

PUBLIC WORKS DEPARTMENT  
INITIAL STUDY OF  
ENVIRONMENTAL SIGNIFICANCE

PROJECT NUMBER: 7571-6D8178

CP# 16-46

PROJECT NAME: Garin Ranch Basin and Heron Park Basin Improvements

PREPARED BY: Avé Brown

DATE: November 21, 2016

APPROVED BY: [Signature]

DATE: 12-6-16

**RECOMMENDATIONS:**

☒ Categorical Exemption: 15301 [b]

☐ Negative Declaration

☐ Environmental Impact Report Required

☐ Conditional Negative Declaration

The project will not have a significant effect on the environment. The recommendation is based on the following: The project consists of minor alterations to an existing facility involving no expansion of use, pursuant to section 15301 (b) of the CEQA guidelines. The project will not result in the removal of any scenic resource.

What changes to the project would mitigate the identified impacts: N/A

USGS Quad Sheet: Brentwood	Base Map Sheet #: L26, M26	Parcel #: 013-270-072, 013-200-010, 013-190-018, 013-350-048
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**GENERAL CONSIDERATIONS:**

- Location:** The project is located in the City of Brentwood. Garin Ranch Basin is located west of Sellers Avenue and south of Chestnut Street. Heron Park Basin is located east of Garin Parkway and south of Sycamore Avenue. [Figures 1-2].
- Project Description:** The purpose of the project is to improve the drainage of Garin Ranch and Heron Park Basins to reduce or eliminate ponding and mosquito breeding habitat. Garin Ranch Basin consists of a north and south basin connected by an existing double concrete box culvert under Redhaven Street. The basins are considered "off-line basins" since they do not collect creek flows; only piped storm drainage from residential neighborhoods. The basins contain low-lying grassy vegetation that is regularly maintained.

The proposed improvements generally consist of excavating a low-flow area along the bottom of each basin beginning at the existing basin pipe inlets that flow into the basins, traveling through the basins, and ending at the existing concrete outfall structures that exit the basins.

In each of the basin areas, the low-flow area will be graded to drain the basin through the existing concrete outfall structure. It will be lined with filter fabric leaving excess filter fabric on each side. One or more four to six inch diameter fabric-wrapped perforated PVC pipes will be placed on the bottom over a layer of drain rock. The low-flow area will then be backfilled with permeable drain rock over the wrapped perforated pipe and the excess filter fabric will be wrapped over the top. Additional drain rock will be placed on top so that no filter fabric is exposed.

The low-flow areas will be trapezoidal in shape with 1:1 side slopes and be between six and 14 feet wide and one to two feet deep. The length of the low-flow area at Garin Ranch Basin will be approximately 2,445 feet and Heron Park Basin 890 feet.

Cleanouts will be installed approximately 250 feet apart along the perforated pipe and low-flow areas. The existing riprap protection located at the pipe outfalls will be filled in with permeable drain rock. All work will be contained within the existing basins.

**Contra  
Costa  
County**

The project is a covered activity under the East Contra Costa County Habitat Conservation/Natural Community Conservation Plan (HCP/NCCP) as "Activities in the Urban Development Area". The project will follow applicable HCP/NCCP Avoidance and Minimization Measures to minimize impacts to covered species and water quality. In addition, HCP/NCCP fees will be paid to the Conservancy as appropriate prior to the start of construction. A nesting bird survey will be conducted prior to work if the project is constructed during nesting bird season (February 1 to August 31).

Real Property transactions, including temporary right-of-way may be necessary to support construction of this project. General Plan Conformance may be necessary from the City of Brentwood.

