

Planning and Development
Land Use Planning Division

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT (EIR) FOR THE CITY OF BERKELEY DRAFT SOUTHSIDE PLAN

To: All Interested Citizens
Subject: Draft Southside Plan Draft Environmental Impact Report

Lead Agency:
City of Berkeley, Planning Department
2118 Milvia Street
Berkeley, CA 94704
Janet Homrighausen, Project Manager
JHomrighausen@ci.berkeley.ca.us
510-981-7484

Consultant:
LSA Associates, Inc.
2215 Fifth St.
Berkeley, CA 94710
Judith Malamut, Project Manager
510-540-7331

Notice is hereby given that the City of Berkeley will be the Lead Agency and will prepare an Environmental Impact Report (EIR) for the Draft Southside Plan. An Initial Study for the Draft Southside Plan has been prepared and is available at the City of Berkeley Planning Department, 2118 Milvia Street, Berkeley, California. The City of Berkeley staff invites you to comment on the proposed scope of the Draft EIR. Comments should be forwarded to the Lead Agency (Janet Homrighausen, City of Berkeley at the address shown above) by Dec. 6, 2004

Project Title:

Draft Southside Plan, Discussion Draft of December 2001, As Amended by the Planning Commission, July 2003

Project Location:

Southside Neighborhood, City of Berkeley, Alameda County, California

Project Description:

The Draft Southside Plan is intended to guide development in the Southside area until the year 2020. It identifies the City's key land use, housing, transportation, economic development, community character, and public safety policies for managing change, and outlines design guidelines and zoning changes for the Southside neighborhood. The Plan serves as a long-range statement of policies for the development and preservation of the area, and is a statement of community priorities and values to be used to guide public decision-making in future years.

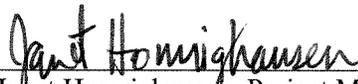
Scope of EIR:

The Draft Environmental Impact Report (EIR) will examine the potential environmental impacts of Plan adoption and implementation. The Draft EIR will include the following sections: Land Use and Public Policy; Population, Employment and Housing; Transportation, Circulation and Parking; Air Quality; Noise; Public Services/Recreation; Utilities and Infrastructure; Cultural Resources; Alternatives to the Project; and CEQA Required Assessment Conclusions.

Comment Deadline and Scoping Session:

Comments on the proposed scope of the EIR may be sent by mail, email or fax to the Lead Agency (see address above), or comments may be submitted at a scoping session to be held on November 15, 2004 at the North Berkeley Senior Center, 1901 Hearst Ave., from 7:00 p.m. to 9:00 p.m.

Date of Distribution: Nov. 5, 2004


Janet Homrighausen, Project Manager

**BERKELEY DRAFT SOUTHSIDE PLAN
INITIAL STUDY**

LSA

November 2004

**BERKELEY DRAFT SOUTHSIDE PLAN
INITIAL STUDY**

Submitted to the:

City of Berkeley
2118 Milvia Street
Berkeley, CA 94704

Prepared by:

