet).

MAA 21-006 US Central & Southern Province, Society of Jesus \$1,307.00– Invoice #2020-331

Q1 (DG): Please clarify as to how the historical photos helped in Alma College Cultural Landscape Rehabilitation?

A: As part of the CEQA (environmental review process required under the California Environmental Quality Act) and the associated Environmental Impact Report (EIR), we were required to submit historic documentation and images to the Santa Clara County Library prior to the demolition of certain structures that may have contributed to the historical significance of the cultural landscape.

MAA21-007 Ecological Concerns \$30,492.00 – Invoice #27295

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Q1 (TT): There is no back up to [??] invoice for 616 hours. Could we see a copy of P.O. 2020-18 or other detail backing up payment?

A: A screenshot of PO 2020-18 is below and further details on the work performed are shown in Attachment 3.

Purchase Order Inquiry - 2020-0000018 ✕

General ✕

General	Miscellaneous	Totals
Department Contract Approval Flow Dept	Change Counter No. 2	Total Cost \$207,164.00
Vendor 10546 - Ecological Concerns, Inc.	Type 2. Contract PO	Amount Voided \$0.00
Status Complete	Form Type STANDARD PO	Amount Expensed \$147,116.50
Contact Name Ecological Concerns, Inc.	Bill To Location MROSD	Amount Encumbered \$0.00
Purchasing Address 125 Walk Circle	Assigned to Buyer	Amount Discounted \$0.00
City Santa Cruz	Resolution Number	Amount Remaining \$0.00
State CA		
Zip Code 95060		
Email Address jfodor@ecologicalconcerns.com		
Description Invasive Species Management		
Message		
		Dates
		G/L Date 07/03/2019
		Deliver by Date
		Printed Date 07/09/2019
		Expiration Date
		Completed/Void Date 06/24/2020

User-Defined Fields ✔✔ +

Detail ✔✔ +

Transactions ✔✔ ✕

Journal Type ⊙

▽ Contains...

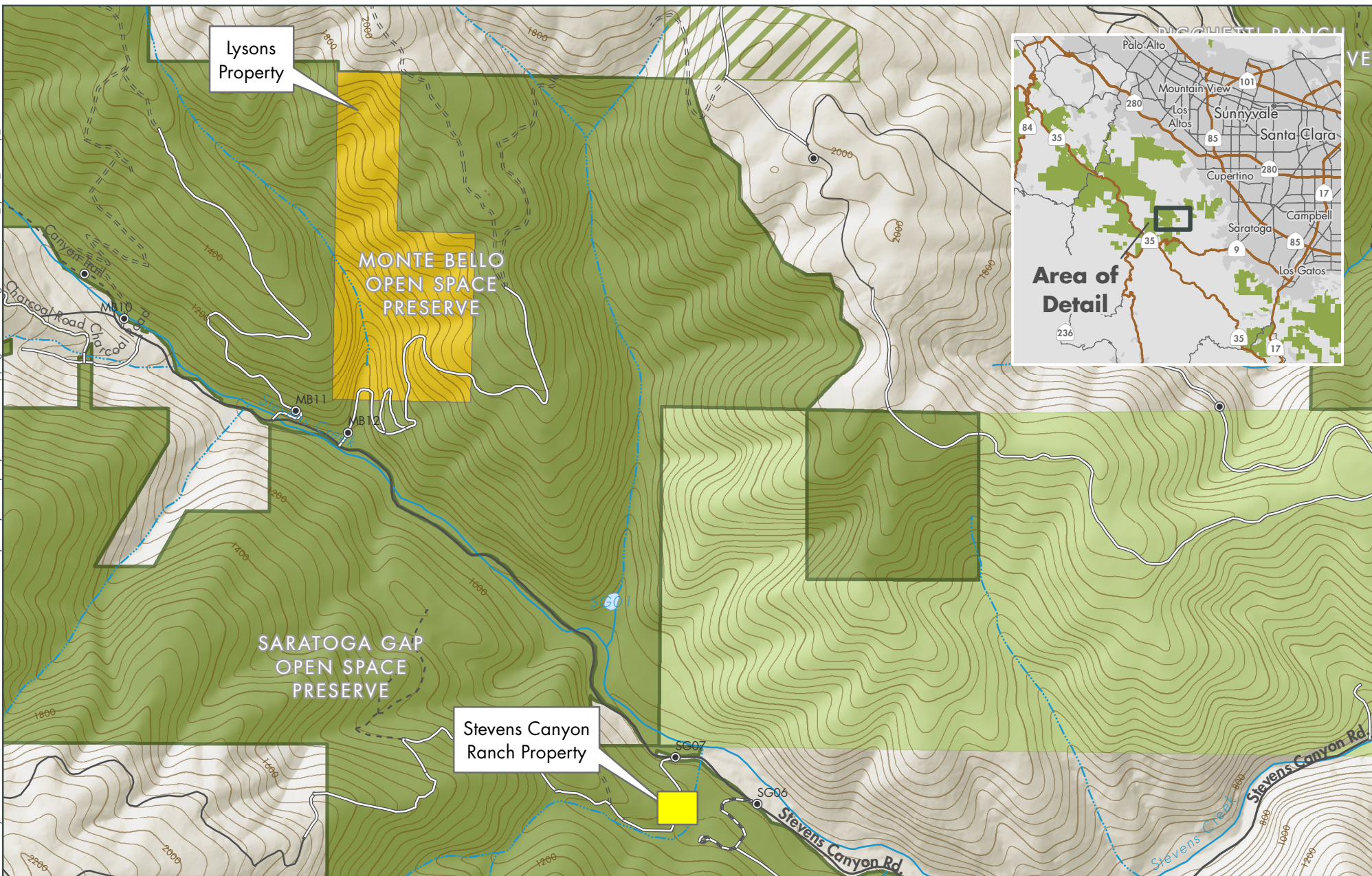
+ Journal Entry

Encumbrance Adjustment

G/L Account	Project
+ 10-80-820-7112.01 - IPM Program - Maintenance	80007-10-100280 - Integrated Pest Management, Not Preserve Specific, District f...
+ 30-80-820-8205.01 - Prime Contractor	MAA21-007 - Bear Crk Redwoods: Pub Recreation Proj, Bear Creek Redwoods Pre...

EXHIBIT 1 - PROJECT LOCATION MAP

Path: E:\3000 - Projects\Lyson Property Demo\50 - Mapping and Drawings\52 - GIS\MB_Lysons_BidMap_20190410.mxd
Created By: twerner



Lysons and Stevens Canyon Ranch Properties

- MROSD Preserves
- Lysons Property
- Other Protected Lands
- Stevens Canyon Ranch Property
- Private Property