**3. Does it appear that any feature of the project will generate significant public concern?**

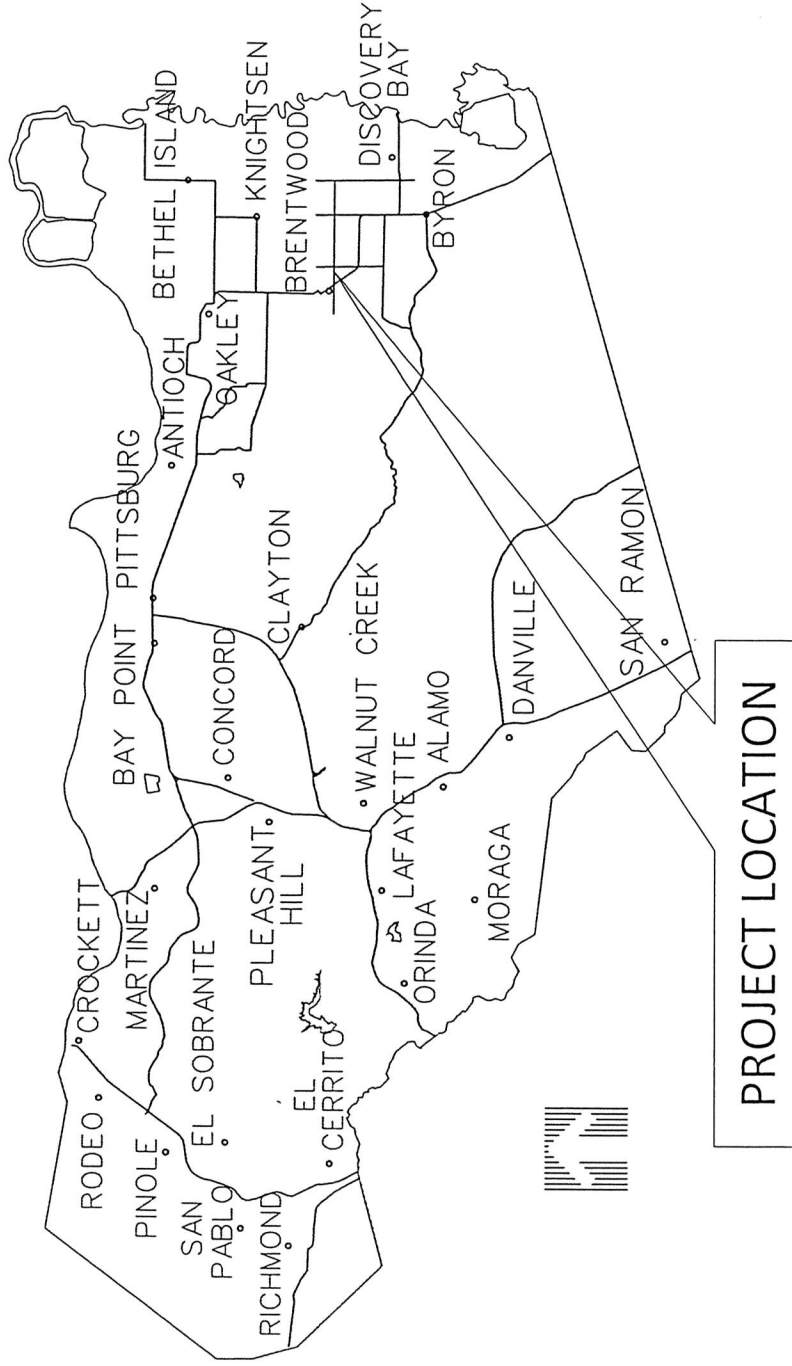
☐ Yes ☒ No ☐ maybe (Nature of concern):

**4. Will the project require approval or permits by other than a County agency?**

☐ Yes ☒ No

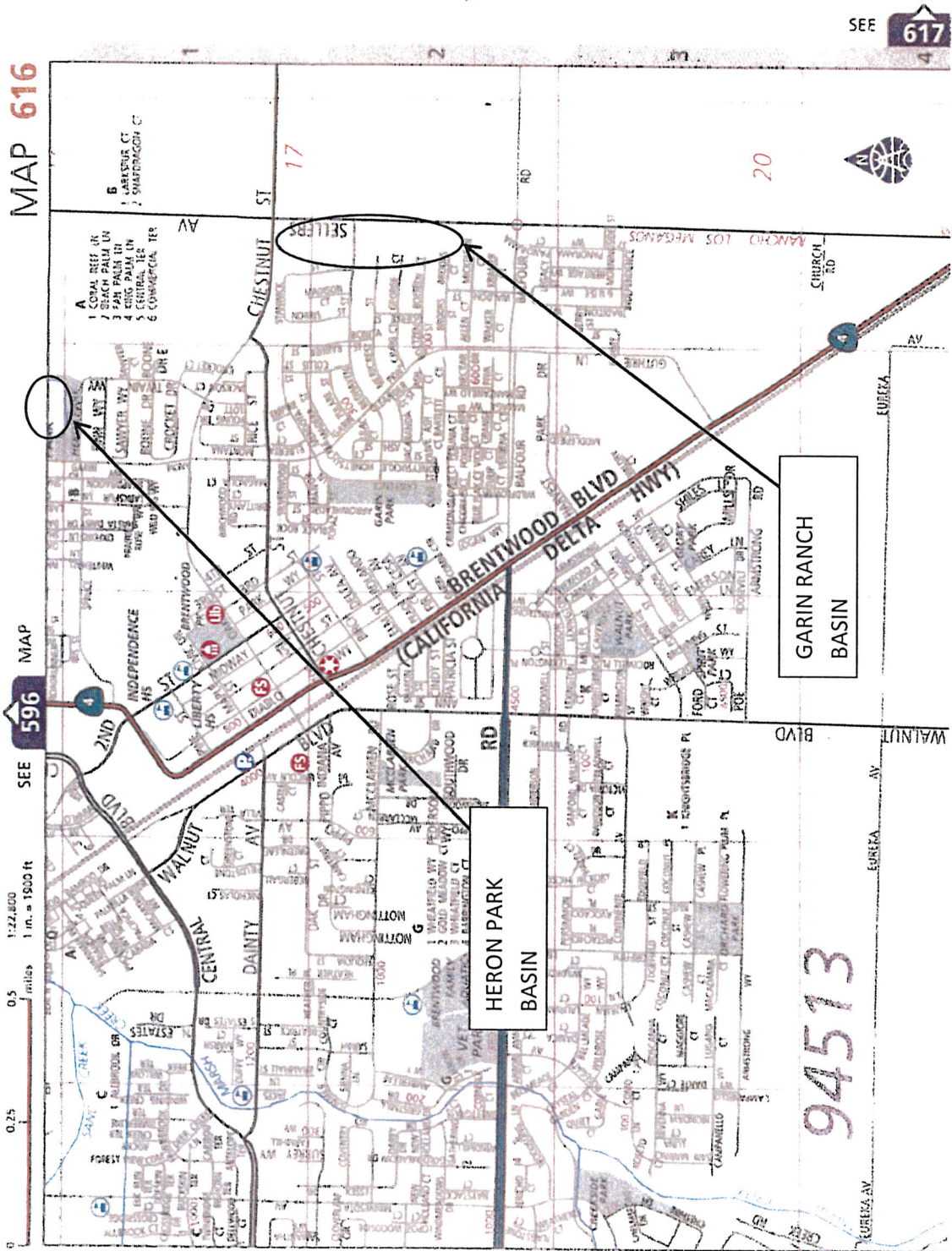
**5. Is the project within the Sphere of Influence of any city? Brentwood**