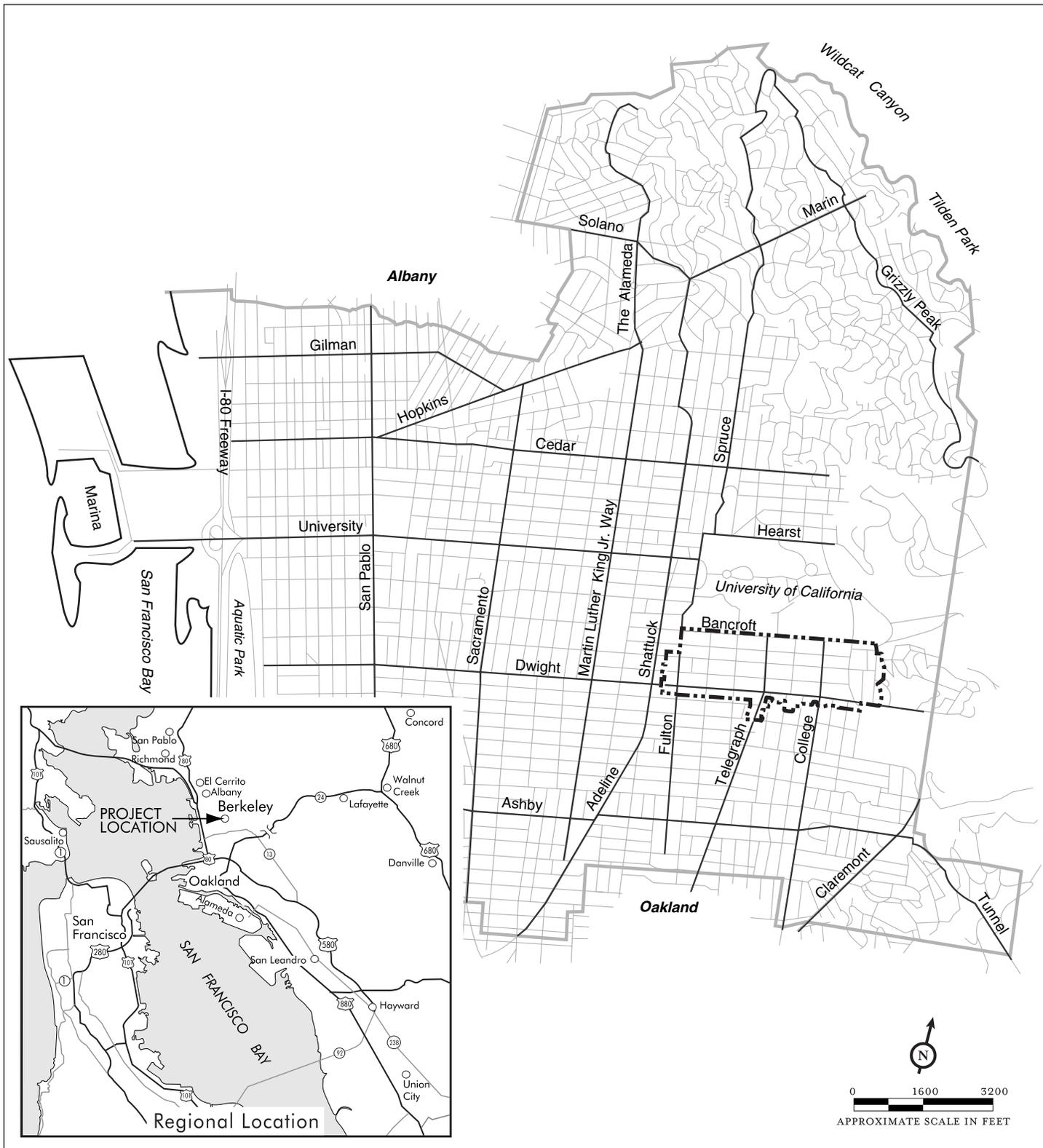
LSA Associates, Inc.
2215 Fifth Street
Berkeley, CA 94710
(510) 540-7331

LSA

November 2004

The following is an Initial Study checklist for the Berkeley Draft Southside Plan. This checklist will be used to identify areas that will be further discussed and evaluated in the Berkeley Draft Southside Plan Environmental Impact Report.

1. **Project Title:** *Draft Southside Plan, Discussion Draft of December 2001, As Amended by the Planning Commission, July 2003 (Draft Southside Plan or Draft Plan)*
2. **Lead Agency Name and Address:**
City of Berkeley
2118 Milvia Street
Berkeley, CA 94704
3. **Contact Person and Phone Number:**
Janet Homrighausen, 510-981-7484
4. **Project Location:**
The project area is the Southside neighborhood in the City of Berkeley. This area is generally bound by Dwight Way to the south, Bancroft Way on the north, Prospect Street on the east, and Fulton Street on the west, including the properties fronting those streets. The study area also includes properties along Telegraph Avenue between Dwight Way and Parker Street.
5. **Project Sponsor's Name and Address:**
City of Berkeley
2118 Milvia Street
Berkeley, CA 94704
6. **General Plan Designation:**
Avenue Commercial; High Density Residential; Open Space
7. **Zoning:**
R-4, Residential Multi-Family; H, Hillside Overlay; C-T, Telegraph Avenue Commercial; C-1, General Commercial
8. **Description of Project:**
The project is the proposed adoption of the Draft Southside Plan. Once adopted, the Southside Plan would serve as an implementation measure for the General Plan. Figures I and II show the regional location and the project location.
9. **Surrounding Land Uses and Setting: Briefly describe the project's surroundings:**
The Draft Plan area is located in an urban area of the City of Berkeley. Surrounding uses include the University of California at Berkeley to the north, residential uses to the east and west, and residential and commercial uses to the west.
10. **Other agencies whose approval is required:**
The approval of other agencies is not required.



LSA

FIGURE I

 PROJECT BOUNDARY

Berkeley Southside Plan EIR
Regional Location and
Project Boundary



LSA

FIGURE II



 PROJECT BOUNDARY



Berkeley Southside Plan EIR
Southside Plan Area

SOURCE: CITY OF BERKELEY, 2004.

I:/CBE430 Southside/IS figures/Fig_II.ai (11/03/04)

11. Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|--|--|--|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agricultural Resources | <input checked="" type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input checked="" type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology/Soils |
| <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology/Water Quality | <input checked="" type="checkbox"/> Land Use/Planning |
| <input type="checkbox"/> Mineral Resources | <input checked="" type="checkbox"/> Noise | <input checked="" type="checkbox"/> Population/Housing |
| <input checked="" type="checkbox"/> Public Services | <input checked="" type="checkbox"/> Recreation | <input checked="" type="checkbox"/> Transportation/Traffic |
| <input checked="" type="checkbox"/> Utilities/Service System | <input checked="" type="checkbox"/> Mandatory Findings of Significance | |

Determination. (To be completed by the Lead Agency.)

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Janet Homrighausen
Signature

Janet Homrighausen
Printed Name

Nov. 3, 2004
Date

For

Environmental Checklist

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS. Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) *Have a substantial adverse effect on a scenic vista? (Less-than-Significant Impact)*

The Southside neighborhood is located on a gentle slope at the base of the Berkeley Hills. This topography allows for multiple scenic vistas from the Draft Plan area west to the San Francisco Bay and east to the Berkeley Hills. Additionally, the location of the University immediately adjacent to the Draft Plan area provides several nearby focal points of interest.

The Draft Southside Plan identifies two view corridors; one view north towards the campus from Telegraph Avenue and another view corridor, in both the east and west direction, along Bancroft Way. Additionally, there are seven focal points located throughout the Southside area. These focal points serve as gateways and sign posts for the neighborhood and campus and large numbers of pedestrians and drivers see them each day.

Implementation of Policy UD-31 found in the Berkeley General Plan¹ would protect scenic vistas within the project area by discouraging construction from blocking views, and requiring new development to enhance vistas. Additionally, the Southside area is largely developed, and implementation of the Draft Southside Plan would result in development similar to that which exists there. The implementation of the Draft Southside Plan would result in a less-than-significant impact to scenic vistas.

b) *Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway? (No Impact)*

There are two designated State Scenic Highways within Alameda County; Interstate 580 (I-580) and 680 (I-680). Neither of these highways is located near the Southside neighborhood. Additionally, part of Interstate 80 (I-80) is eligible for designation as a State Scenic Highway. However, the

¹ City of Berkeley. 2002. *Berkeley General Plan: A Guide for Public Decision-Making*.

eligible portion of I-80 is not within the City of Berkeley or visible from the Southside area. As such, implementation of the Draft Plan would have no impact on scenic resources within a State Scenic Highway corridor.

c) Substantially degrade the existing visual character or quality of the site and its surroundings?
(Less-than-Significant Impact)

The implementation of the Draft Southside Plan could bring increased development into the Draft Plan area. The following policies of the Draft Plan outline measures to ensure that proposed development does not degrade the existing visual character of the Southside neighborhood: Policies CC-A1; CC-A2; CC-A3; CC-D1; and CC-F5. These policies address adoption and application of the Southside Design Guidelines, compatibility of new development, and the enhancement of the physical setting.

Additionally, the Design Guidelines of the Draft Southside Plan provide standards for new development. Implementation of these standards would help to ensure that new development does not degrade the character of the Draft Plan area and is compatible with existing development. Implementation of the Draft Southside Plan (including the specific policies cited above) would have a less-than-significant impact on the visual character of the area.

d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? **(Less-than-Significant Impact)**

Implementation of the Draft Southside Plan could increase the amount of nighttime lighting within the project area. Policies PS-A6 and PS-A7 of the Draft Plan call for an increase in lighting to improve public safety within the Southside neighborhood.

The addition of more lighting within the area would have a less-than-significant impact on day or nighttime views of the area. The Southside neighborhood is a densely developed urban environment, with existing lighting throughout the area. Additionally, the Design Guidelines chapter of the Draft Plan provides lighting standards for all subareas to help ensure that lighting associated with new development is consistent with the character of the subarea.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURAL RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to a non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a) *Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to a non-agricultural use? (No Impact)*

The Southside neighborhood is entirely urbanized and, with the exception of small informal garden plots that have been tended in People’s Park, has not included any agricultural uses for many decades. It includes no properties identified as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. Implementation of the Draft Southside Plan would not convert farmland to a non-agricultural use.

b) *Conflict with existing zoning for agricultural use, or a Williamson Act contract? (No Impact)*

The Southside neighborhood and surrounding area is already urbanized and not zoned for agricultural use. This area is not included in a Williamson Act contract. No agricultural impact would result.

c) *Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use? (No Impact)*

Implementation of the Draft Plan would not result in the conversion of farmland to non-agricultural uses.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) *Conflict with or obstruct implementation of the applicable air quality plan?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

b) *Violate any air quality standard or contribute substantially to an existing or projected air quality violation?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

c) *Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

d) *Expose sensitive receptors to substantial pollutant concentrations?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

e) *Create objectionable odors affecting a substantial number of people?* (**Less-than-Significant Impact**)

Implementation of the Draft Southside Plan would not create objectionable odors affecting a substantial number of people. The Southside neighborhood is an urban area with a number of different land uses including restaurants and other commercial uses that generate odors. Implementation of the Draft Plan would not introduce dramatically different land uses than are already in the Southside neighborhood. Implementation of the Draft Plan would likely result in a less-than-significant impact with regards to the creation of objectionable odors.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional, or State habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a) <i>Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? (Less-than-Significant Impact)</i>				

The Southside neighborhood is a highly urbanized area. Wildlife there has adapted to urbanized conditions, and include opossum, skunk, raccoon, deer, snakes, and salamanders. While special-status wildlife and vegetation has been identified in the Berkeley hills to the east and north of the Draft Plan area, no special-status species have been identified within the Southside neighborhood. Additionally, development proposed by the Draft Southside Plan would not be dramatically different from the existing development already within the Southside neighborhood, and would not include development of open space or wildlife habitat. Implementation of the Draft Southside Plan would have a less-than-significant impact on special status species and their habitat.

b) *Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? (Less-than-Significant Impact)*

A small portion (approximately 100 feet) of aboveground Derby Creek is located within the Draft Plan area east of Prospect Avenue. However, the majority of this Creek has been filled in and replaced with a storm drain network.² No riparian habitat or sensitive natural community is identified within the Southside neighborhood, and implementation of the Draft Plan does not include changes to aboveground Derby Creek or the downstream culverted storm drain network.

Policy EM-27 of the Berkeley General Plan addresses improving and daylighting creeks where possible. However, given that the majority of the Derby Creek within the Draft Plan area is culverted, the impact from implementation of the Draft Southside Plan on riparian or sensitive habitat within the Southside neighborhood would be less-than-significant.

c) *Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) Through direct removal, filling, hydrological interruption, or other means? (No Impact)*

Except for approximately 100 feet of Derby Creek that is above ground and may be considered jurisdictional wetlands, no federally protected wetlands occur within the Draft Plan area. Changes to

² Creek and Watershed Map of Oakland and Berkeley. <http://www.museumca.org/creeks/15-RescPotterDerby.html>.

boveground Derby Creek or the downstream culverted storm drain network are not included in the Draft Southside Plan.

- d) *Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? (Less-than-Significant Impact)*

No changes to Derby Creek are proposed as part of the Draft Southside Plan. Implementation of the Draft Plan would not significantly impact the movement of any native resident, migratory fish, wildlife species or established native resident or migratory wildlife corridors.

- e) *Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? (Less-than-Significant Impact)*

Implementation of the Draft Southside Plan would not conflict with local policies or ordinances protecting biological resources. Many large and mature trees exist within the Southside area; some were planted as street trees, and others are found in the yards of homes and other buildings. Implementation of General Plan Policy EM-29, that requires the City to maintain, enhance and preserve street and park trees to improve the environment and provide habitat, would reduce any potential impact to locally significant trees and biological resources to a less-than-significant level.

- f) *Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional, or State habitat conservation plan? (No Impact)*

No Habitat Conservation Plan, Natural Community Conservation Plan, or other approved habitat conservation plan is applicable to the project area.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- a) *Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5? (Potentially Significant Impact)*

The Draft Southside Plan includes policies related to historical resources. Policy CC-D1 calls for preserving and maintaining architecturally- and historically-important buildings whenever feasible, and Policy CC-D2 outlines the possibility of relocating historic resources if they are threatened with demolition. The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- b) *Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- c) *Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- d) *Disturb any human remains, including those interred outside of formal cemeteries? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
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VI. GEOLOGY AND SOILS. Would the project:

- a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| ii) Strong seismic ground shaking? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| iii) Seismic-related ground failure, including liquefaction? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of top-soil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a) <i>Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42; ii) Strong seismic ground shaking; iii) Seismic-related ground failure, including liquefaction; iv) Landslides? (Less-than-Significant Impact)</i>				

Fault Rupture. As discussed in the Berkeley General Plan, Berkeley is situated in a seismically active area that includes the Hayward, Rogers Creek, Calaveras, San Andreas, and numerous other faults. The Hayward Fault runs through the City of Berkeley on the eastern side of the Southside neighborhood and through the University campus. An Alquist-Priolo zone surrounding the Hayward Fault trace runs through the eastern edge of the Draft Southside Plan area. The Alquist-Priolo Special Studies Zone Act of 1972 requires geologic investigation for proposed residential development within a zone to ensure that development is not sited on or across the traces of an active fault. The City of Berkeley has adopted a stricter set of regulations beyond the minimum State requirement. A licensed geologist's report is required in addition to a soils report for housing proposed within 50 feet of a fault trace. Additional reporting is required where proposed construction exceeds two stories.³

Berkeley General Plan policy S-14 lists several actions that must be undertaken as part of new development or redevelopment in a hazard zone. These actions include utilizing environmental review for hazard avoidance, requiring investigations/geotechnical reports in hazard zones, and placing structural design conditions on new development.

³ City of Berkeley. 2003. *Draft Southside Plan, Discussion Draft of December 2001, As Amended by the Planning Commission.* July.

Ground Shaking. The City of Berkeley is located in a region that has high seismic activity. A major seismic event on one of the many faults within the region could cause significant ground shaking at the site. The design of all new development within the Southside area would be consistent with current Uniform Building Code and City design requirements and guidelines for buildings constructed in areas of high seismic risk, as required by General Plan Policies S-14 and S-15.

Soft-story buildings and unreinforced masonry buildings (URMs) are located throughout the Southside neighborhood. Earthquakes can impact the structural integrity of these types of buildings. Draft Southside Plan Policies PS-B4 and PS-B5 require that the owners of these types of buildings eliminate life and safety hazards in buildings subject to the City ordinance and to post notices identifying the potential risk associated with these buildings. Additionally, Berkeley General Plan Policy S-20 identifies mitigation for potentially hazardous buildings.

Liquefaction. Liquefaction has also been identified as a potential risk within the City of Berkeley, but this risk is mainly confined to West Berkeley in low-lying areas adjacent to the San Francisco Bay. A very small area in the northwest corner of the Southside neighborhood may be susceptible to liquefaction. Policies S-14 and S-15 would help to ensure that new development within an area susceptible to liquefaction would be identified as such, and that appropriate structural design constraints would be in place. The potential risk from liquefaction would likely be less-than-significant.

Landslides. The Berkeley General Plan does not identify the Draft Plan area as an area susceptible to earthquake-induced landslides. The Southside neighborhood is located in a gently sloping area that is not underlain by landslide deposits, and the potential for impacts from earthquake-induced landslides is considered less-than-significant.

b) *Result in substantial soil erosion or the loss of topsoil? (Less-than-Significant Impact)*

The Southside neighborhood area is largely developed. The use of standard erosion control measures during demolition and construction of new development within the Southside neighborhood would minimize the rate of erosion from exposed surfaces and would reduce potential impacts to a less-than-significant level.

c) *Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? (Less-than-Significant Impact)*

The Southside neighborhood is located on a gentle slope and is not identified by the Berkeley General Plan as an area susceptible to earthquake-induced landslides or liquefaction. Lateral spreading is the spreading of soil towards an open face such as a stream bank or open sides of fill embankments. Neither stream banks (other than the short reach of Derby Creek east of Prospect Avenue) nor fill embankment areas are located within the Draft Southside Plan area.

d) *Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property? (Less-than-Significant Impact)*

Expansive soils may be found within the project area. However, Policy S-14 of the Berkeley General Plan would help to reduce the potential risk associated with expansive soil. This policy includes the following actions:

- When appropriate utilize the environmental review process to ensure avoidance of hazards and/or adequate mitigation of hazard-induced risk.
- Require soil investigation and/or geotechnical reports in conjunction with development/redevelopment on sites within designated hazard zones such as areas with high potential for soil erosion, landslides, fault rupture, liquefaction and other soil-related constraints.
- Place structural design conditions on new development to ensure that recommendations of the geotechnical/soils investigations are implemented.
- Encourage owners to evaluate their buildings' vulnerability to earthquake hazards, fire, landslides, and floods and to take appropriate action to minimize the risk.
- Develop criteria for disaster-resistant land use regulations to ensure that new construction reduces rather than increase risk of all kinds.

Compliance with this policy would ensure that risks to life or property from expansive soils would be less than significant.

e) *Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water? (No Impact)*

The Draft Plan area is served by a sanitary sewer system, and the use of septic tanks would not be allowed nor are they proposed for the Southside neighborhood.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. HAZARDS AND HAZARDOUS MATERIALS.				
Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project located within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) *Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? (Less-than-Significant Impact)*

No new facilities that would have large amounts of hazardous materials would likely be developed due to implementation of the Draft Southside Plan. The Draft Southside Plan generally proposes an increase in residential and commercial uses within the Southside neighborhood.

Implementation of the Draft Plan would likely involve the increased use and disposal of chemical agents, solvents, paints, and other hazardous material that are associated with construction and demolition activities. The amount of these chemicals present during construction would be limited, would need to comply with existing government regulations, and would not be considered a significant hazard. During construction of the proposed project, no significant impact is expected to result from the routine use and disposal of these materials.

b) *Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? (Less-than-Significant Impact)*

Small quantities of commercially-available hazardous materials (e.g., paint, maintenance supplies) would be routinely used within the Southside neighborhood for maintenance and cleaning. However, it is unlikely that these materials would be used in sufficient strength or quantity to create a

substantial risk of explosion or fire, or otherwise pose a substantial risk to human or environmental health.

- c) *Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? (Less-than-Significant Impact)*

There are existing schools located within a quarter mile of the Southside neighborhood. However, no new facilities that would have large amounts of hazardous materials would likely be developed due to implementation of the Draft Southside Plan. Additionally, the use of hazardous materials, substances, or waste during construction or operations of new development would need to comply with all applicable regulations and would therefore not pose a significant impact.

- d) *Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? (Less-than-Significant Impact)*

There is a potential that hazardous materials sites are located within the Draft Plan area. Several Berkeley General Plan policies address the use and disposal of hazardous materials within the City. Policy S-13 discusses the availability of maps listing hazards, and policy S-14 requires the appropriate environmental review process to ensure avoidance or mitigation of such hazards at the time that site-specific development proposals are considered. Implementation of the Draft Plan would not increase the risks of such hazards nor preclude their avoidance at the time of site-specific development review.

- e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? (No Impact)*

There are no public airports located within two miles of the Draft Plan area.

- f) *For a project located within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area? (No Impact)*

The Draft Plan area is not located within the vicinity of a private airstrip.

- g) *Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? (Less-than-Significant Impact)*

The existing emergency access and evacuation routes within the Southside neighborhood, as identified by Berkeley General Plan Figure 14 (Hazardous Hill Area, Fire Station Locations and Evacuation Routes), are College Avenue, Bancroft Way, Durant Avenue, Channing Way, Haste Street, Dwight Way, and Telegraph Avenue. These streets could be used to move people and equipment across Berkeley in the event of disaster.

Policy T-28 of the Berkeley General Plan identifies actions for emergency access. These include not installing diverters or speed humps on identified streets. While the traffic direction of some of these

streets may change with implementation of the Draft Southside Plan, these streets could still serve as evacuation routes and could be used in the event of an emergency. The Berkeley Fire and Police Departments would review any potential changes to emergency access routes.

- h) *Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?* **(Less-than-Significant Impact)**

The Southside neighborhood located east of College is identified in the Berkeley General Plan as a Hill Fire Hazard Area. This area is immediately adjacent to regional parkland.

Implementation of policies S-21, S-22, S-23, S-24, and S-25, as outlined in the Berkeley General Plan, would reduce the exposure of people or structures to a less-than-significant level by incorporating fire prevention design standards into new development, minimizing private property vulnerability to fire hazard, and ensuring adequate fire fighting infrastructure. Development under the Southside Plan would not be focused on the eastern edge of the Plan area, and, therefore, the potential for impacts related to wildland fires is less than significant.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding of as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a) <i>Violate any water quality standards or waste discharge requirements? (Less-than-Significant Impact)</i>				

Implementation of the Draft Plan could result in construction within the Southside neighborhood. If any potential project within the Draft Plan area is greater than 1 acre, a Non-Point Discharge Elimination System (NPDES) Stormwater Construction Permit would be required by the San Francisco Regional Water Quality Control Board.⁴ Additionally, construction of any proposed project could potentially generate contaminants that could pollute stormwater runoff or be discharged directly into the Bay. Landscape maintenance activities of the completed project could also result in potential surface water contamination if pesticides, herbicides, or chemical fertilizers are used on the site and come into contact with surface water runoff.

As part of preparation of any project development plans within the Draft Plan area, an erosion and sedimentation control/drainage plan would be prepared to ensure that increased surface runoff is captured in the existing storm drain system. Requirements pertaining to the preparation of an erosion and sedimentation control/drainage plan and water and pollution control would be implemented and monitored by the construction contractor to ensure that contaminants from the project site are not discharged into Bay waters, and to ensure that a significant impact would not result. Construction prac-

⁴ California Regional Water Quality Control Board, San Francisco Bay Region. *Water Quality Control Plan*. June 21, 1995. Regulations (Phase II Rule) that became final on December 8, 1999 expand the existing NPDES program to address storm water discharges from construction sites that disturb land equal to or greater than one (1) acre and less than five (5) acres (small construction activity).

tices would also include best management practices (BMPs) recommended by the San Francisco Bay Regional Water Quality Control Board (RWQCB) to address stormwater runoff.

- b) *Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)? (Less-than-Significant Impact)*

Nearly all of the Southside neighborhood is currently developed and covered by pavement or structures, the runoff from which is collected and transported by a storm drain system. Implementation of the Draft Southside Plan would not be likely to substantially increase impervious surfaces within the Draft Plan area.

The Southside neighborhood currently receives water from East Bay Municipal Utility District (EBMUD), and does not rely on wells for water service. Implementation of the Draft Southside Plan would not substantially deplete groundwater supplies or interfere with groundwater recharge.

- c) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site? (Less-than-Significant Impact)*

The Draft Southside Plan would not significantly alter the topography of the area or substantially increase the amount of impervious surfaces. Implementation of the Draft Southside Plan does not include the alteration of the course of any stream or river.

- d) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site? (Less-than-Significant Impact)*

Please see VIII.c, above.

- e) *Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff? (Less-than-Significant Impact)*

The Draft Southside Plan area is a developed urban area. The majority of development resulting from implementation of the Draft Southside Plan would be redevelopment of existing parcels, and would not lead to a significant increase in stormwater.

- f) *Otherwise substantially degrade water quality? (Less-than-Significant Impact)*

Demolition and construction within the Southside neighborhood could temporarily expose soils and lead to erosion. However, standard erosion control measures implemented during construction would reduce potential impacts to less-than-significant levels.

- g) *Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? (No Impact)*

The Southside neighborhood is not located within a 100-year flood hazard area.

- h) *Place within a 100-year flood hazard area structures which would impede or redirect flood flows? (No Impact)*

The Southside neighborhood is not located within a 100-year flood hazard area. Implementation of the Draft Plan would not impede or redirect flood flows.

- i) *Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding of as a result of the failure of a levee or dam? (Less-than-Significant Impact)*

The Southside neighborhood is not within the reservoir inundation hazard area. Potential exposure of people or structures to hazards associated with the failure of a levee or dam is considered less-than-significant.

- j) *Inundation by seiche, tsunami, or mudflow? (No Impact)*

Located at an elevation of between 180 and 340 feet above mean sea level, the potential impact from inundation by seiche, tsunami, or mudflow would be very remote and would not be increased as a result of Plan implementation.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	■

- a) *Physically divide an established community? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- b) *Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- c) *Conflict with any applicable habitat conservation plan or natural community conservation plan? (No Impact)*

The Draft Plan area is a highly developed urban area. There is no applicable habitat conservation plan or natural community conservation plan for this area of Berkeley.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
X. MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- a) *Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State? (No Impact)*

The Southside neighborhood is a highly developed urban area, and there are no known mineral resources within the Draft Plan area that would be affected.

- b) *Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? (No Impact)*

Neither the Berkeley General Plan nor the Draft Southside Plan identifies the area as a locally-important mineral resource recovery site.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. NOISE. Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	■	□	□	□
b) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?	■	□	□	□
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	■	□	□	□
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	■	□	□	□
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	□	□	□	■
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	□	□	□	■

a) *Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

b) *Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

c) *A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- d) *A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? (No Impact)*

The Southside neighborhood is not located within two miles of any public airport.

- f) *For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels? (No Impact)*

The Southside neighborhood is not located within 2 miles of any private airstrip.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. POPULATION AND HOUSING. Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- a) *Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- b) *Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- c) *Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. PUBLIC SERVICES.				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Police protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schools?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parks?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other public facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- a) *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: Fire protection, police protection, schools, parks, other public facilities?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. RECREATION.				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

a) *Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

b) *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. TRANSPORTATION/TRAFFIC. Would the project:				
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency or designated roads or highways?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate emergency access?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Result in inadequate parking capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Conflict with adopted polices, plans, or programs supporting alternative transportation (e.g., bus turn-outs, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) *Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

b) *Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency or designated roads or highways? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

c) *Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks? (No Impact)*

Implementation of the Draft Southside Plan would not result in any changes to air traffic patterns.

d) *Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

e) *Result in inadequate emergency access?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

f) *Result in inadequate parking capacity?* **(Potentially Significant Impact)**

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

g) *Conflict with adopted polices, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?* **(Less than Significant Impact)**

One of the major goals of the Draft Southside Plan is to “Increase the quality, amenity and use of all non-automotive modes (public transit, bicycles, and pedestrian), and reduce the number of trips made in single-occupant automobiles. Implementation of the following policies in the Draft Southside Plan would support alternative transportation: policies T-A1; T-A2; T-A3; T-A4; T-A5; T-B1; T-B2; T-B3; T-B4; T-C1; T-C2; T-C3; T-C4; T-C5; T-C6; T-C8; T-D3; T-F2; T-F3; T-F4; T-F6; T-G1; T-G2; and T-G6. With the implementation of these policies the potential impacts related to conflicts with adopted policies and plans supporting alternative transportation would be less than significant.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Comply with federal, State, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) *Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- b) *Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- c) *Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- d) *Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- e) *Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? (Potentially Significant Impact)*

The potential impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

- f) *Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs? (Less than Significant Impact)*

Approximately 99 percent of the refuse delivered to the Berkeley waste transfer station is taken to the Vasco Road Landfill, which is located approximately 40 miles from Berkeley, north of Interstate 580 at the east end of the Livermore Valley. Approximately 60 percent of Alameda County’s waste stream is disposed of at this facility. The landfill is currently estimated to have capacity to accept solid waste until the year 2024 if contributing municipalities grow at an annual growth rate of approximately three percent.⁵ Additionally, the Vasco Landfill retains ownership of 102 additional acres of land that has been set aside to facilitate future expansion of the landfill, if required. The landfill is permitted as a Class III facility, with some capacity for Class II wastes, allowing the disposal of a greater variety of waste materials. The types of development and redevelopment that would be supported through implementation of the Draft Southside Plan (i.e., housing, office, and retail) would be similar to the development that currently exists there and would not cause the City of Berkeley to grow at an annual rate greater than 3 percent. The landfill has sufficient permitted capacity to accommodate the projected waste disposal needs associated with buildout of the Southside Plan.

g) *Comply with federal, State, and local statutes and regulations related to solid waste? (Less than Significant Impact)*

The City of Berkeley has a particular interest in and commitment to reducing the amount of materials entering the solid waste stream and complying with all federal, State and local statutes to that end. The City’s Source Reduction and Recycling Element and Household Hazardous Waste Element require compliance with statutes and regulations related to solid waste in the Southside area, and implementation of these elements and General Plan policies EM-7 and EM-8 would reduce any potential impact to a less-than-significant level.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
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XVII. MANDATORY FINDINGS OF SIGNIFICANCE.

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|---|-------------------------------------|--------------------------|--------------------------|--------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|

⁵ Horton, Eric. 2003. Vasco Landfill General Manager . Personal communication with LSA Associates Inc., April.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) <i>Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? (Potentially Significant Impact)</i>				

The implementation of the Draft Plan is not expected to have any impact on fish or wildlife species. Wildlife species within the Southside neighborhood have adapted to a disturbed urban environment, and implementation of the Draft Plan would be unlikely to impact fish or wildlife populations.

The potential cultural resources impact, as well as potential for mitigation of the impact, will be discussed and evaluated in the Draft Southside Plan EIR.

b) *Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.) (Potentially Significant Impact)*

The potential cumulative impacts, as well as potential for mitigation of the impacts, will be discussed and evaluated in the Draft Southside Plan EIR.

c) *Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? (Potentially Significant Impact)*

The potential impacts, as well as potential for mitigation of the impacts, will be discussed and evaluated in the Draft Southside Plan EIR.

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- City of Berkeley. 2003. *Draft Southside Plan, Discussion Draft of December 2001, As Amended by the Planning Commission, July 2003*.
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