Midpeninsula Regional
Open Space District
(MROSD)
April 2019



ATTACHMENT 1

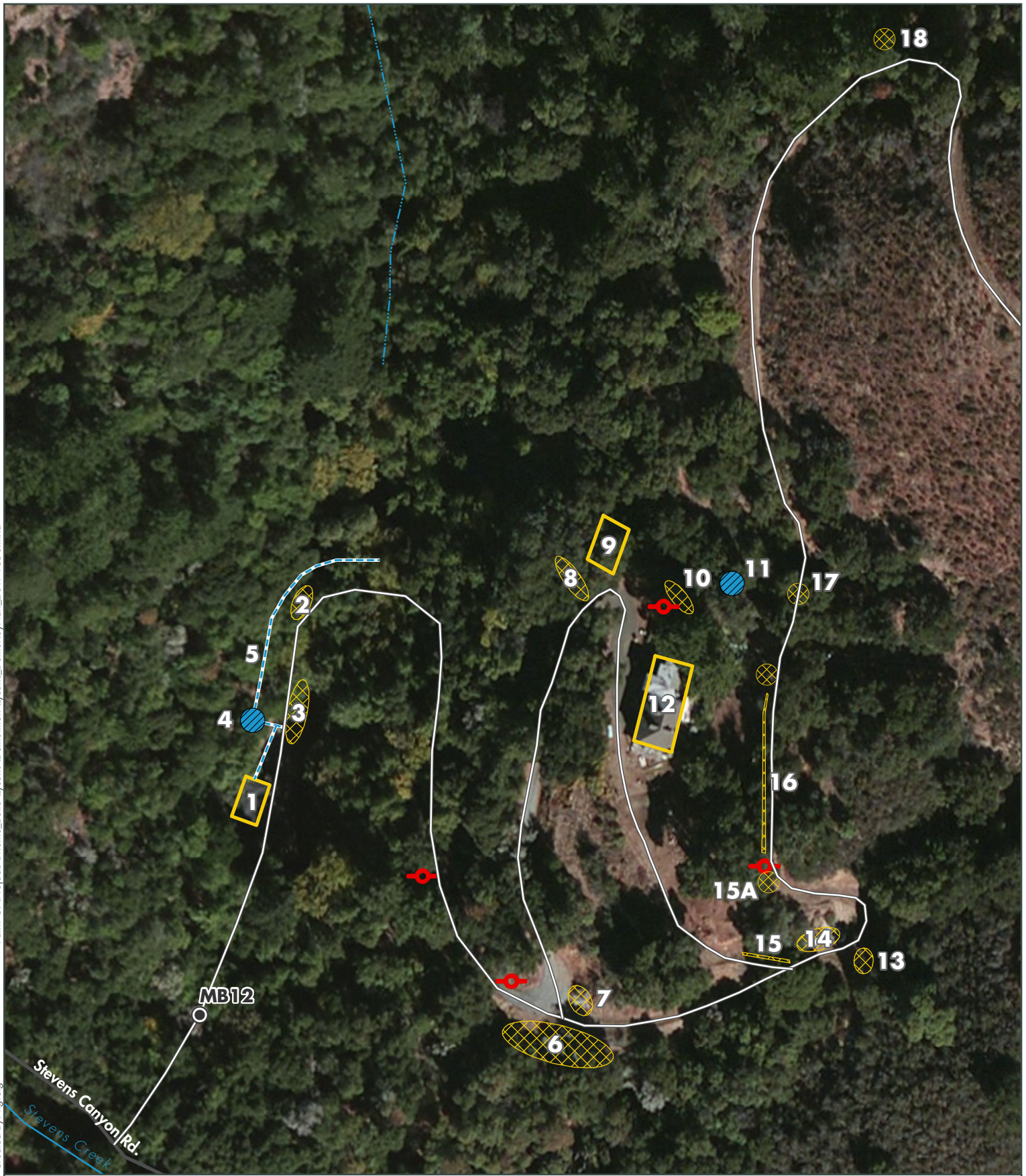


While the District strives to use the best available digital data, these data do not represent a legal survey and are merely a graphic illustration of geographic features.






EXHIBIT 2 - PROJECT WORK AREAS MAP

Path: G:\Projects\Monte_Bello\Lysons\Demolition\Lysons_DemoKeyPlan_20171030.mxd

Created By: ngreig



Lysons Demolition - Existing Structures and Debris to be Removed

- | | | | |
|---|---------------------|----------------------|------------------------|
|  Structure | 1. Lower House | 8. Dump Site | 15. Debris and Fencing |
|  Debris | 2. Debris (Wood) | 9. Garage/Shed | 15A. Debris (Various) |
|  Water Tank | 3. Debris (Various) | 10. Agave plants | 16. Debris and Fencing |
|  Water Line | 4. Water Tank | 11. Water Tank | 17. Electrical conduit |
|  Power Pole | 5. Water Line | 12. Upper House | 18. Cement Mixer |
| | 6. Dump Site | 13. Debris (Wood) | |
| | 7. Debris (Wood) | 14. Debris (Various) | |

Midpeninsula Regional
Open Space District
(MROSD)
October 2017



While the District strives to use the best available digital data, these data do not represent a legal survey and are merely a graphic illustration of geographic features.




EXHIBIT 2 - PROJECT WORK AREAS MAP

Path: E:\300 - Projects\lyson Property Demo\50 - Mapping and Drawings\52 - GIS\Stevens Canyon Ranch_DemoKeyPlan_20190411.mxd

Created By: hwerner



Stevens Canyon Ranch - Existing Structures to be Removed

-  Structure to be Removed
 -  Water Tank to Remain
 -  Water Line to Remain
19. Propane Tank and Meter
20. Restroom Structure

Midpeninsula Regional
Open Space District
(MROSD)
April 2019



While the District strives to use the best available digital data, these data do not represent a legal survey and are merely a graphic illustration of geographic features.

CHANGE ORDER

Change Order No. 1

Project Bear Creek Redwoods: Tree Mitigation Installation

Purchase

Order No. PO#2020-207


Contractor Community Tree Service, Inc. **Date of Issue** October 31, 2019

Contractor is directed to, and hereby agrees to, proceed promptly with the specific changes to the Work attached hereto and incorporated herein, in conformity with the Contract Documents:

The ADDITIONAL CHARGE for the above work is	\$ 6,300	
The original Contract Sum was	\$ 91,000.00	
Net change by previous Change Orders	\$ 0.00	
The Contract Sum prior to this Change Order was	\$ 91,000.00	
The Contract Sum will be increased by	\$ 6,300	
The new Contract Sum including this Change Order will be	\$ 97,300	
The Contract Time will be unchanged	0	cal.days
The Completion Date as of the date of this Change Order is	12/31/2019	


 Contractor

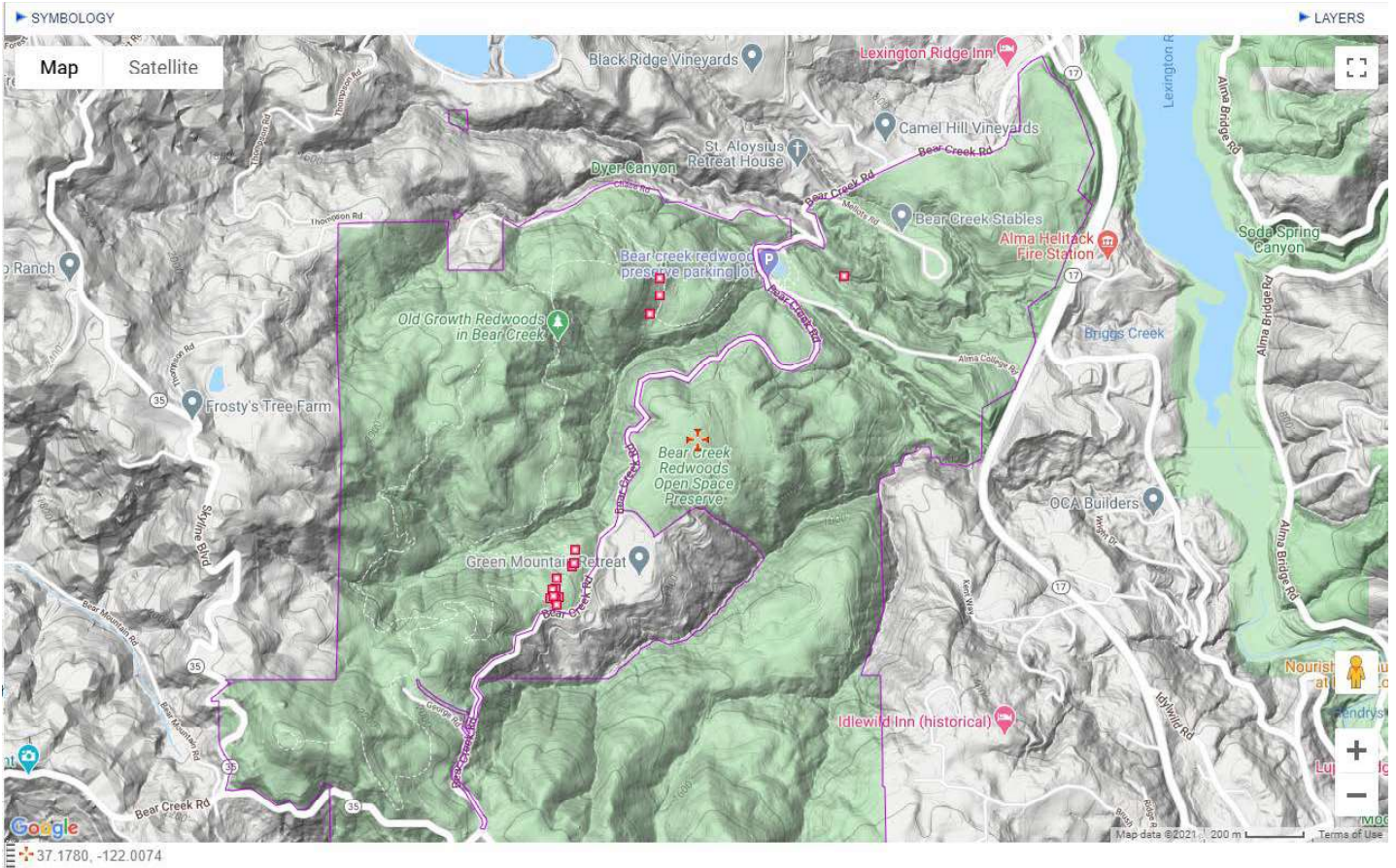
Date: 11/1/2019


 District Representative

Date: 11/12/19

Change Order Scope of Work

- (1) Additional Mitigation Basin Preparations
 - (a) Contractor shall coordinate with the District's Project Manager on mitigation basin planting locations.
 - (i) Forty-two (42) additional tree mitigation basins will be installed within the Primary Site for a total of one hundred and two (102) for the entire project.
 - (b) Contractor shall improve the drainage of the area in which the additional forty-two (42) tree mitigation basins are to be installed by first thoroughly loosening the top 10 inches of soils surround the basin locations with a minimum of a four (4) foot diameter.
 - (i) No clumps of compacted soil larger than 12 inches in diameter shall remain.
 - (ii) Fifty percent of the soil shall be in clumps 6 inches or smaller.
 - (c) The following soil amendments shall then be thoroughly blended with the top 6 inches of soil to form a homogenous layer:
 - (i) Sulfur-Coated Urea (43-0-0), 0.8 ounces per mitigation basin
 - (ii) Steamed Bone Meal (3-15-0), 0.8 ounces per mitigation basin
 - (iii) Calcium Carbonate Lime, 5.0 ounces per mitigation basin
 - (d) Once the soil amendments have been thoroughly blended, the tree mitigation basins shall be compacted at least 100 PSI, but no greater than 200 PSI compaction. District staff will measure the compaction at each mitigation basin with an Agratronix Soil Compaction Tester Model 08180, or comparable implement.
 - (e) Deadline to Complete Task: October 31, 2019, but prior to below tasks
- (2) Mitigation Basin Installation
 - (a) Contractor shall install forty-two (42) additional mitigation basins for a total of one hundred and two (102) for the entire project.
 - (i) The District will supply the seeds.
 - (ii) The District will be harvesting seeds late summer/early fall and expects to have the seed ready for planting by October 31, 2019 or sooner.
 - (b) Seeds to be planted may one or all of the following species
 - (i) California black oak
 - (ii) California buckeye
 - (iii) Coast live oak
 - (iv) Pacific Madrone
 - (v) Tan Oak
 - (c) Contractor shall request seed no earlier than 48 hours prior to installation of the mitigation basin.
 - (d) Prior to planting, the contractor shall remove all debris within a 3-foot diameter of the planting basin and hollow out a planting hole fist deep and wide in loose soil.
 - (e) Contractor shall place 3 seeds of the same species on their side in the hole, cover with soil to grade and firmly pat down.
 - (f) Contractor shall install Tubex Shrubshelters, Plus Range (2.5' height) centered on the planted seeds. Contractor shall insure that each installed Tubex Shrubshelter is in good condition and securely attached to wooden stakes with the bottom edge covered by soil (see *Attachment E: Tubex Shrubshelters Installation*).
 - (g) Contractor shall install a mulch layer of chipped cultivar tree 3 to 5-inches deep in an area of 3-foot diameter around each tree shelter.
 - (h) Contractor shall provide and water each basin with one (1) gallon of water.
 - (i) Each tree shelter shall have a 7/8" x 3" double-face aluminum tag attached with a basin code embossed directly on the tag.
 - (i) The basin code will be the "BCR-" followed by the basin number.



ID	Observer	Taxon	Common Name	Notes	Location Description	Habitat	Number of Plants	Distribution	Phenology	Percent Cover	Gross Area (acres)	Infested Area (acres)	Date / Time	Latitude	Longitude
mg100928	Ecological Concessions Inc	Genista monspessulana	French broom	Mature patch of 10 sounded by seedlings	Below the Rd from the turn down around 200ft	Forest Evergreen	800	Scattered Plants	Mature	10%	2321 Square Meters	0.058 Acres	14:4 4.0	37.183 196	122.00 162
mg100927	Ecological Concessions Inc	Genista monspessulana	French broom	Near turn	Up from turn one mature patch scattered veg patches	Woodland	900	Scattered Dense Patches	Mature	25%	2321 Square Meters	0.146 Acres	22:3 9.0	37.181 975	122.00 932
mg100926	Ecological Concessions Inc	Genista monspessulana	French broom		Scattered thick in sunny spots	Woodland	1000	Scattered Plants	Vegetative	20%	2321 Square Meters	0.117 Acres	17:1 8.0	37.182 54	122.00 894
mg100925	Ecological Concessions Inc	Genista monspessulana	French broom		Below large clearing above Rd. Poelwer pole	Woodland	800	Scattered Dense Patches	Vegetative	25%	255.5 Square Meters	0.016 Acres	10:2 1.0	37.183 114	122.00 891
mg100924	Ecological Concessions Inc	Genista monspessulana	French broom		Left side of Rd among cyote bush	Shrubland	900	Scattered Dense Patches	Mature	30%	255.5 Square Meters	0.019 Acres	23:1 1.0	37.174 034	122.01 24
mg100923	Ecological Concessions Inc	Genista monspessulana	French broom	Mature seed to n drainage leading to Rd above weeb creek	Left side of Rd got ng uphill from fork	Woodland	2000	Dense Monoculture	Mature	45%	716.4 Square Meters	322.3 Square Meters	03:3 2.0	37.174 118	122.01 23

ATTACHMENT 3

ID	Observer	Taxon	Common Name	Notes	Location Description	Habitat	Number of Plants	Distribution	Phenology	Percent Cover	Gross Area (acres) Meters	Infested Area (acres) Meters	Date / Time	Latitude	Longitude
mg100922	Ecological Concessions Inc	Genista monspessulana	French broom	.vector area.	In between fork and bear crk rd	Woodland	1000	Dense Monoculture	Mature	70%	458.5 Square Meters	320.95 Square Meters	18:01.0	37.174549	122.01228
mg99028	Ecological Concessions Inc	Genista monspessulana	French broom		Strip on right side of rd	Woodland	600	Scattered Plants	Vegetative	20%	111.3 Square Meters	0.006 Acres	12:53.0	37.173039	122.0129
mg99027	Ecological Concessions Inc	Genista monspessulana	French broom		Under oaks left side Rd going up	Woodland	700	Scattered Plants	Vegetative	35%	1833.9 Square Meters	0.162 Acres	10:33.0	37.173322	122.01303
mg99026	Ecological Concessions Inc	Genista monspessulana	French broom		Under pin into oaks	Woodland	900	Dense Monoculture	Mature	45%	580.3 Square Meters	0.066 Acres	03:06.0	37.172997	122.01326
mg99025	Ecological Concessions Inc	Genista monspessulana	French broom	Strip near Rd 100 ft long	Rd sides	Woodland	1500	Dense Monoculture	Vegetative	15%	716.4 Square Meters	0.027 Acres	44:16.0	37.172962	122.01303
io18671	Ecological Concessions Inc	Genista monspessulana	French broom	ECI	Side of Madrone Knoll trail	Forest Evergreen	1000	Dense Monoculture	Vegetative	80%	1031.6 Square Meters	0.208 Acres	19:06.0	37.172803	122.01298
io18672	Ecological Concessions Inc	Genista monspessulana	French broom	ECI	Side of Madrone Knoll trail	Forest Evergreen	800	Dense Monoculture	Vegetative	80%	458.5 Square Meters	0.092 Acres	48:41.0	37.173652	122.01302
io18636	Ecological Concessions Inc	Genista monspessulana	French broom	ECI	Side of Alma trail	Forest Evergreen	1000	Scattered Dense Patches	Vegetative	45%	0.26 Acres	0.117 Acres	44:15.0	37.173285	122.01316
io18637	Ecological Concessions Inc	Genista monspessulana	French broom	ECI	Side of Madrone Knoll trail	Forest Evergreen	500	Dense Monoculture	Vegetative	60%	458.5 Square Meters	0.069 Acres	43:30.0	37.173073	122.01314