# CONTRA COSTA COUNTY CALIFORNIA



Garin Ranch Basin and Heron Park Basin  
Improvements  
FIGURE 1





VICINITY MAP

Garin Ranch Basin and Heron Park Basin  
Improvements  
FIGURE 2

CALIFORNIA ENVIRONMENTAL QUALITY ACT
Notice of Exemption

To: [ ] Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044
[ ] County Clerk
County of: Contra Costa
From: Contra Costa County
Dept. of Conservation & Development
30 Muir Road
Martinez, CA 94553

Project Title: Garin Ranch Basin and Heron Park Basin Improvements
Project No. 7571-6D8178, CP# 16-46

Project Applicant: Contra Costa County Public Works Department

Project Location: Garin Ranch Basin is located west of Sellers Avenue and south of Chestnut Street. Heron Park Basin is located east of Garin Parkway and south of Sycamore Avenue.

Project Location: The City of Brentwood
Project Location – County: Contra Costa

Description of Nature, Purpose and Beneficiaries of Project: The purpose of the project is to improve the drainage of Garin Ranch and Heron Park Basins to reduce or eliminate ponding and mosquito breeding habitat. The basins are offline basins since they do not collect creek flows only residential drainage. A low-flow area will be excavated along the bottom of each basin. Filter fabric, drain rock, and perforated pipe will be installed in the low-flow area to drain the basins out of existing outfalls. Cleanouts will be installed at 250-foot intervals. The existing riprap protection located at the pipe outfalls will be filled in with permeable drain rock. All work will be contained within the existing basins. The project is a covered activity under the East Contra Costa County Habitat Conservation/Natural Community Conservation Plan (HCP/NCCP) as "Activities in the Urban Development Area". The project will follow the applicable HCP/NCCP Avoidance and Minimization Measures to minimize impacts to covered species and water quality. In addition, HCP/NCCP fees will be paid to the Conservancy as appropriate prior to the start of construction. A nesting bird survey will be conducted prior to work if the project is constructed during nesting bird season (February 1 to August 31). Real property transactions, including right-of-way acquisition may be necessary in support of this project. General Plan Conformance may be necessary from the City of Brentwood.

Name of Public Agency Approving Project: Contra Costa County
Name of Person or Agency Carrying Out Project: Contra Costa County Public Works Department

Exempt Status:
[ ] Ministerial Project (Sec. 21080(b) (1); 15268;
[ ] Declared Emergency (Sec. 21080(b)(3); 15269(a));
[ ] Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
[X] Categorical Exemption: Class15301[b]
[ ] Other Statutory Exemption, Code No.:
[ ] General Rule of Applicability [Article 5, Section 15061 (b)(3)]

Reasons why project is exempt: The project consists of minor alterations to an existing facility involving no expansion of use, pursuant to section 15301[b] of the CEQA guidelines.

Lead Agency Contact Person: Avé Brown - Public Works Dept. Area Code/Telephone/Extension: (925) 313-2311

If filed by applicant:
1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? [X] Yes [ ] No

Signature: Date: Title:
[ ] Signed by Lead Agency [ ] Signed by Applicant

AFFIDAVIT OF FILING AND POSTING
I declare that on I received and posted this notice as required by California Public Resources Code Section 21152(c). Said notice will remain posted for 30 days from the filing date.
Signature Title

Applicant: Department of Fish and Game Fees Due
Public Works Department
255 Glacier Drive
Martinez, CA 94553
Attn:
Environmental Services Division
Phone: (925) 313-xxxx
[ ] EIR - \$3,070.00
[ ] Neg. Dec. - \$2,210.25
[ ] DeMinimis Findings - \$0
[X] County Clerk - \$50
[X] Conservation & Development - \$25
Total Due: \$ 75.00
Total Paid \$
Receipt #: