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Cultivating the Commons An Assessment of the Potential for Urban Agriculture on Oakland's Public Land

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by

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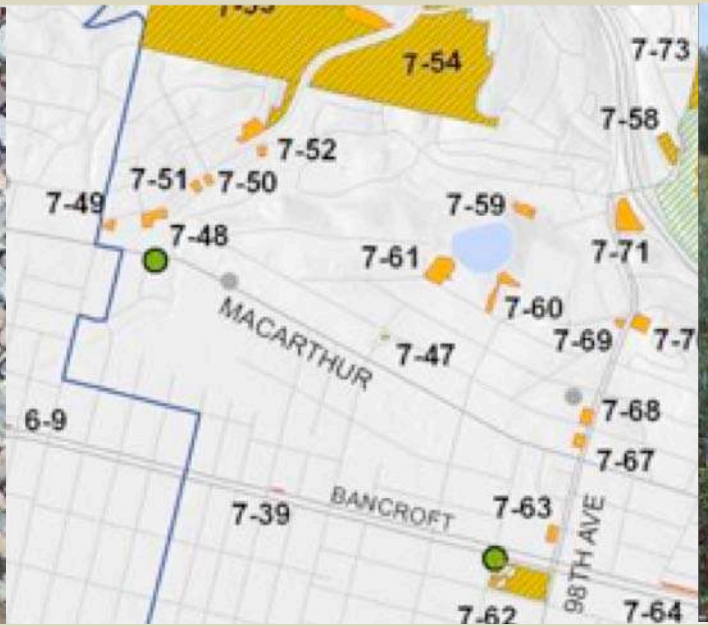

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In collaboration with:

City Slicker Farms
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About the Authors

Nathan McClintock is a PhD candidate in geography at UC Berkeley. He also serves on the Oakland Food Policy Council and was a member of the HOPE Collaborative's Food System Action Team. He holds a MS degree in crop science/sustainable agriculture from North Carolina State University and has worked extensively in sustainable agriculture research, extension, and education in the US and internationally.

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Contents

Executive Summary

This is an inventory of open space with potential for agricultural production on land both owned by public agencies and within the city limits of Oakland, California. The inventory was conducted between the summer of 2008 and spring of 2009 and is part of an ongoing movement to develop a more resilient, sustainable, and just food system in Oakland. This project aims to locate Oakland's "commons"—land that is owned by public agencies and therefore a public resource—and assess the potential for urban agriculture (UA) on this land. We hope that this assessment can be used 1) to inform policy decisions that concern Oakland's food, health, and environmental quality, and 2) by non-profit organizations and city officials as a tool with which to identify potential sites for UA programs.

While Oakland was once a center for fruit production and food processing, today most of the food consumed here comes from thousands of miles away. Much of this food is produced in ways that degrade the environment and threaten the health and living conditions of farmworkers. Much of the food produced, while cheap and readily available, undermines the health of urban consumers. Many of Oakland's residents live in so-called "food deserts" where access to fresh, healthy, culturally appropriate, and affordable food is limited. A lack of purchasing power and limited access to transportation exacerbate this situation. Such obstacles to healthy food are particularly widespread in Oakland's "flatlands".

Strengthening local, sustainable food production can help to address these challenges by promoting education about the food system, reducing the "food miles" between production and consumption, enhancing green space, creating "green job" opportunities, and making fresh, nutritious food available in the flatlands.

Using aerial photos, GIS, and site visits, we identified approximately 1,200 acres of undeveloped open space at 495 sites (consisting of 756 individual publicly-owned tax parcels). About a third of this land is located on slopes less than 10 percent, a third between 10 and 30 percent, and a third greater than 30 percent; overall, at least 828 acres could be cultivated. The majority of these parcels are located within ¼ mile of public transportation. A third of the parcels are within a quarter mile of a school, and 7.5 percent have an EBMUD meter. In addition to the parcels in this inventory, we identified 2,706 acres of publicly-owned land with the potential for agroforestry.

Based on a conservative estimate, the parcels identified in this land inventory could produce *up to 5 percent of the City's vegetable needs or 6 percent of its fruit needs*. However, the potential impact of the expansion of UA programs in Oakland extends beyond the production of solely food. UA can provide environmental services, job opportunities, green space, and educational opportunities: these programs can also improve public health, raise property values, and make communities safer.

Given the multifunctional nature of UA programs and our conclusions from this inventory, we recommend the following:

- Rank, classify, and prioritize potential sites for further assessment, which will include land-use history, site visits, soil sampling, and community feedback
- Create an online interactive land locator to assist the public in identifying and accessing available arable land
- Assess the contribution fruit trees, and potential for rooftop gardens, greenhouses, urban livestock production, and agroforestry. Explore leasing options for private land.
- Expand the City of Oakland's Community Gardening Program to encompass UA more broadly in order to help streamline and facilitate the land acquisition process.
- Formally adopt the recommendations of the Oakland Food Policy Council in regards to UA.

I. Introduction

Food Justice in the Flatlands

Despite California's position as the most productive agricultural economy in the nation, a large number of Californians do not have access to fresh fruits and vegetables. While nearly four percent of Californians are food insecure overall, a much higher percentage are unable to obtain fresh and nutritious produce.[1] Many low-income urban residents in California reside in "food deserts," areas having "limited access to affordable and nutritious food" particularly in areas "composed of predominantly lower income neighborhoods and communities."[2] Here in Alameda County, the situation is worse than in the rest of the state, with almost one-third of the population food insecure.[3] Many Oakland residents live in food deserts, constrained not only by a lack of access to healthy, culturally-appropriate, affordable food choices, but also by other factors such as purchasing power and access to transportation.

Oakland's food deserts emerged on once economically fertile ground. Oakland was once touted as an "industrial garden" because its productive factories were located near homes with modest-sized yards and gardens that provided food, flowers, a place to relax, and the dream of home ownership for factory workers. Neighborhoods of small garden homes spread out across the Oakland flatlands. During the latter half of the 20th century, as industry and warehousing declined and tax revenues dropped (particularly after the passage of Prop 13 in 1978), the once-flowering industrial garden began to dry up.[4] Oakland has

Junk food delivery and corner store on 98th Avenue, East Oakland

remained a city divided in many respects. Its physical geography of hills and flatlands has become an indicator of affluence, health, and access to fresh and nutritious food. The flatlands are home to high rates of poverty and poor health. Many of the supermarkets that had earlier displaced the small mom-and-pop grocery stores began to shut their doors. Access to healthy food in the flatlands remains a major problem. Many of the flatlands neighborhoods have since turned into food deserts, with food available only at liquor and corner stores, few of which sell fresh fruits and vegetables.[5]

Farming the Food Deserts: Urban Agriculture Takes Root

Ironically, these food deserts are within a half-hour drive of vast

[1] USDA Census of Agriculture (2007)
[2] USDA (2009) "Access to Affordable and Nutritious Food"
[3] Unger & Wooten (2006) "Oakland Food Systems Assessment"
[4] See McClintock (2011) "From Industrial Garden to Food Desert" for more on this history.
[5] See HOPE Collaborative (2009) "A Place with No Sidewalks" for preliminary findings on food access in six flatlands neighborhoods, as well as Alameda County Public Health (2008) 'Life and Death from Unnatural Causes".

stretches of productive agricultural land. Twenty million tons of food are produced annually within 100 miles of Oakland. In 2006, eight Bay Area counties produced 14 percent of this total, grossing more than $1.4 billion. In 2008 agriculture in Alameda County alone grossed $42 million.[6] While most production occurs outside the city limits on farms on the urban periphery, a modest amount of food is actually produced within the municipal boundaries of Bay Area cities. Vegetable production in the City of San Francisco, for example, brought in more than $1 million in revenue to a handful of market gardeners in 2007.

Local governments and non-profit organizations are increasingly committed to expanding local, sustainable food production, both in order to reduce the urban "ecological footprint" and to create new linkages between local farmers and urban consumers. In 2006 the Oakland City Council embraced a goal of sourcing 30 percent of its food locally. The Oakland Food Policy Council was recently created to help the city move towards the goal of creating a thriving and resilient local food system, with increased sustainable production, food distribution networks, and improved food waste recovery. The HOPE (Health for Oakland's People & Environment) Collaborative, an urban sustainability initiative sponsored by the Kellogg Foundation, has also been central to these efforts. Bringing together city and county agencies, non-profit groups, and community members, HOPE is developing an action plan for the flatlands to improve access to healthy food and fitness opportunities, make neighborhoods safer, and create opportunities for community economic development in the flatlands.

Urban agriculture (UA)—food produced within the city itself—is one of many strategies to help improve the food and fitness environments of the flatlands. Providing food, jobs, environmental services, and educational opportunities, among other functions, UA plays an important role in local food system (see Box 1). Here in Oakland, several UA projects run by local non-profits, community-based organizations, and local government are providing food for Oakland residents and educating them about nutrition, the environment, and food justice (see Box 2). Many gardens have been established on vacant land in the food deserts of the flatlands, where land has often been left vacant in the wake of deindustrialization (see Map 1).

Some of these gardens sell directly to local residents via farm stands and farmers' markets while others serve school cafeterias and food banks. Many also train community members to grow fruits and vegetables in their backyards. In West Oakland, for example, City Slicker Farms has constructed more than 100 backyard gardens that have produced more than ten tons of

A City Slicker Farms Backyard Garden program participant

[6] Thompson, Harper & Kraus (2008) "San Francisco Foodshed Assessment"; Alameda County Department of Agriculture/Weights and Measures Crop Report (2008)

vegetables using ecological methods; two-thirds of participants reported eating more vegetables after receiving the gardens.[7] Urban agriculture is making its way into Oakland's schools, as well. With the help of UC Cooperative Extension's school gardens program and California Department of Education's Garden in Every School program, nearly 100 childhood development centers and elementary, middle, and high schools in Oakland now have school gardens where students learn about science and nutrition.[8]

A People's Grocery staff member works with a volunteer

[7] City Slicker Farms Annual Report (2007)
[8] UC Cooperative Extension Alameda County "School Gardens Assessment" (2009)

Box 1: Urban Agriculture's Multifunctionality

Food Production. Urban agriculture (UA) is the production of food in urban areas. UA consists of more than just community gardens. Several US cities have large urban farms within their boundaries. UA also includes orchard or fruit tree production, small-scale animal raising (including chickens, turkeys, ducks, rabbits, goats, pigs, bees) for milk, honey, and meat production.

Green Jobs. A sustainable local food system is central to a green economy. UA plays a central part in this economy and can provide jobs for youth and adults who are growing, harvesting, distributing, and preparing locally grown food.

Environmental Services. Sustainable urban farming equals environmental stewardship. Urban gardens are rich in biodiversity—soil organisms, beneficial insects, birds, crops, flowers, and trees. Vegetation helps filter and slow run-off. Green waste can be composted and cycled into urban food production instead of landfills.

Educational Opportunities. Urban gardens and farms are an ideal place to teach the public about the food system, science, and the built environment. Urban farmers from diverse cultures hold a wealth of culinary and farming knowledge.

Open Space. Urban gardens and farms are *productive* open space where the public can experience and enjoy sunshine, biodiversity, and physical activity.

Neighborhood Beautification. Urban gardens are a lush and colorful alternative to vacant lots covered with broken asphalt, overgrown with weeds, littered with trash, or surrounded by chainlink fencing.

Property Values. Urban gardens often increase the value of nearby homes.

Safer Streets. Gardens and mini-farms are active public spaces. A greater number of "eyes on the street" can help reduce crime and vandalism.

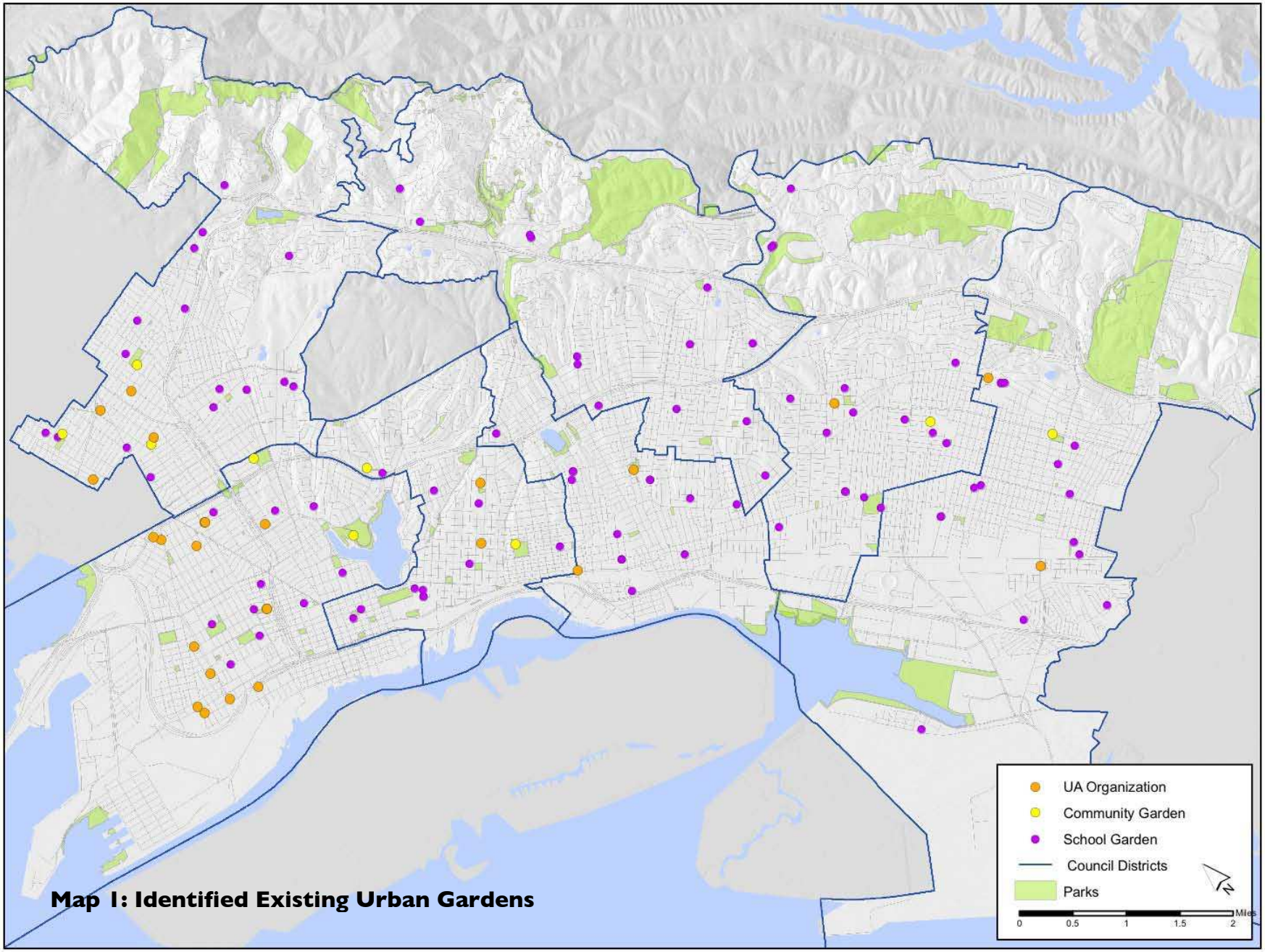
Community Building. Urban gardens and farms can bring together people of all ages from diverse cultures, serving as a forum for exchange.

Civic Participation and Empowerment. UA often plays a role in community development initiatives. UA provides an opportunity for a neighborhood to organize and define its vision of a healthy, sustainable community. Community members can engage with public officials to ensure that the planning process and implementation stay true to the community's vision.

Box 2. Urban Agriculture Programs in Oakland

- ***Bay Friendly Gardening.*** Alameda Co. Waste Management program offering workshops on composting and gardening.
- ***Bay Localize.*** Use Your Roof! project focuses on rooftop gardens.
- ***City Slicker Farms.*** Several gardens, a weekly produce stand, and a backyard garden construction and mentorship program.
- ***City of Oakland Community Gardening Program.*** This Department of Parks and Recreation program manages nine community gardens that serve over 400 community members.
- ***East Bay Refugee Garden Program.*** A project of Community Health for Asian-Americans, the Bhutanese American Community Center and Burmese Refugee Family Network.
- ***Forage Oakland.*** Fruit harvest and trade in North Oakland and South Berkeley.
- ***Lao Family Community Development, Inc.*** Manages the community garden at Peralta Hacienda Historical Park in Fruitvale/Harrington.
- ***Merritt College Landscape Horticulture Program.*** Offers courses in soil management, permaculture, horticulture, and landscape design.
- ***Oakland Food Connection.*** Nutrition, gardening, and cooking education program for youth at school, rooftop, and backyard gardens in East Oakland.
- ***Oakland SOL*** *(Sustaining Ourselves Locally).* Urban gardening workshops in San Antonio/Fruitvale.
- ***OBUGs*** *(Oakland-Based Urban Gardens).* Provides gardening and nutrition education to West Oakland school children.
- ***Oakland Unified School District.*** Home to nearly 100 gardens at childhood development centers, elementary, middle, and high schools.
- ***People's Grocery.*** Several urban gardens, a greenhouse, and farm in Alameda Co., and a CSA serving West Oakland residents. Their greenhouse at the historic California Hotel is pictured above.
- ***Phat Beets Produce.*** Runs Healthy Hearts Youth Market Garden in North Oakland.

- ***Planting Justice.*** Permaculture classes and urban gardens in North and West Oakland.
- ***PUEBLO***. Urban Youth Harvest program works with Cycles of Change to harvest and transport fruit to seniors.
- ***SANFAL*** *(San Antonio Neighbors for Healthy Living).* Manages the San Antonio Park Community Garden through a community partnership with East Bay Asian Youth Center.
- ***UC Cooperative Extension.*** Provides assistance and training via the Master Gardener and School Gardens programs throughout Alameda County.
- ***Urban Roots.*** Developing a micro-farm at Tassaforanga Recreation Center in East Oakland.
- ***Village Bottom Farms.*** Garden and aquaculture in West Oakland's Lower Bottoms.



Map 1: Identified Existing Urban Gardens

Why a Land Inventory?

This project emerged from the recommendations of the Oakland Food System Assessment (OFSA) and is the one of many new steps in an ongoing movement to develop a more resilient, sustainable, and just food system in Oakland.[9] In 2006 the OFSA was completed for the Mayor's Office for Sustainability. In addition to evaluating the existing avenues of food distribution and consumption in Oakland, the OFSA examined existing food production in the local "foodshed", an area that comprises the counties surrounding Oakland (many with significant agricultural production) and that extends to approximately 200 miles from the city. While the vast majority of food consumed in Oakland comes from outside of this area, local food systems advocates have underscored the importance of having food production within the city itself in order to promote education about the food system, reduce the "food miles" between production and consumption, enhance green space, and create "green job" opportunities. However, the potential contribution of food production within the city has not yet been studied.

As a result, the OFSA's first recommendation for Local Food Production was to: "Initiate an inventory of land that is potentially suitable for urban agricultural production. This could include both suitable public (right-of-ways, easements, parks, etc.) and private (rooftops, back-yard gardens, etc.) land. The OFSA contains a "Blueprint for a Publicly Owned Vacant Land Inventory & Management Plan for Urban Agriculture Use" which is reproduced in Appendix F of this report.

More recently, the HOPE Collaborative contracted Public Health Law and Policy to conduct a meta-analysis of existing data on production, distribution, consumption, and waste recovery in Oakland's food system. One of the gaps in data identified by the meta-analysis was the need for an inventory of vacant land in Oakland in order to calculate the city's agricultural potential.[10] The Institute for Food and Development Policy (Food First) conducted a similar meta-analysis for the entire Bay Area. In early 2009, the HOPE Collaborative's Food System Action Team collectively prioritized the need for such an inventory or assessment as a crucial first step in developing policy and action related to developing a robust food system for low-income food deserts in the flatlands.

Cultivating the Commons

This inventory was initially inspired by the Diggable Cities Project (a land inventory conducted in Portland in 2005)[11] and by conversations in the fall of 2007 with people involved in Oakland's UA and food systems organizations beginning. Initially, the Portland land inventory provided the methodological framework for this project. A master's thesis on the food system in West Oakland was also helpful. We then put out a request for information on land inventories to the Community Food Security Coalition's Urban Agriculture list-serve and were informed of the Vancouver and Seattle inventories.[12] Following our commitment to participatory research and the experience of Portland's Diggable City project, we established a Community Advisory Committee—made up of members from UA and food

[9] See Unger & Wooten (2006) "OFSA"

[10] The recent HOPE Collaborative Food System Meta-Analysis found that that "Oakland's urban food production capacity has not been fully evaluated" and that "it would be useful to have a better sense of production capacity in order to understand land acquisition and programming needs/costs." This inventory is footnoted in the report as currently "in the pipeline" to fill this gap (Public Health Law & Policy 2008, 19).

[11] See Balmer et al (2005) "The Diggable City".

[12] See Harper (2007) for West Oakland. See Kaethler (2006) "Growing Space" for Vancouver and Horst (2008) "Growing Green" for Seattle.

systems organizations, city planners, and community members—to help guide the project and provide comments on several drafts of this report. Initial data collection for this inventory began in the summer of 2008, but the majority of analysis took place during the spring of 2009 with the financial support of a mini-grant from the HOPE Collaborative and the fiscal sponsorship of City Slicker Farms.

A stroll through West Oakland reveals a large number of overgrown, vacant lots that are tempting to a gardener. However, it became clear early on in our research that most of these lots are privately-owned. Our intention with this inventory, therefore, was to locate Oakland's commons, land that is owned by public agencies and therefore a public resource. More specifically, we were interested in locating the fallow, vacant, or unused commons that could potentially produce food for the city.

We soon realized that the amount of actual *vacant* public land (*e.g.* with no *existing* use as a park or lawn or playing field) in Oakland is limited. We therefore chose to broaden the scope of our investigation to include any public land that could *potentially* be used for agricultural production. Therefore, we included lawns, fields, and other "fallow" open spaces that are currently part of a park or adjacent to a government facility. We did not include open spaces that are clearly developed, such as playing fields. In some cases we included parking lots that appear to have limited use or are in a state of disrepair, since such sites could be used for food production in greenhouses or raised beds, or could house agricultural infrastructure such as a tractor-barn, storage area, or composting facility. While we are not advocating that all of this space be used for agriculture, since every city needs open, grassy spaces for picnics and play, we chose to include these common spaces as a measure of Oakland's potential to provide food for its residents.

The goal of this report is two-fold. First, we hope that this assessment of Oakland's agricultural potential can be used to inform policy decisions concerning Oakland's food, health, and environmental quality. We hope that our findings and recommendations will inform policy and action by community-based organizations, non-profits, government, and citizens of Oakland in their efforts to address issues of justice and sustainability in our food, public health, and educational systems. The Results and Conclusion sections provide an overview of our findings.

Second, we intend for this report to be used by non-profit organizations and city officials as a tool with which to identify potential sites for food production. Appendix A, the "Land Locator", serves this purpose. We hope that this report serves as the first step in an ongoing process of mapping the UA potential in the commons, and hope to collaborate with UA organizations, government officials, and community members to eventually extend the inventory to include private land, fruit trees, rooftops, and agroforestry. Locating these public spaces is truly only the beginning. Selecting sites, gathering community input and support, acquiring the land, and developing a management plan are all important and necessary steps that must be taken before cultivating the commons.

Box 3. Urban Farms on Public Land

Urban farms and gardens are taking root on public land across the US and Canada. While small vacant lots are ideal for community gardens, larger tracts of an acre or more are ideal for market gardens or urban farms. Many of the urban farms that have sprouted up in North America's cities are operated by food security organizations focused on bringing fresh and affordable produce into disadvantaged areas with little access to healthy food. Many of these organizations also provide skills training and employment. Since the land is public, the primary focus is *not* on commercial UA.

In Springfield, Oregon, for example, Food for Lane County operates the 3-acre Youth Farm which provides summer jobs to a dozen at-risk youth. The farm, located on vacant land owned by the school district, produces nearly 45 tons of food annually, half of which goes to the food bank, and half marketed to the public via a 30-member CSA and a weekly farm stand run by the youth. In Albuquerque, New Mexico, the Rio Grande Community Farm is a 50-acre organic farm operating on land owned by the city's Open Space Division, and includes a 2-acre community garden. The farm offers workshops to the public on farming and traditional foodways, and donates some of its produce to local food banks. In Chicago, organizations such as CityFarm, Growing Home, and Growing Power have transformed vacant lots into urban farms that provide healthy food in the city's food deserts and sell at farmers markets throughout the city. In Boston, The Food Project operates 3 mini-farms on vacant land obtained through partnerships with the Dudley Street Neighborhood Initiative and the city. In Brooklyn, NYC, several organizations provide job training and farming skills to young people in the borough's food deserts: East New York Farms operates a large market garden on city-owned land and coordinates a farmers market and CSA; the 2¾-acre Red Hook Community Farm was established by Added Value on a dilapidated playground and grows food for sale to local restaurant and at farmers markets. In Canada, the Toronto Urban Farm is a partnership between the City of Toronto and Toronto and Region Conservation Authority, and is located on 8 acres of public land in one of the city's most disadvantaged areas. The farm provides the community with produce and employment opportunities and composts organic waste from local businesses.

Here in the Bay Area, several projects have collaborated with public agencies to obtain land for their food security activities. San Francisco's Alemany Farm is located on 4½ acres of SF Recreation and Park land and provides the surrounding low-income neighborhood with fresh produce, jobs, and educational opportunities. The Alameda Point Collaborative operates Ploughshares Nursery and the Growing Youth program on a decommissioned military base. The project provides fresh produce and jobs for youth at their urban farm. Phat Beets Produce developed the Healthy Hearts Youth Market Garden in partnership with community members and Children's Hospital Oakland in a North Oakland park. Under an agreement with the Oakland Parks & Recreation Department City Slicker Farms develop a mini-farm at a small park in West Oakland, and was recently awarded state funds to develop the 1.4-acre West Oakland Park and Urban Farm. With support from the Alameda Co. Deputy Sheriffs' Activities League, Dig Deep Farms operates a CSA, provides employment and nutrition education from its garden on land owned by the fire station in Ashland.

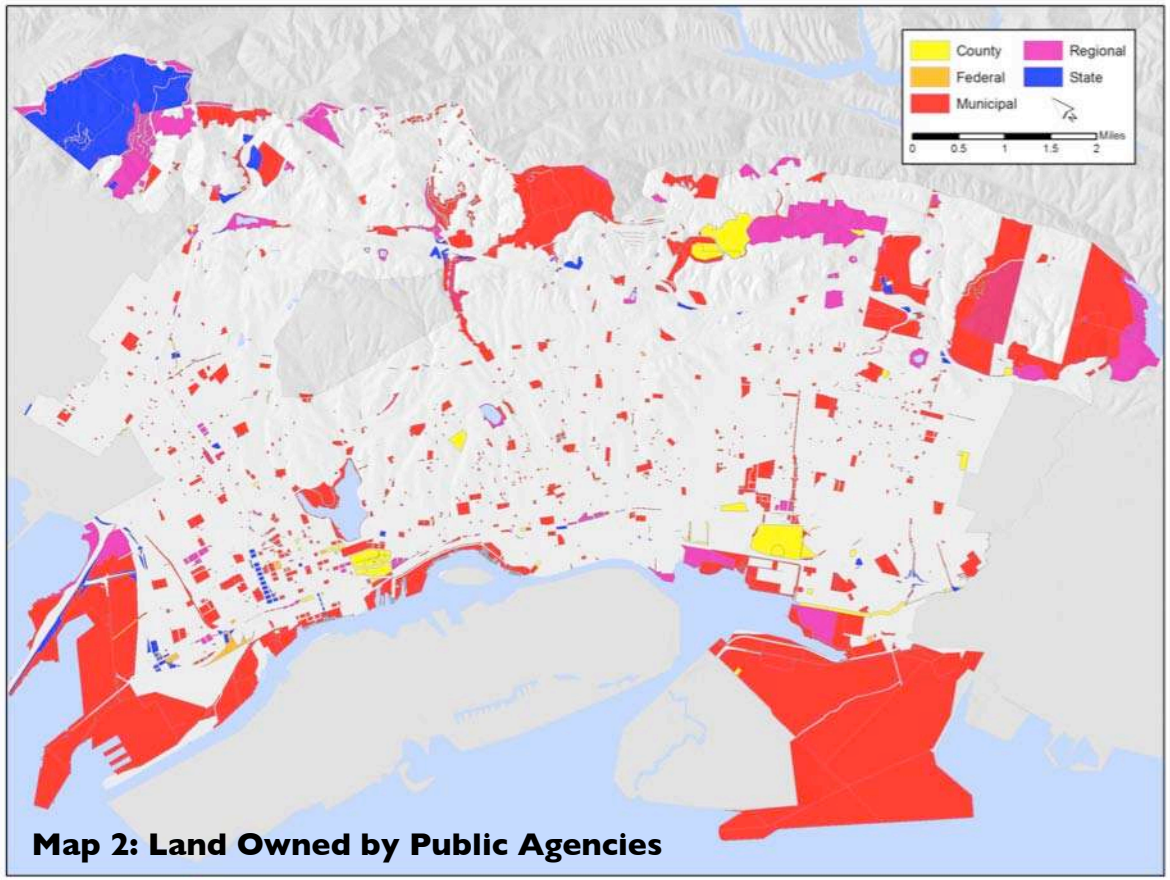
Youth transform the lawn of Detroit's Adams-Butzel Recreation Complex into a garden

Food for Lane County's 3-acre Youth Farm in Springfield, Oregon

An abandoned basketball court transformed into an urban farm in Alameda

2. Methods[13]

Using geographic information system (GIS) software, we conducted an inventory of publicly owned land to identify areas where food could potentially be grown. The public land included in the inventory belongs to public agencies spanning multiple administrative levels, from municipal to federal (see Box 4).



Map 2: Land Owned by Public Agencies

We first used Alameda County Tax Assessor's data obtained from the City of Oakland's GIS database to identify the nearly 2,600 publicly owned parcels totaling over 10,000 acres of land, or more than a third of Oakland's total 56.1 square miles (35,904 acres) of land (see Map 2).[14]

We then used satellite imagery from the National Agriculture Imagery Program (NAIP) to identify which parcels contained open space that could potentially be used for food production. We excluded fully developed parcels from the inventory and retained parcels with more than 500 square feet of open space. We then cut out developed areas (e.g. buildings, roads, playing fields). We cross-checked all sites with more recent imagery using Google Maps (both satellite and streetview perspectives) and "ground-truthed" (or visited) approximately ten percent of the sites prior to the first edition of this report. In 2010 we continued ground-truthing and as a result decided to conduct a more detailed additional slope analysis.

[13] See Appendix B: GIS Methodology for a more comprehensive description of methods, data sources, and limitations to the data.
[14] Federal land, including US Postal Service and Amtrak land, was also assessed but no potential sites were identified.

We classified each parcel by ground cover (soil/grass, hard surface, mixed surface, or dense vegetation) and removed land with dense vegetation from the final inventory. We calculated the total area of publicly owned land with potential for food production by adding the remaining area (soil/grass, hard surface, and mixed surface). Land with dense vegetation was considered for its agroforestry potential (see Map 5). We calculated the average slope of each parcel and also assessed whether parcels are within ten feet of an EBMUD meter, a quarter mile of a school, and/or a quarter mile of an AC Transit bus stop. For the 2010 edition, slope was recalculated for each 10 x 10 m grid (pixel) within each parcel; grids with slope greater than 30 percent were removed from the overall productivity calculations.

To calculate the overall potential of the identified parcels to meet Oakland's recommended fruit and vegetable needs, we calculated the total production potential of all sites for both fruit and vegetable production and divided it by the amount needed by 423,000 people, Oakland's estimated population in 2010.[15]

Over the course of this project, we consulted with members of the Community Advisory Committee (see Acknowledgements). They provided us not only with the initial inspiration for the project, but vital input in a number of areas: the location of potential sites, criteria for selection of potential sites, and feedback on what type of information would be useful in the finished inventory. In addition, they provided comments on several drafts of the report.

[15] See Appendix C: Calculating Productivity for a more comprehensive description of how we calculated food consumption. Our conservative estimate of productivity per acre is based on interviews with urban and organic farmers in California and Oregon, and the average yield per acre of all vegetable crops and melons listed in the USDA Crop Report for California.

Box 4: Public Land Assessed in this Inventory

Municipal:

- City of Oakland
- Oakland Parks & Recreation Department (OPR)
- Redevelopment Agency of the City of Oakland
- Housing Authority of the City of Oakland (OHA)
- Oakland Unified School District (OUSD)

County:

- County of Alameda
- Alameda County Flood Control
- Alameda County Superintendent of Schools
- Peralta Community College District
- Alameda Contra Costa Transit District (AC Transit)

Regional:

- San Francisco Bay Area Rapid Transit (BART)
- East Bay Municipal Utilities District (EBMUD)
- East Bay Regional Parks District (East Bay Parks)

State:

- University of California (UC Regents)
- State of California

Federal:

- Amtrak
- US Postal Service
- Other federal property
- Other federal land

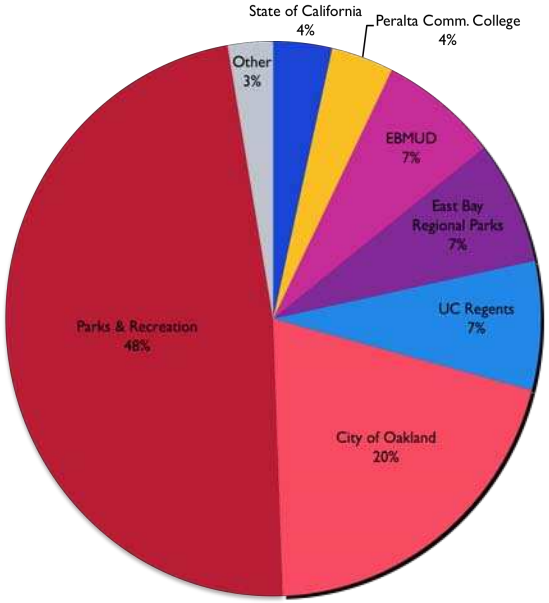
3. Results

Box 5:
Sites by City Council District

CCD	Sites	Parcels	Acres
1	118	177	195
2	28	39	40
3	71	103	83
4	70	103	61
5	34	65	29
6	63	91	112
7	111	178	681
Total	**495**	**756**	**1,201**

Overall, we identified 1,201 acres of open space (not including land with dense vegetation) on 495 aggregated sites consisting of 756 individual tax parcels. The sites are distributed relatively evenly across the city, but the vast majority of acreage with agricultural potential is located in City Council District 7 in East Oakland (see Box 5). A large number of sites are also located in City Council District 3 in West Oakland. While a significant amount of open space is located on public land in City Council Districts 1 and 4, much of this land is located on steep slopes and is inaccessible by road.

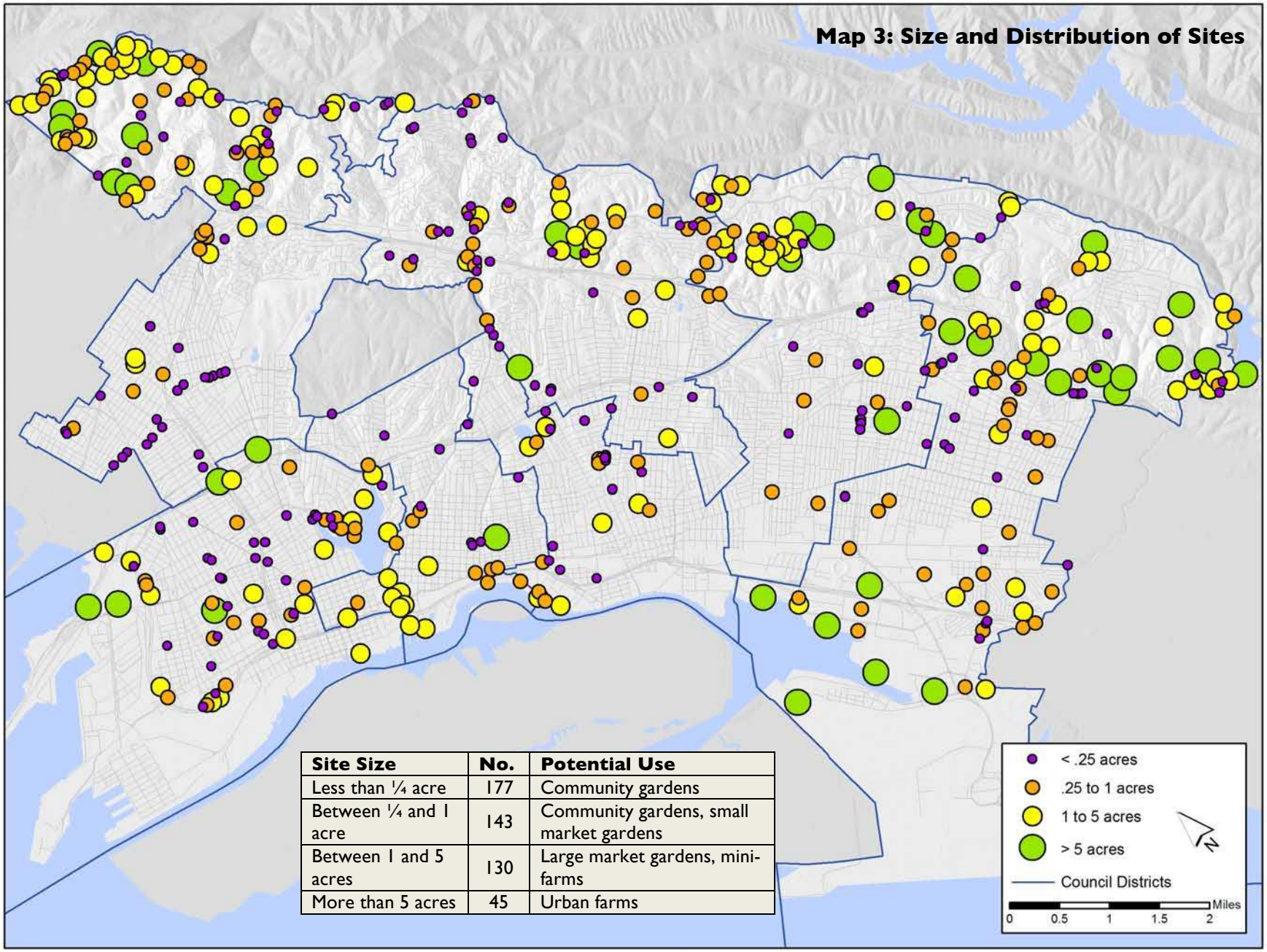
More than a third of the sites are small parcels less than a quarter acre and would be best suited for community gardens (see Map 3). Another third of the sites are between a quarter and one acre and would be best used as community gardens or small market gardens run by UA organizations. A final third of the sites are between one and five acres and could be developed as large market gardens or "mini-farms" run by UA organizations or leased to individual commercial urban farmers. Finally, 45 sites are greater than five acres and could be used as urban farms managed by UA organizations or leased to commercial farmers for large-scale urban production.



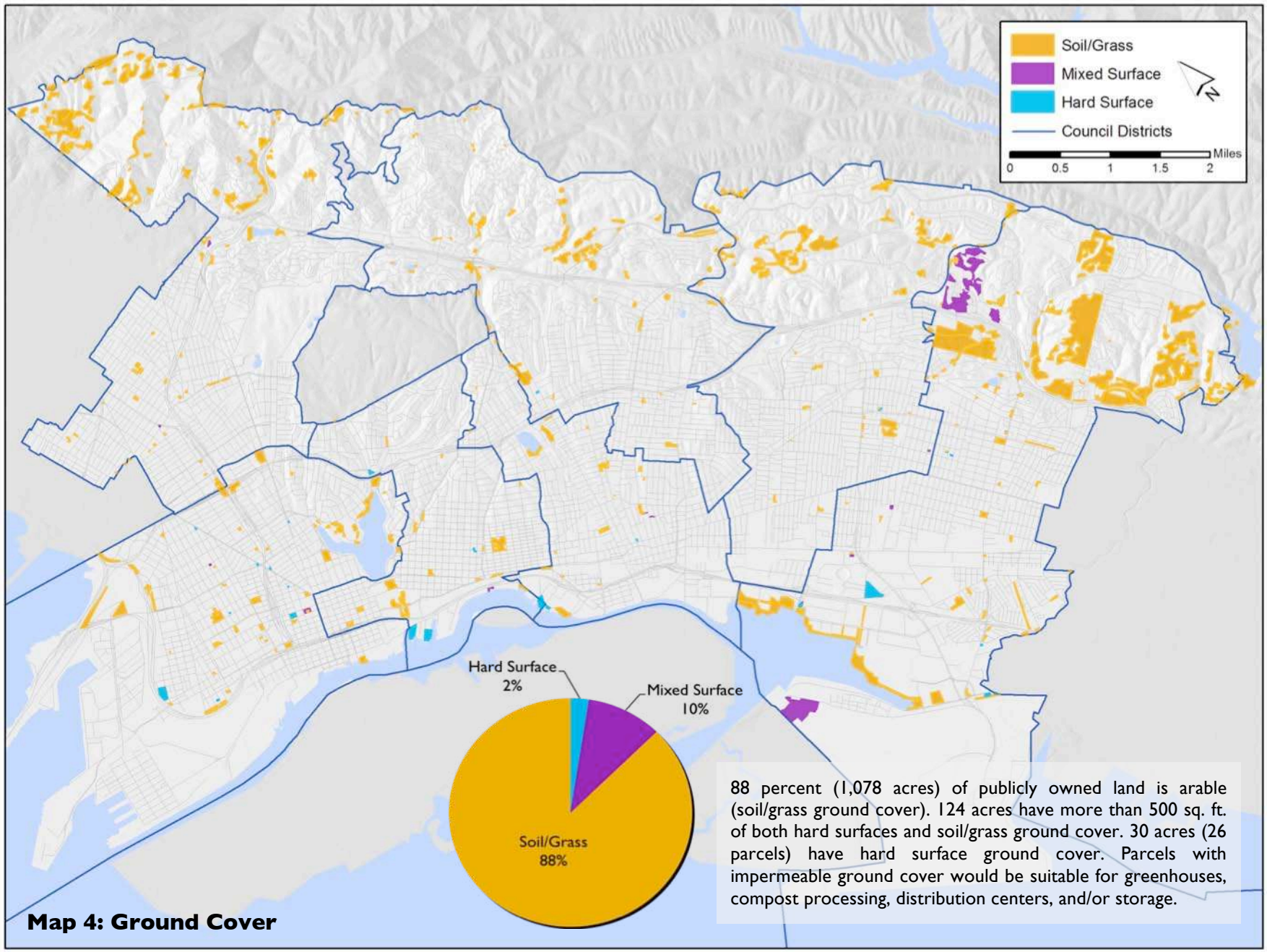
Almost half of the identified open space (591 acres or 49 percent) belongs to the Oakland Parks and Recreation Department (OPR). One-fifth of the land (249 acres or 20 percent) belongs to the City of Oakland but is not identified as belonging to OPR. Seven percent (88 acres) is on EBMUD land. A roughly equal amount (approximately 89 acres) lies on land owned by the East Bay Regional Parks District.

The vast majority of undeveloped, publicly owned land is within walking distance of an AC Transit route. 610 out of 756 identified parcels are within a quarter mile of an AC Transit bus stop. Additionally, 32 percent of identified parcels are within a quarter mile of a school. There is an EBMUD water meter within ten feet of 7.5 percent of the parcels (totaling 88 acres).[16]

[16] In this land inventory access to water was based on spatial proximity rather than consultation with EBMUD. For precise information about water accessibility at a given site, contact EBMUD with the parcel number and/or address.

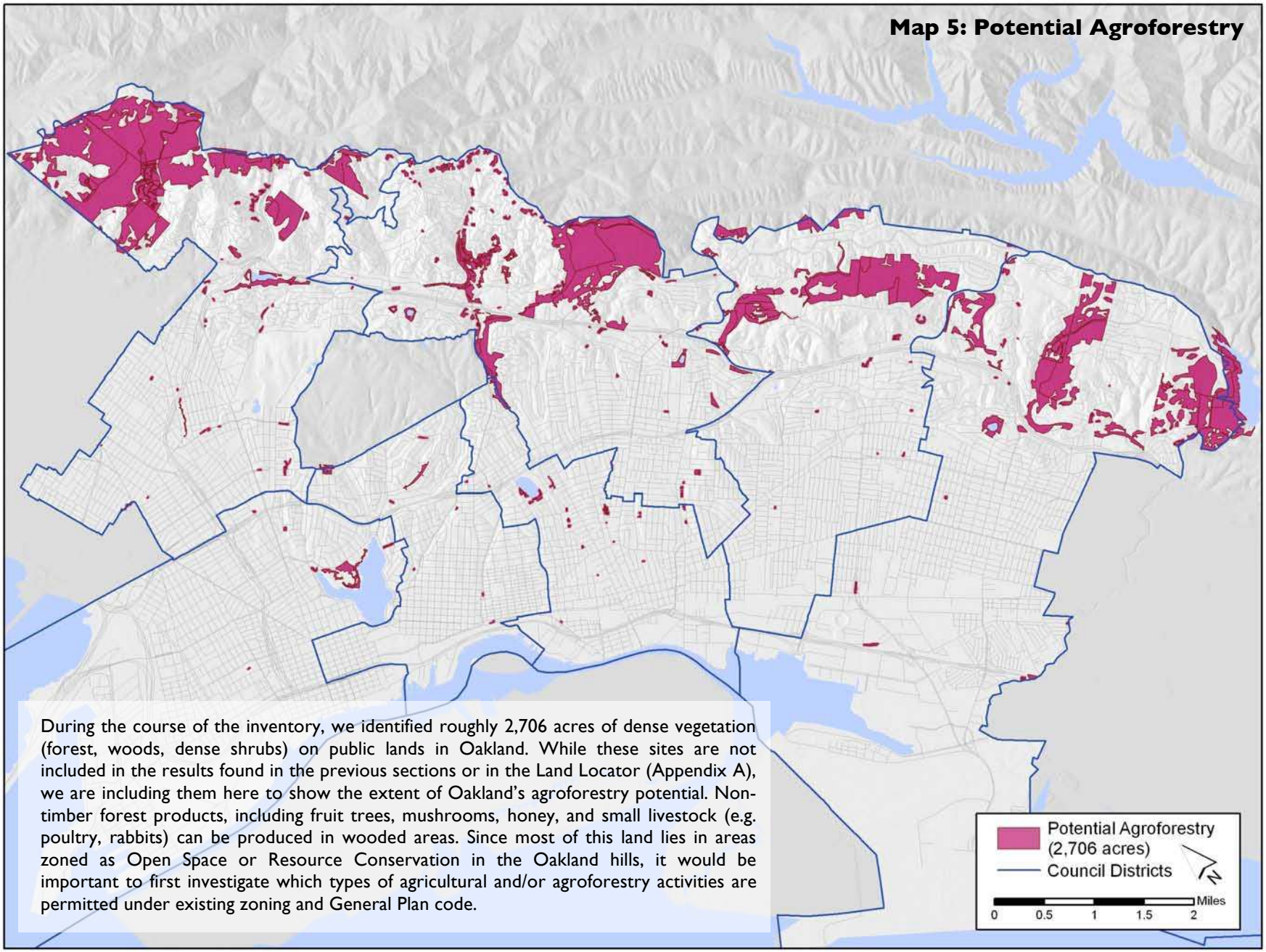


Site Size	No.	Potential Use
Less than ¼ acre	177	Community gardens
Between ¼ and 1 acre	143	Community gardens, small market gardens
Between 1 and 5 acres	130	Large market gardens, mini-farms
More than 5 acres	45	Urban farms

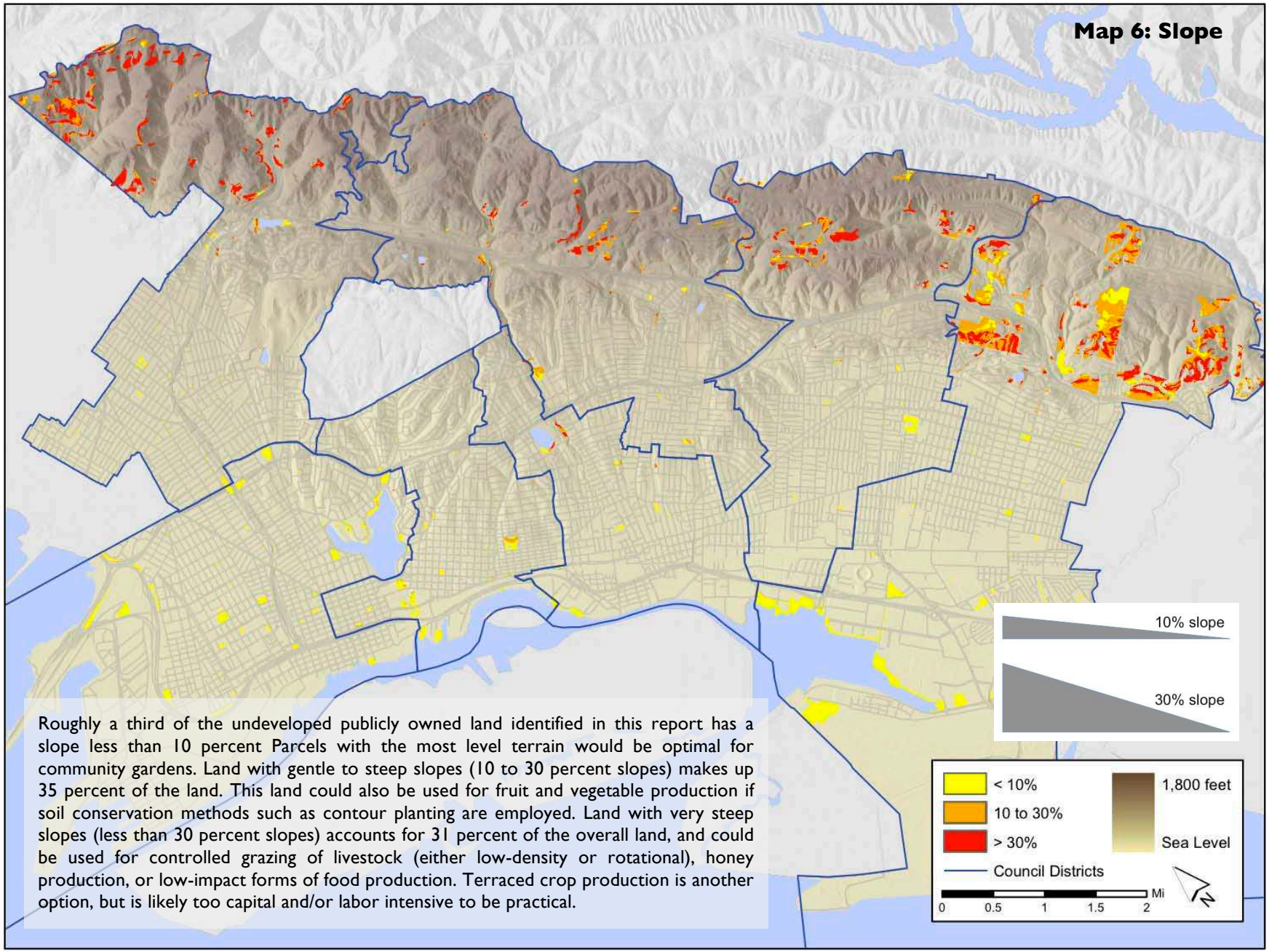


Map 4: Ground Cover

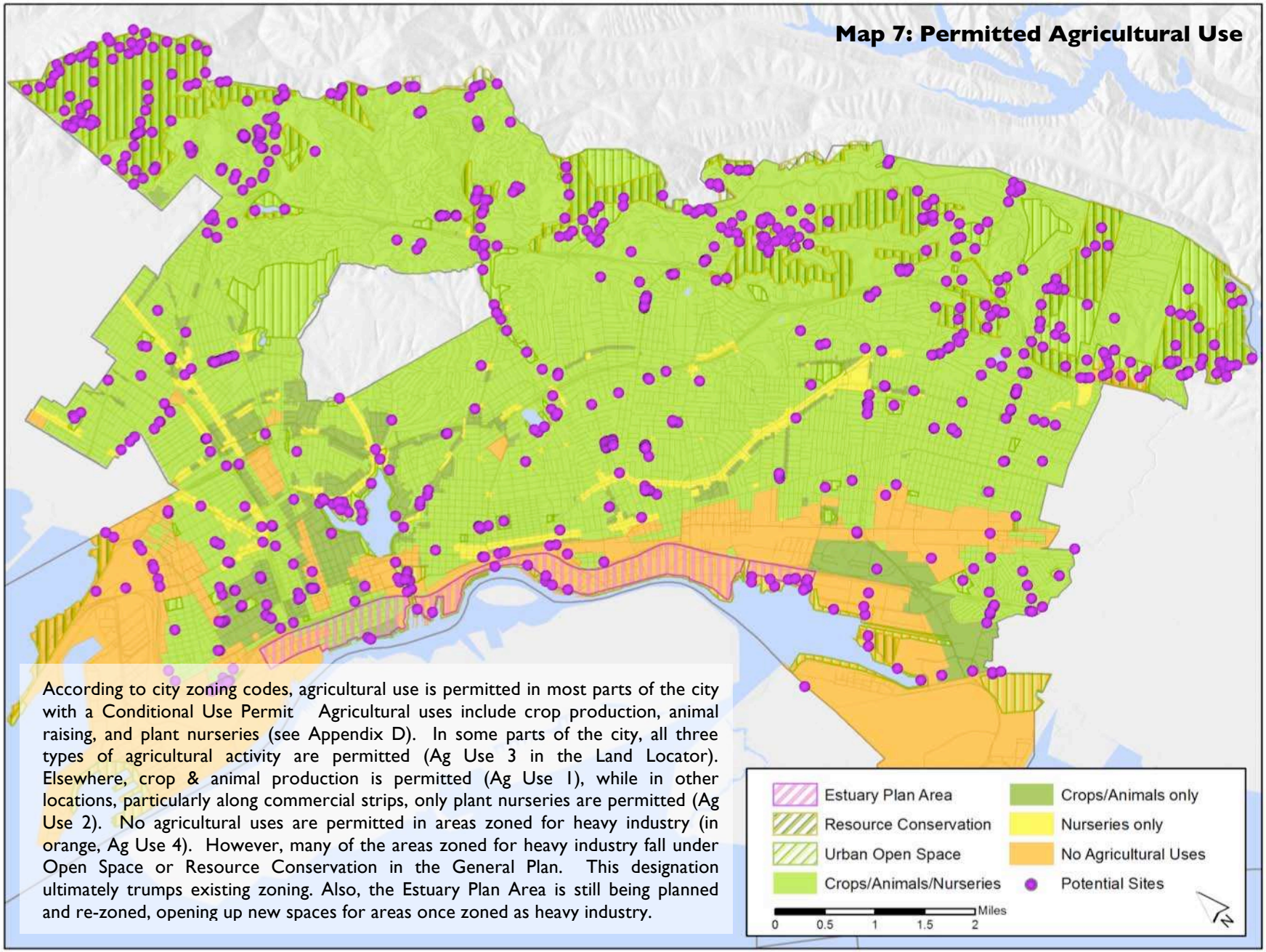
88 percent (1,078 acres) of publicly owned land is arable (soil/grass ground cover). 124 acres have more than 500 sq. ft. of both hard surfaces and soil/grass ground cover. 30 acres (26 parcels) have hard surface ground cover. Parcels with impermeable ground cover would be suitable for greenhouses, compost processing, distribution centers, and/or storage.



During the course of the inventory, we identified roughly 2,706 acres of dense vegetation (forest, woods, dense shrubs) on public lands in Oakland. While these sites are not included in the results found in the previous sections or in the Land Locator (Appendix A), we are including them here to show the extent of Oakland's agroforestry potential. Non-timber forest products, including fruit trees, mushrooms, honey, and small livestock (e.g. poultry, rabbits) can be produced in wooded areas. Since most of this land lies in areas zoned as Open Space or Resource Conservation in the Oakland hills, it would be important to first investigate which types of agricultural and/or agroforestry activities are permitted under existing zoning and General Plan code.



Roughly a third of the undeveloped publicly owned land identified in this report has a slope less than 10 percent Parcels with the most level terrain would be optimal for community gardens. Land with gentle to steep slopes (10 to 30 percent slopes) makes up 35 percent of the land. This land could also be used for fruit and vegetable production if soil conservation methods such as contour planting are employed. Land with very steep slopes (less than 30 percent slopes) accounts for 31 percent of the overall land, and could be used for controlled grazing of livestock (either low-density or rotational), honey production, or low-impact forms of food production. Terraced crop production is another option, but is likely too capital and/or labor intensive to be practical.



According to city zoning codes, agricultural use is permitted in most parts of the city with a Conditional Use Permit Agricultural uses include crop production, animal raising, and plant nurseries (see Appendix D). In some parts of the city, all three types of agricultural activity are permitted (Ag Use 3 in the Land Locator). Elsewhere, crop & animal production is permitted (Ag Use 1), while in other locations, particularly along commercial strips, only plant nurseries are permitted (Ag Use 2). No agricultural uses are permitted in areas zoned for heavy industry (in orange, Ag Use 4). However, many of the areas zoned for heavy industry fall under Open Space or Resource Conservation in the General Plan. This designation ultimately trumps existing zoning. Also, the Estuary Plan Area is still being planned and re-zoned, opening up new spaces for areas once zoned as heavy industry.

4. Site Profiles

In the next few pages we present the profiles of nine potential sites identified in this inventory, ranging in size and location. The index number appears in parentheses after the site's name to help you find it on the maps in Appendix A. In the inset maps of each site, the site outline appears in red, and ideal area for cultivation in green. Parcel boundaries are in yellow. Area refers to the total area of each site, so while the ideal area for cultivation may be small, adjacent areas within the site boundary could be used for other forms of agriculture.

Community Gardens:

- Cesar Chavez Park (Fruitvale/Foothill)
- Clinton Square (San Antonio/Eastlake)

Market Gardens:

- 3rd St. & Lewis (West Oakland)
- W.D. Wood Park (Lower Dimond)
- Jungle Hill (Harrington/Allendale)
- MLK Shoreline Park (Airport Channel)

Urban Farms:

- Harbor Bay Parkway (Oakland Airport)
- Oakport St. (Coliseum/Melrose)
- King's Estates Open Space (Eastmont Hills)

Please note that these profiles are included solely for the purpose of illustrating some of Oakland's public land that could potentially be farmed. Unless noted, no steps have been taken to develop urban agriculture on these sites or any of the sites featured in this report, aside from soil testing for lead at 120 sites. Community input and participation is essential before proceeding with the development of gardens or farms at any of the sites identified in this report. We encourage readers to investigate sites of interest more fully and welcome additional information about any of the sites.

W.D. Wood Park (Site 5-31)

This city park adjacent to Sausal Creek, just south of the 580 freeway, tucked between Fruitvale Ave. and the municipal reservoir in East Oakland's Lower Dimond neighborhood. A small paved drive makes it accessible to McKillop Rd., and footpaths link it to School St. west of Fruitvale Ave. Most of the park is flat with good sun and is largely undeveloped (see also the left-hand photo on p. 10).

Potential Use:
Small Market Garden
Location: McKillop Rd.
Owner: Parks & Rec
APN: 026 081002901
026 081004701
Area: 3.25 acres
Ground Cover: soil/grass
Slope: 0 to 20%
Zoning: OS (NP)

Jungle Hill (Site 5-27)

Located off of 35th Ave. in the Harrington/Allendale area of East Oakland. The site, locally called "Jungle Hill" has been vacant since houses collapsed in landslides in the 50s and 70s. A Resource Conservation Area, it is maintained by the city only sporadically.

Potential Use: Market Garden
Location: Santa Rita St. & Ransome Ave.
Owner: City of Oakland
No. Parcels: 8
Area: 0.58 acres
Ground Cover: soil/grass
Slope: 3 to 17 %
Zoning: OS (RCA)

King's Estates Open Space (Site 7-20)

Located between MacArthur Blvd. and I-580 in East Oakland, accessible from Keller Ave. exit or 82nd Ave. This vast and mostly sloping open space in the hills is used mostly by dog-walkers and is mowed occasionally by goats. Several flat acres adjacent to Howard Elementary/CDC are accessible via a paved path connecting to the Sterling Dr. / Crest Ave. entrance, and a dirt road to Fontaine St. The site offers spectacular views of the city and SF Bay.

Potential Use: Urban Farm
Location: Fontaine St.
Owner: Parks & Rec
No. Parcels: 4
Area: 53.84 acres
Ground Cover: soil/grass
Slope: 6 to 19 %
Zoning: OS (RCA)

3rd Street (Sites 3-1 to 3-3)

Located on 3rd St. between Peralta and Henry Streets in the South Prescott neighborhood of West Oakland. This relatively new but underused city park is already fenced. A large wall separates the park from the I-880 freeway. Soil at this site should be tested and land use history investigated here due to its proximity to the freeway and its location in an area with long history of industrial contamination.

Potential Use: Small Market Garden
Location: 3rd Street
Owner: Parks & Recreation

No. Parcels: 18
Area: ~2 acres
Ground Cover: soil/grass
Slope: level
Zoning / Gen. Plan: OS (NP)

MLK Shoreline Park (Site 7-4)

This scenic site is part of the Martin Luther King Regional Shoreline and overlooks Airport Channel and Arrowhead Marsh. A few acres of flat lawn area lie next to the marsh boardwalk, observation tower, and five picnic sites. This area is accessible via the park entrance road off of Swan Way. Because this is a well-visited site, a UA educational market garden here would ideally emphasize education. Soil should be tested for salinity due to its proximity to the water.

Potential Use:
Educational Market Garden
Location: Doolitte Dr. & Swan Way
Owner: East Bay Regional Parks
No. Parcels: 4
Area: 26.98 acres
Ground Cover: soil/grass
Slope: 0 to 1 %
Zoning (Gen. Plan): M-40 (RC/OS)

Clinton Square (Site 2-10)

While this city park is small, it provides an excellent opportunity to incorporate UA into the urban landscape for education and community-building. Clinton Square lies in the heart of the Eastlake/San Antonio area, one of the nation's most diverse neighborhoods. A small educational community garden would provide a forum for sharing the neighborhood's Asian and Latino agricultural and culinary traditions.

Potential Use: Educational Community Garden
Location: 5th Ave & International
Owner: Parks & Rec
APN: 020 012300100
Area: 1.25 acres
Ground Cover: soil/grass
Slope: 0 to 1 %
Zoning/Gen. Plan: OS

Cesar Chavez Park (Site 5-28)

Located off of Foothill Blvd. close to the heart of the Fruitvale, Cesar Chavez Park (formerly Foothill Meadows Park) is actively used, but is in a state of disrepair. A community garden in one of the lawn areas could revitalize this important and centrally located city park, creating a mixed-use space where a playground, basketball court, picnic area, and garden coexist side by side. It is also accessible from 38th Ave, and abuts a creek.

Potential Use: Community Garden
Location: Foothill Blvd. & 38th Ave.
Owner: Parks & Red
APN: multiple
Area: 1.57 acres
Ground Cover: soil/grass
Slope: 0 to 1 %
Zoning/Gen. Plan: OS (NP) / R-50

Harbor Bay Parkway / "North Field" (Site 7-1)

This large site lies at the northern end of the Oakland International Airport. The northern third of the parcel abuts the Otis Spunkmeyer Soccer Field and is large enough for a highly productive urban farm. Due to its proximity to the airport and Engine Test Facility, however, conducting soil sampling and a land use history is a vital first step. Current zoning does not allow agriculture.

Potential Use: Urban Farm
Location: Harbor Bay Pkwy.
Owner: City of Oakland
APN: 042 440401102
Area: 34.62 acres
Ground Cover: soil/grass
Slope: 1%
Zoning: M-40

Oakport St. (Site 7-12)

This beautiful site is on the MLK Regional Shoreline and is bordered by a paved bike path. Much of the land is owned by EBMUD (and is behind their Wet Weather Facility) but leased to East Bay Parks. The site is accessible via the bike path and through the parking lot shared by Parks & Rec soccer field (accessible from Oakport St.) The northwestern end of the site is classified as open space in the General Plan and rarely mowed. This area would be ideal for a large-scale urban farm, visible to the public and integrated into the MLK Regional Shoreline ecosystem. The southeastern area adjacent to Oakport St. consists of a gravel parking lot often used as a site for traveling circuses and could be used for greenhouse facilities or compost production.

Potential Use: Urban Farm
Location: Oakport St.
Owner: EBMUD / Parks & Recreation
No. Parcels: 6
Area: 32.18 acres
Ground Cover: mixed
Slope: 0 to 1%
Zoning: M-40
Gen. Plan: Open Space

6. Conclusions and Recommendations

We find ourselves at a moment in history when UA is understood as more than simply a recreational activity and is taken seriously as a means of bringing food to our tables, creating jobs, and providing environmental services and green space. The linkages between food, the environment, public health, and urban sustainability are becoming more visible. Now, in the midst of the financial crisis, people are growing more and more interested in developing sustainable ways to make the food system more resilient to economic turbulence. UA is central to this vision. Given the high cost and limited supply of undeveloped acreage in the Bay Area, Oakland's public land offers the most affordable option for urban food production. And as *public* land, it should arguably be used to benefit the public.

At the same time, this public land should not simply be enclosed and turned over to commercial enterprise; parks and open space must remain open to the public. In addition to community gardens, UA in these spaces should be educational and explicitly serve the interests of food justice (examples of such projects are presented in Box 3 on page 10) and be integrated into other open space and recreational uses. Commercial UA, with proper revision of zoning, is better suited for the large tracts of land in located formerly industrial areas of the city. Many of the privately owned vacant lots would be suitable for commercial UA, as would publicly owned vacant land that is not currently zoned as a park or open space.

Unlike cities such as Detroit and Philadelphia, where vast vacant tracts of land are already being converted to agricultural use, the extent to which UA can actually feed Oakland is limited. Vacant land in Oakland is comparatively scarce. As a result, the city's productive capacity is not as high as in some

Box 6: Potential Productivity

Currently, the USDA recommends 2.5 to 3.5 cups of vegetables per day (456 to 639 lbs/year) for males ten and older, and 2 to 2.5 cups/day (365 to 456 lbs/year) for females ten and over. Children under ten should eat 1 to 1.5 cups/day (182 to 274 lbs/year). The recommendations are slightly lower for fruit, ranging from 1 to 2 cups per day. Using Oakland's estimated 2010 population of 423,000 and age/sex data from 2000, Oaklanders should consume about 93,000 tons of vegetables per year and 66,250 tons of fruit. See Appendix C for calculations.

Using sustainable farming techniques, one acre of land can produce an average annual yield of 10 to 15 tons of vegetables. If we use the more conservative yield estimate of 10 tons/acre annually, Oakland's 828 acres of arable public open space could potentially produce as much as 8,280 tons of vegetables, or 9 percent of the annual vegetable needs of the city. Using a conservative average fruit yield of 5 tons per acre, the same amount of land could produce 4,140 tons of fruit, or roughly 6 percent of the recommended total for the city.

Of course, this is merely a rough calculation to illustrate the hypothetical potential for Oakland's publicly owned land to contribute to the diets of the city's population. Not all of the city's open space should be converted to agriculture and the push for urban farming should not overpower other uses for urban green space. After all, spaces where people can enjoy picnics, sunbathe, walk dogs, run, play soccer, and fly kites are essential to sustaining a healthy population. Taking this into consideration, if we were to use only half of the available open space for urban agriculture, we can still estimate that the city's public land could produce nearly 4.5 percent of Oakland's vegetable needs or 3 percent of fruit. An even more conservative estimate would take into consideration that small community or school gardens may not be as productive as commercial market gardens and mini-farms. As such, 3 percent of vegetables or 2 percent of fruit would be a safer, more realistic estimate. Using intensive ecological horticulture practices, however, yield per square foot can be increased dramatically.

other cities. Despite the limited availability of land, however, Oakland's commons could produce at least three to five percent of the population's vegetable needs (see Box 6 on page 25). If production were intensified and well-managed by trained urban farmers, this amount could easily double.

A young visitor to City Slicker Farms in West Oakland

We should remember that our estimate of the city's overall productive capacity is based solely on food production on *publicly* owned open space. Much of Oakland's vacant land lies in private hands. Under individual agreements with the landowners, there is potential for this land, too, to be leased out to UA organizations or UA entrepreneurs. The city's tens of thousands of rooftops are another vast but currently untapped potential site of food production. Small-scale animal husbandry (poultry, goats, rabbits, bees) in Oakland could also contribute to the nutritional requirements of the populations by bringing milk, eggs, meat, and honey closer to home.[17] Some of the identified sites with slopes greater than 30 percent, for example, might be used for grazing.

[17] Urban farmers should carefully examine the Municipal Code before integrating animals into their production system. Some of these regulations can be found in Appendix E: Municipal Code Related to Animal Raising.

We should also remember that UA is multi-functional. Its benefits cannot be calculated by tons of vegetables produced alone. Not solely a food production strategy, UA also revitalizes underutilized spaces, beautifying neighborhoods and increasing property values. It provides environmental services such as waste recycling. It creates jobs and educational opportunities, and provides the public with productive green space (see Box 1 on page 5). Indeed, one of UA's greatest assets lies in its ability to educate the public about the importance of a sustainable and resilient food system and to provide them the opportunity to experience food production firsthand. Exposing Oakland's children to UA at a young age via on-farm experiential education and job training opportunities will prepare them for a role in a growing green economy. In short, expansion of UA will help Oakland move towards its goal of becoming a more sustainable city.

This report is hopefully just a first step in expanding UA in Oakland. To move forward, we recommend the following:

1. Further Assessment of Sites

This inventory is a first-cut, GIS-based inventory. To truly assess the agricultural potential of each site, further fieldwork is necessary, and should include:

- Land audit by public agencies. Development plans for individual parcels may have changed since the inventory data was accessed and should be cross-checked with managing agencies. Individual agencies and municipal departments should conduct an audit of vacant or underutilized parcels with UA potential in order to verify which of the parcels identified in this inventory are optimal for UA development. City agencies in San Francisco completed such an audit in 2009.

- Ground-truthing of sites. What appears to be arable in an aerial or satellite-photo may not necessarily appear as such on the ground. While we visited more than one hundred and fifty sites, and cross-checked all sites using Google Maps Streetview, further assessment of sites should be conducted as necessary to determine if all of them are actually viable for food production.

- Further categorization of site suitability. The potential uses for sites identified in this inventory were categorized based on size (see Map 3) and slope (see Map 6). Further categorization or ranking of sites for suitability could include ground cover, proximity to water, vehicular access, etc. See Appendix F for recommendations.

- Soil quality evaluation/land use history. Soil quality is an issue in urban areas. Many urban soils have high levels of lead and other contaminants due to point sources such as chemical spills or flaking paint from houses and non-point sources such as atmospheric deposition of particles from industry and vehicle exhaust and brake wear. Most of Oakland's houses were built before the 1940s at a time when lead paint was widely used. As houses age and paint flakes away, there is a risk of lead contamination in the soil immediately adjacent to the house. Similarly, a lot may be vacant because a house may have burned down; in such cases, the soil under the former footprint of the house will show high levels of contamination. Before land is used for agricultural production, interested parties should send soil samples off for heavy metals testing and research the land use history of the site.[18] An assessment of lead (Pb) has been conducted at more than a hundred sites identified in this inventory under grants from UC Division of Agriculture & Natural Resource Analytical Lab and the National Science Foundation, but needs to be expanded to include other metals and organic contaminants such as PCBs. Preliminary analysis indicates that Pb levels are lower than expected across the city, but that levels are highly variable at each site and are dependent on a number of variables including soil type, density of pre-1940s housing, distance to major roads, and levels of soil carbon and soil phosphorus.[19]

2. Development of an Interactive Online Land Locator

To make the information in this inventory more available to the public, we recommend development of an online interactive GIS version of the inventory where the public can query, search for, and identify publicly owned parcels. It should also be expanded to include privately owned parcels This inventory should be updated regularly as sites are ground-truthed, and deleted if they are determined to be unsuitable for agriculture, discovered to fall under an existing development plan, or are sold or transferred to another owner.

[18] Nevertheless, high metals levels do not necessarily preclude a site from agricultural use. Some crops accumulate more metals than others. Heavy feeding plants such as leafy greens or root vegetables (which are in direct contact with the soil) should not be grown in soils with high metals levels. Fruiting plants, on the other hand, do not accumulate metals to the same extent. On sites with mild contamination, urban farmers and gardeners can also use simple technologies such as "phytoremediation"—using plants such as mustard or sunflower to drawing metals out of the soil—or heavy applications of compost to "immobilize" metals in the soil. On sites with higher levels of contamination, interested parties should consider growing food in raised beds or in greenhouses.

[19] Visit www.urbanfood.org for the results of this study and related reports.

3. Further Research on UA's Potential in Oakland

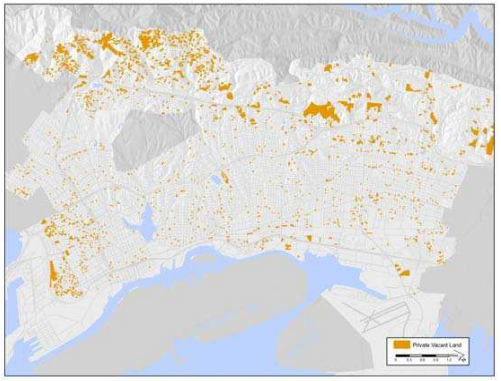
This report is merely a jumping-off point for a fuller evaluation of the potential productivity not only of Oakland, but of its larger foodshed. The Oakland Food Policy Council, community-based and non-profit organizations, high-school, college, and graduate students, and government agencies can all contribute to examining the food production potential in and around Oakland. Assessments of the following are needed:

- Urban livestock production. Small-scale production of eggs, honey, and milk for home consumption or sale locally are an untapped potential. Further research into the opportunities for and constraints to production is needed. While some of the municipal code related to animal-raising can be found in Appendix E, an in-depth examination of regulations related to public health and commercial permitting is necessary. Similarly, restrictions to animals in public parks also need to be explored.

- Fruit trees. With the Bay Area's Mediterranean climate, the potential for fruit production in Oakland is enormous. Indeed, orchards and canneries were once central to the city's economy. One non-profit is currently conducting an inventory of fruit trees in the city. Additionally, they run a job program for youth who help harvest fruit for low-income seniors. Another organization organizes harvests and fruit exchanges in North Oakland.[20] A comprehensive citywide fruit tree inventory would help us determine how much of Oakland's annual recommended 66,255 tons of fruit are already being produced within the city limits. Possible sites for orchards (such as the more sloping sites identified in this survey) should also be shortlisted. See also "Urban agroforestry systems" below.

- Urban agroforestry systems. In our inventory, we identified more than 2,300 acres of public land covered in trees or other dense vegetation. Potential urban agroforestry might include expanded fruit, mushroom, honey, and small livestock production. As much of this land also lies within Resource Conservation Areas under the General Plan, more research into permitted types of production is needed.

- Privately owned vacant land. There are a large number of privately owned vacant lots located throughout Oakland. An updated and thorough inventory of these lots will help determine their potential contribution to local food production, and may help facilitate negotiations with the landowner over possible purchase, or short- and long-term lease agreements. Our preliminary assessment reveals 3,008 privately owned vacant lots totaling 864 acres, a potential contribution of up to 10 percent of the city's vegetable needs, depending on the slope of the land. See Appendix G.



Vacant privately owned land

[20] Visit the website for PUEBLO's Urban Youth Harvest program for more information (http://www.peopleunited.org/uyh.html). See also Forage Oakland's site (http://www.forageoakland.blogspot.com/).

A student at E.C. Reems Academy in East Oakland and her family work on the rooftop garden that she and her classmates built with Oakland Food Connection and Bay Localize in 2008

- Rooftop gardening. There are thousands of commercial and residential buildings with flat roofs suitable for planter boxes in Oakland. A recent study of ¼ mile study area in the Eastlake District of Oakland concluded that rooftops could provide 124 metric tons of vegetables, or the recommended intake for ~8,500 residents.[21] Rooftop gardens not only provide food, but can also keep buildings cooler.

4. Evaluation of Existing Zoning, Permitting, and other Policy Barriers to UA

While UA is allowed in most zones with a conditional use permit, other zoning barriers to the expansion of UA may exist, particularly in regards to raising animals and selling agricultural products. A thorough assessment of the Municipal Code and county public health regulations is necessary to identify these obstacles.[22]

[21] Bay Localize 2008. *Tapping the Potential of Urban Rooftops*.
[22] A recent report prepared for the City of Seattle provides a useful model: "Urban Agriculture in Seattle: Policy & Barriers". (Available online: http://www.seattle.gov/Neighborhoods/ppatch/)

5. Adoption of Oakland Food Policy Council's recommended Urban Agriculture Policies

The Oakland Food Policy Council (OFPC) was mandated to develop policy for the City of Oakland to improve access to healthy food for all Oakland residents. Urban food production and is part of this vision. The UA Working Group should also coordinate with government agencies, non-profits, and community-based organizations. The OFPC's first action plan, *Transforming Oakland's Food System*, recommends that as a first step, the City should incorporate UA into the current zoning update. This includes:

- Adoption of Land Use Definitions and Operating Standards for civic and commercial UA developed by the OFPC's City Innovations Working Group
- Allowing civic UA in all zones
- Allowing commercial UA in commercial and formerly industrial areas where it was previously restricted

Each year, the OFPC will make new policy recommendations. Future UA policies should advocate for:

- Development of pilot urban farms on public land for food production, education, and job training
- Coordinated collaboration between UC Cooperative Extension and the Community Gardening Program to make gardening education more available to community members
- Integration of UA and local food system initiatives with ongoing federal and state "Green Jobs" programs
- Development of a network of urban "farm-to-institution" programs
- Inclusion of UA in the new Health Element of the General Plan

- Subsidized soil testing, compost delivery, and water for residential, civic, and commercial UA
- Promotion of short-term leases for farming on vacant private land awaiting development
- Creation of templates for a Memorandum of Understanding, Land Management Plans, lease agreements, and liability (similar to that sketched out in Appendix 4 of the Oakland Food System Assessment and reprinted in Appendix F of this report)
- Creation of a UA Coordinator position within the City of Oakland to help streamline the land acquisition process. Currently, acquiring public land is incredibly complicated; knowing who to talk to and how to proceed is a major obstacle to organizations hoping to use public land for UA. Since the majority of land identified for UA in this inventory belongs to Oakland Parks & Recreation, the Community Gardening program could possibly be expanded to serve this function

Community garden at San Antonio Park

To conclude, urban agriculture (UA) is only one of many elements necessary for a greener, more sustainable Oakland. It should not be viewed as *the* solution to bringing food justice to the flatlands; it is not a one-size-fits-all silver bullet or panacea. Rather, UA should be seen as part of the solution, a practical tool to enhance education, ecological sustainability, and food security. Nevertheless, its potential is enormous but remains largely untapped. A coordinated effort by non-profits, government agencies, and community-based organizations will be necessary to develop UA in Oakland to its full potential. Urban agriculture *must not replace public parks and open space*, rather it should be integrated into public spaces with respect to existing uses and needs. Community participation is essential in this regard. While the task may seem daunting, the seeds have been planted by a number of UA organizations, food justice advocates, and urban gardeners citywide. Cultivating the commons has already begun. Hundreds more acres await.

APPENDIX A: Land Locator

This section contains seven maps of vacant or underutilized publicly owned sites in Oakland and a corresponding list of parcels identified by this inventory. Sites shown on the maps are either individual parcels, or an aggregate of parcels that are within 25 feet of each other.

On each map, sites are organized by Council District and labeled with an index number (the first number is the Council District, followed by a hyphen). This number is listed in the "Site" column of the index and can be used to look up additional information about each site:

- **Open Area (Total)** – The total area of land without any vegetation in each aggregated site.
- **Owner/Agency** – The public agency or department that owns a given parcel. In some cases, an aggregated site may include parcels owned by different departments and/or agencies.
- **Use** – Current land use for each parcel. Data comes from Oakland Parks and Recreation and the Alameda County Tax Assessor. For some entries, use data may not have been available.
- **Address** – Addresses are listed for each parcel. In many cases the City of Oakland does not supply street numbers for each parcel address.
- **APN** – The Assessor Parcel Number (APN) is the tax identification number for a parcel.
- **Open Area (Parcel)** – The total area of land without any vegetation in each parcel.
- **Ground Cover** – The predominant type (>75%) of ground cover in the aggregated site. Sites with > 75% open land with little to no vegetation are labeled "Soil/Grass." Sites with > 75% cement, gravel, or asphalt, are labeled "Hard Surfaces." Sites that are evenly split between different ground covers are listed as "Mixed Surface." Sites with dense vegetation and/or trees are not included in this index; they are outlined in the agroforestry section of the report.
- **Slope (%)** - The average slope of each parcel.
- **Zoning** – Zoning codes can be found in Appendix D
- **Ag. Use** – Agricultural activities permitted under the site's current zoning with a conditional use permit from the City of Oakland. See Appendix D and Map 7.
- **Gen. Plan** – General Plan land use designations that may override current zoning are included in this column.
  - OS – Urban Open Space
  - EP – Estuary Plan Area
  - RC – Resource Conservation Area
- **H_20** – An "X" is placed in this column if there is an EBMUD water meter associated with at least one of the parcels in the site.
- **School** – An "X" is placed in this column if the site is within ¼ mile of a public school (OUSD).
- **Bus** - An "X" is placed in this column if the site is within ¼ mile of an AC Transit bus stop.

A black line in the index table separates individual sites, while specific parcels are separated only by line breaks. Multiple lines of text within the same site correspond to the parcels that comprise the aggregated site. Each site may be comprised of aggregated parcels; thus, there may be instances in which one site has multiple owners, APNs, addresses, etc.

Box 7: How to Use the Land Locator with Existing Online Databases

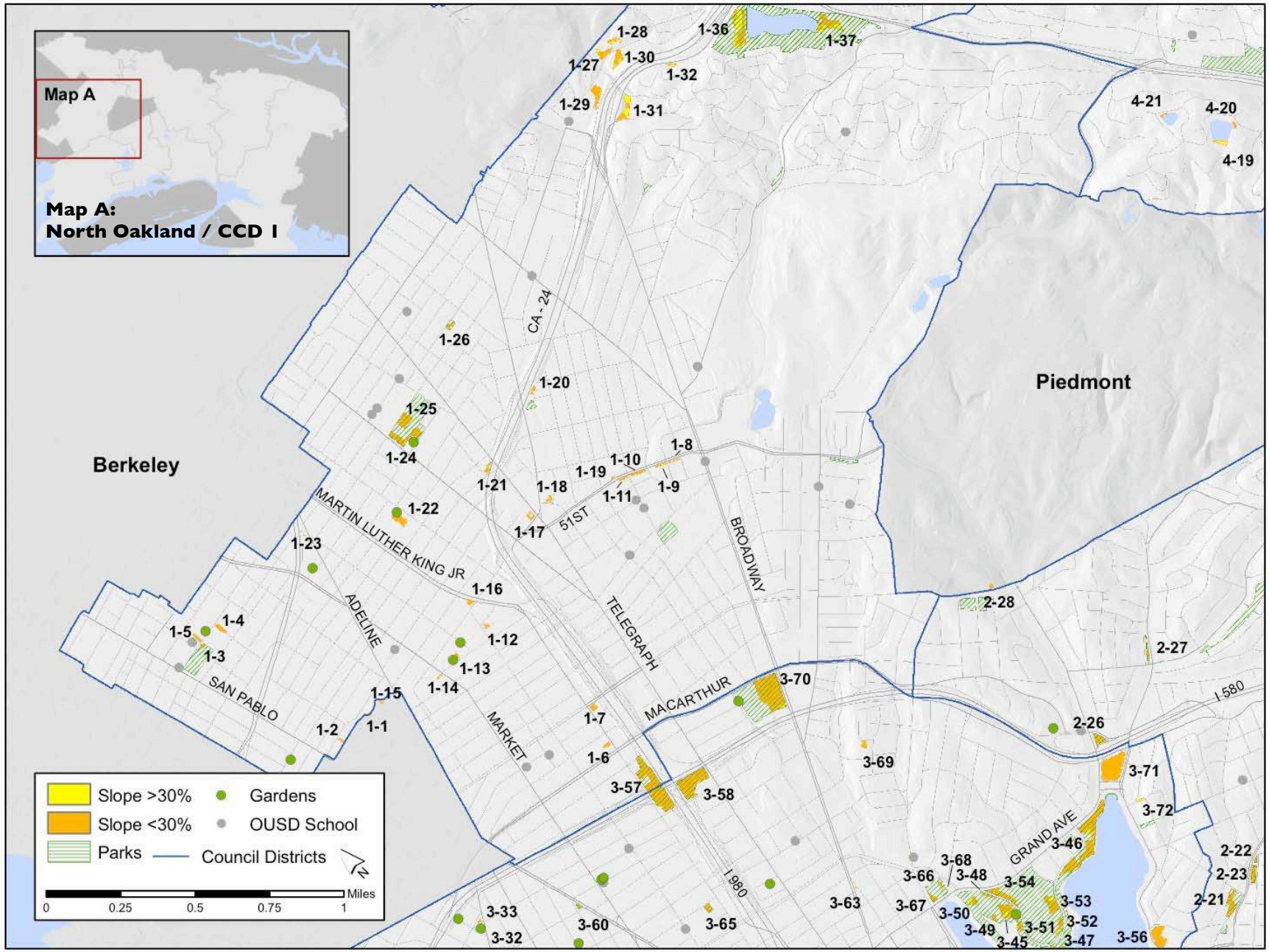
The Land Locator can be used in conjunction with the City of Oakland's General Plan & Zoning GIS interface and the Alameda County Tax Assessor Information website to gain visual and written parcel-specific information.

City of Oakland's General Plan & Zoning GIS Interface

1. Go to http://gismaps.oaklandnet.com/cedap/
2. Click "Search By: Parcel Number"
3. Enter the APN in the place provided. (Enter the APN exactly as it appears in the index, including the space after the first three digits and/or the capital letter after the first two digits.)

Alameda County Tax Assessor Information

1. Go to http://www.acgov.org/MS/prop/index.aspx
2. Use the street address to look up a parcel. Otherwise, enter the APN in the place provided. **Warning:** The search engine requires that you reformat the APN, a process that requires some trial and error! Enter the APN—include the capital letter after the first two digits and/or the space that may appear after the first three digits. Delete the first zero (0) that appears at the beginning of the APN. Insert a hyphen (-) after the first two digits or the first two digits and the capital letter. Delete the space, if there is one. Insert a hyphen (-) after the following three or four digits. Delete the zero (0). Insert a hyphen (-) before the last three or four digits. If the number ends in "00" delete both zeros. If last two digits of the number are not zeros, insert a hyphen (-) before them. If the last two digits are zero followed by a different number, replace the zero with a hyphen (-). If there the third number from the end is a zero, delete it. Example: 012096903000 becomes 12-969-30. 048A721000105 becomes 48A-7210-1-5.


Map A
Map A:
North Oakland / CCD 1
Berkeley
Piedmont
CA - 24
MARTIN LUTHER KING JR
ADELINE
SAN PABLO
TELEGRAPH
BROADWAY
MACARTHUR
MARKET
51ST
GRAND AVE
I 580
I 980
1-1
1-2
1-3
1-4
1-5
1-6
1-7
1-8
1-9
1-10
1-11
1-12
1-13
1-14
1-15
1-16
1-17
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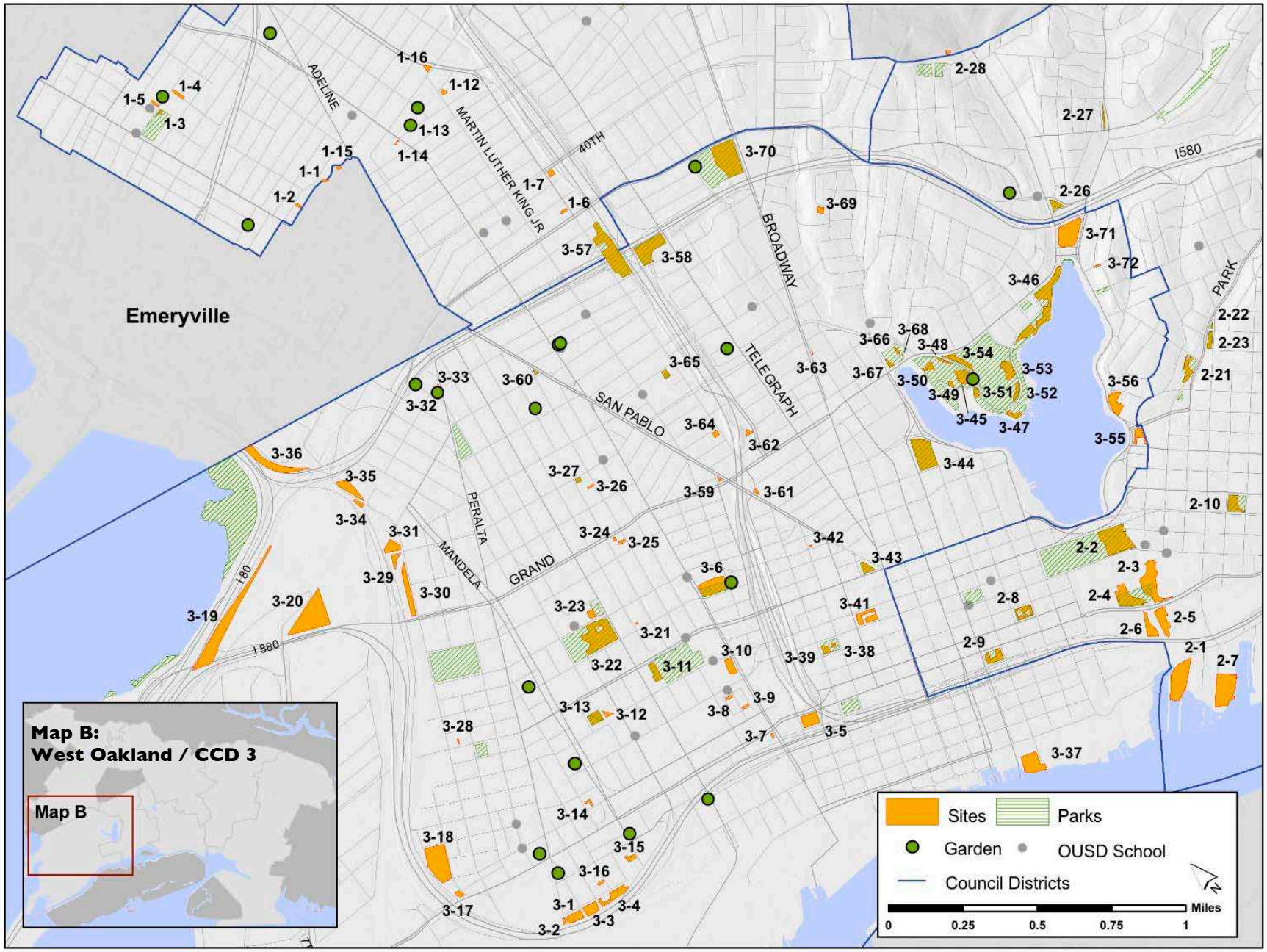
3-32
3-33
3-45
3-46
3-47
3-48
3-49
3-50
3-51
3-52
3-53
3-54
3-56
3-57
3-58
3-60
3-63
3-65
3-66
3-67
3-68
3-69
3-70
3-71
3-72
4-19
4-20
4-21
Slope >30%
Slope <30%
Parks
Gardens
OUSD School
Council Districts
N
Miles
0
0.25
0.5
0.75
1


Emeryville
ADELINE
MARTIN LUTHER KING JR
40TH
BROADWAY
TELEGRAPH
SAN PABLO
PERALTA
MANDELA
GRAND
PARK
I580
I80
I 880
1-1
1-2
1-3
1-4
1-5
1-6
1-7
1-12
1-13
1-14
1-15
1-16
2-1
2-2
2-3
2-4
2-5
2-6
2-7
2-8
2-9
2-10
2-21
2-22
2-23
2-26
2-27
2-28
3-1
3-2
3-3
3-4
3-5
3-6
3-7
3-8
3-9
3-10
3-11
3-12
3-13
3-14
3-15
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3-23
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3-33
3-34
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3-36
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3-39
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3-42
3-43
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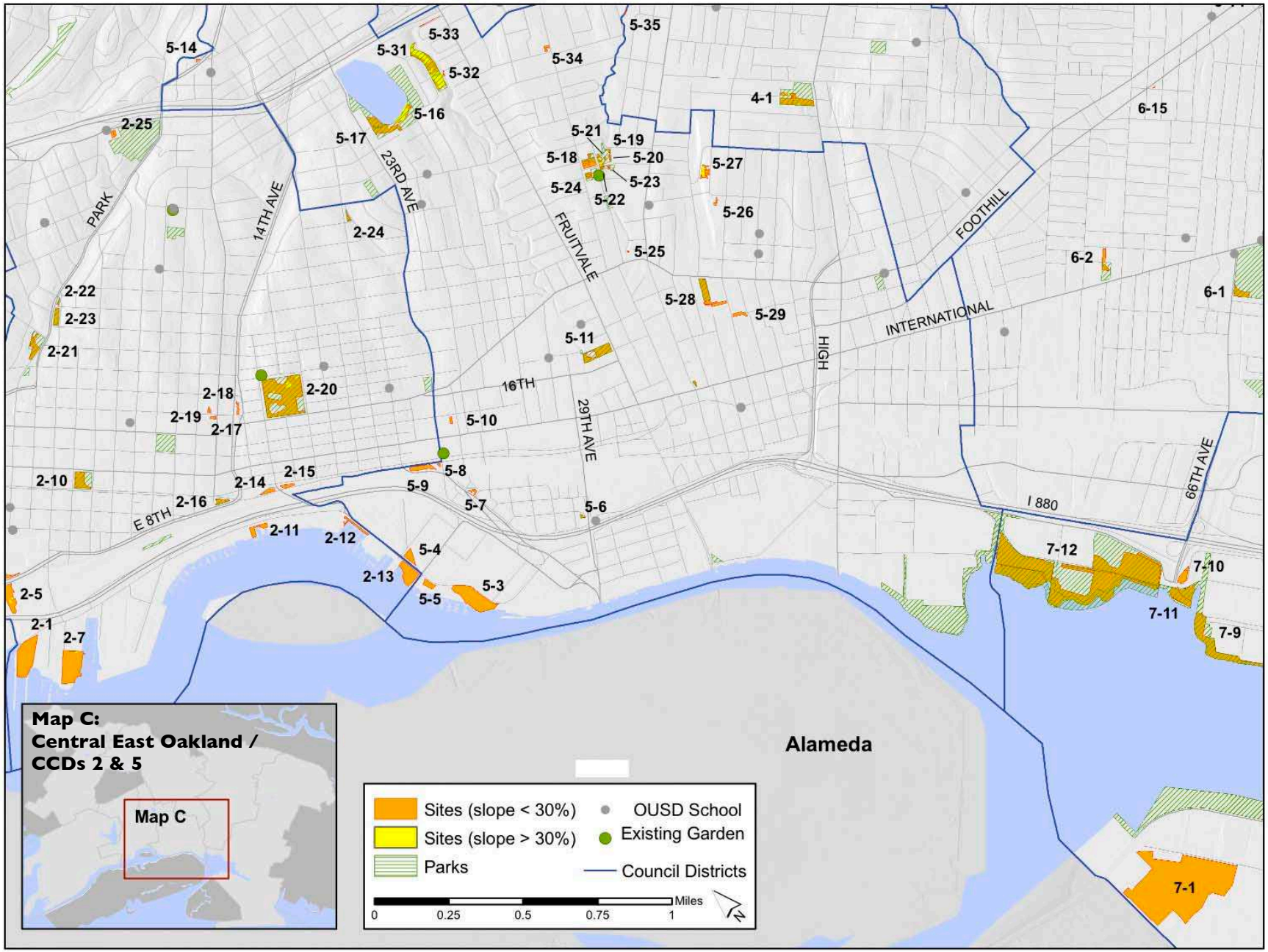
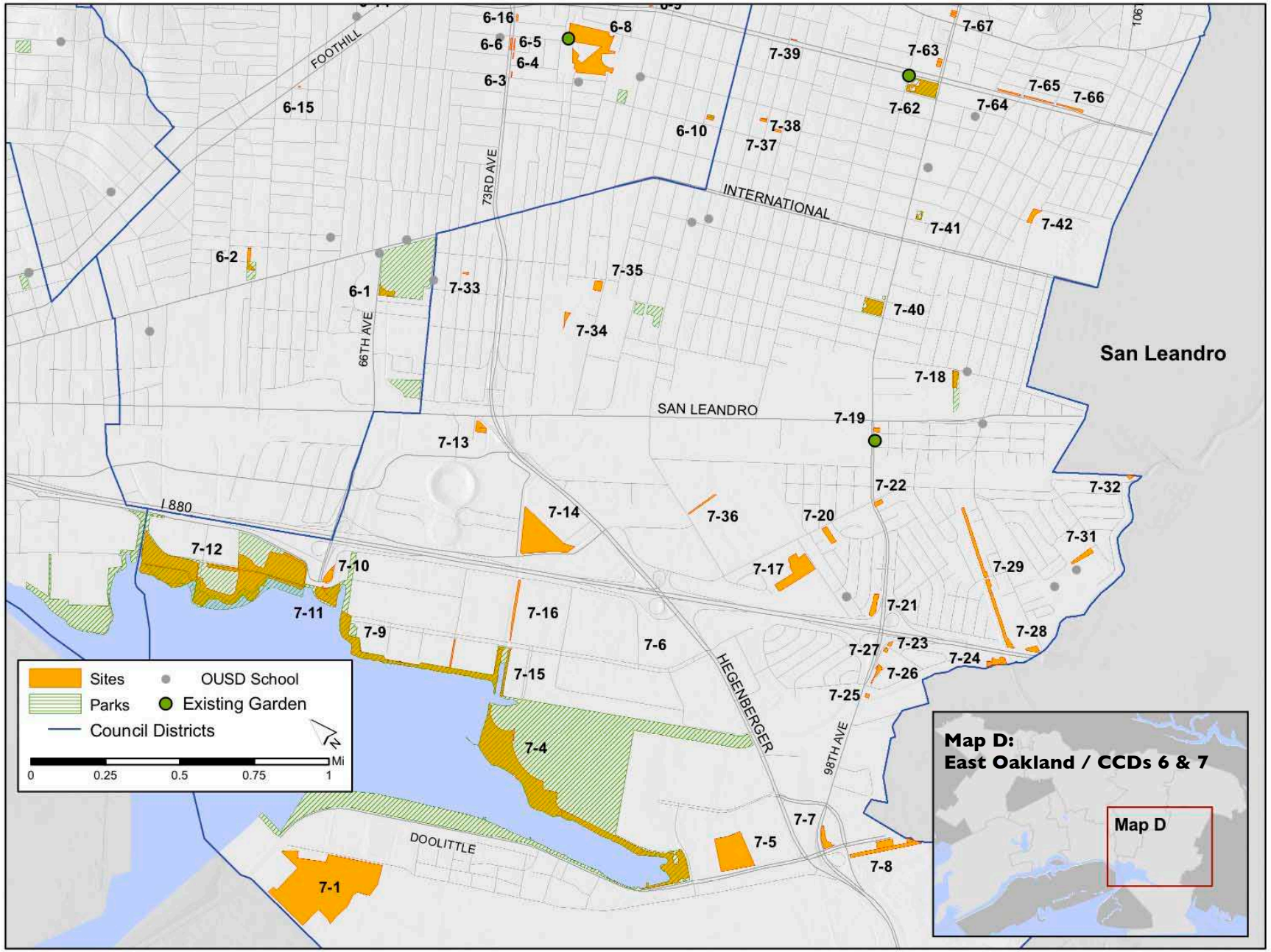
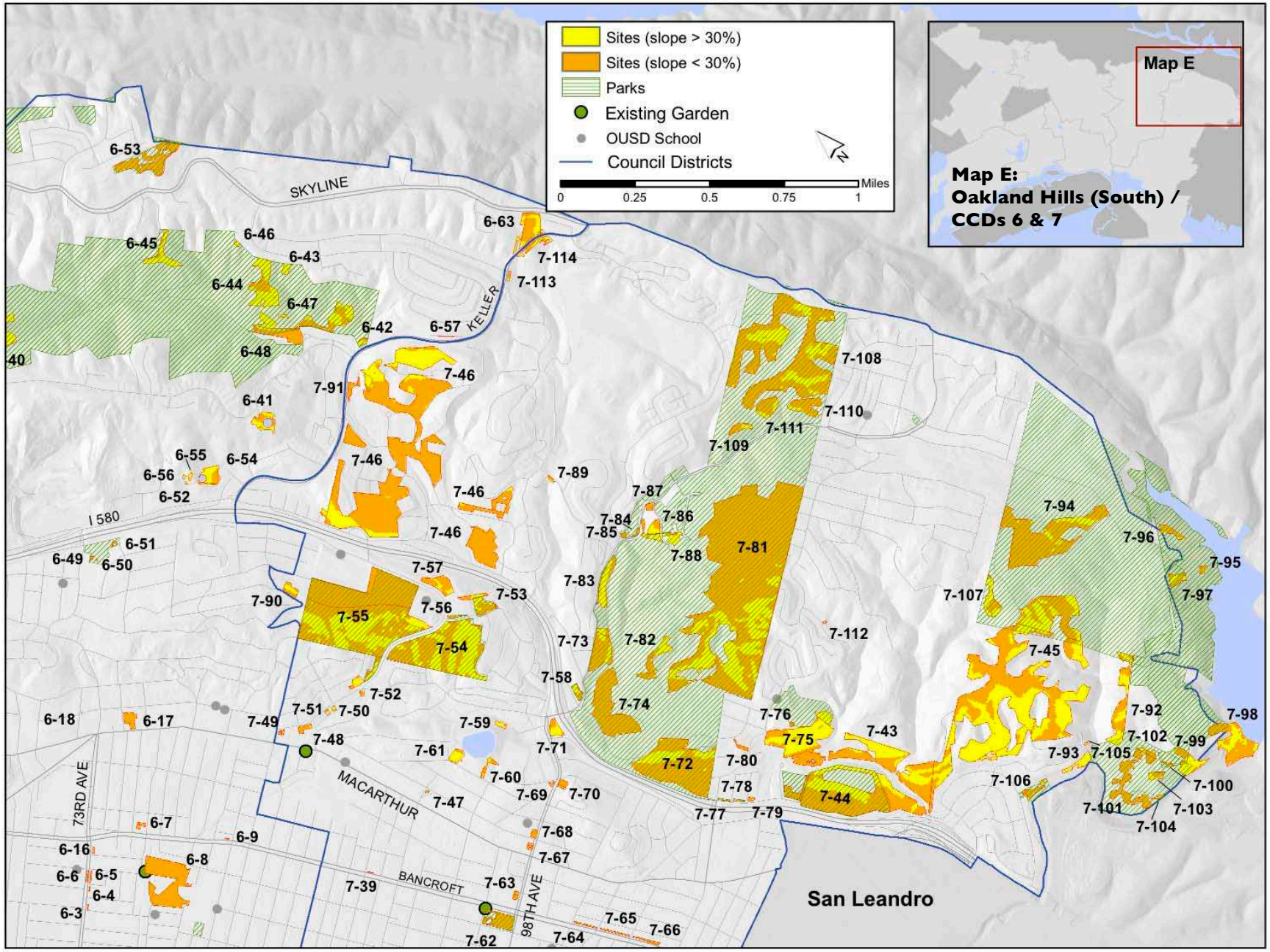
3-50
3-51
3-52
3-53
3-54
3-55
3-56
3-57
3-58
3-59
3-60
3-61
3-62
3-63
3-64
3-65
3-66
3-67
3-68
3-69
3-70
3-71
3-72
Map B:
West Oakland / CCD 3
Map B
Sites
Parks
Garden
OUSD School
Council Districts
N
Miles
0
0.25
0.5
0.75
1


5-14
5-33
5-31
5-32
5-35
5-34
4-1
6-15
2-25
5-16
5-17
23RD AVE
5-21
5-19
5-18
5-20
5-27
5-24
5-23
5-22
5-26
PARK
14TH AVE
2-24
FRUITVALE
FOOTHILL
5-25
6-2
2-22
2-23
2-21
5-28
5-29
6-1
INTERNATIONAL
5-11
HIGH
2-18
2-20
16TH
29TH AVE
2-19
2-17
5-10
66TH AVE
2-10
2-14
2-15
5-8
5-9
2-16
E 8TH
5-7
5-6
I 880
2-11
2-12
5-4
7-12
7-10
2-13
5-3
5-5
7-11
2-5
2-1
2-7
7-9
Map C:
Central East Oakland /
CCDs 2 & 5
Map C
Alameda
Sites (slope < 30%)
Sites (slope > 30%)
Parks
OUSD School
Existing Garden
Council Districts
Miles
0
0.25
0.5
0.75
1
7-1


6-16
6-8
6-6
6-5
6-4
6-3
6-15
6-10
7-39
7-67
7-63
7-65
7-66
7-62
7-64
7-38
7-37
FOOTHILL
73RD AVE
INTERNATIONAL
7-41
7-42
6-2
6-1
7-33
7-35
7-40
7-34
66TH AVE
San Leandro
7-18
SAN LEANDRO
7-19
7-13
7-22
7-32
I 880
7-14
7-36
7-20
7-31
7-12
7-10
7-17
7-29
7-11
7-16
7-21
7-9
7-6
7-28
7-27
7-23
7-24
7-15
7-26
HEGENBERGER
7-25
98TH AVE
7-4
7-7
7-5
DOOLITTLE
7-8
7-1
Sites
OUSD School
Parks
Existing Garden
Council Districts
N
0
0.25
0.5
0.75
1
Mi
Map D:
East Oakland / CCDs 6 & 7
Map D


Sites (slope > 30%)
Sites (slope < 30%)
Parks
Existing Garden
OUSD School
Council Districts
Miles
0
0.25
0.5
0.75
1
Map E
Map E:
Oakland Hills (South) /
CCDs 6 & 7
SKYLINE
KELLER
I 580
MACARTHUR
BANCROFT
73RD AVE
98TH AVE
San Leandro
6-53
6-45
6-46
6-43
6-44
6-47
6-42
6-57
6-48
6-41
6-63
7-114
7-113
7-46
7-91
6-55
6-54
6-56
6-52
6-51
6-49
6-50
7-89
7-87
7-84
7-86
7-85
7-88
7-81
7-83
7-57
7-53
7-90
7-56
7-55
7-54
7-73
7-82
7-58
7-74
7-52
7-51
7-50
7-49
7-48
7-59
7-61
7-71
7-72
7-60
7-69
7-70
7-47
7-68
7-67
7-63
7-39
7-62
7-64
7-65
7-66
6-18
6-17
6-7
6-9
6-16
6-8
6-6
6-5
6-4
6-3
7-108
7-110
7-111
7-109
7-94
7-96
7-95
7-97
7-107
7-112
7-45
7-43
7-76
7-75
7-80
7-78
7-77
7-79
7-44
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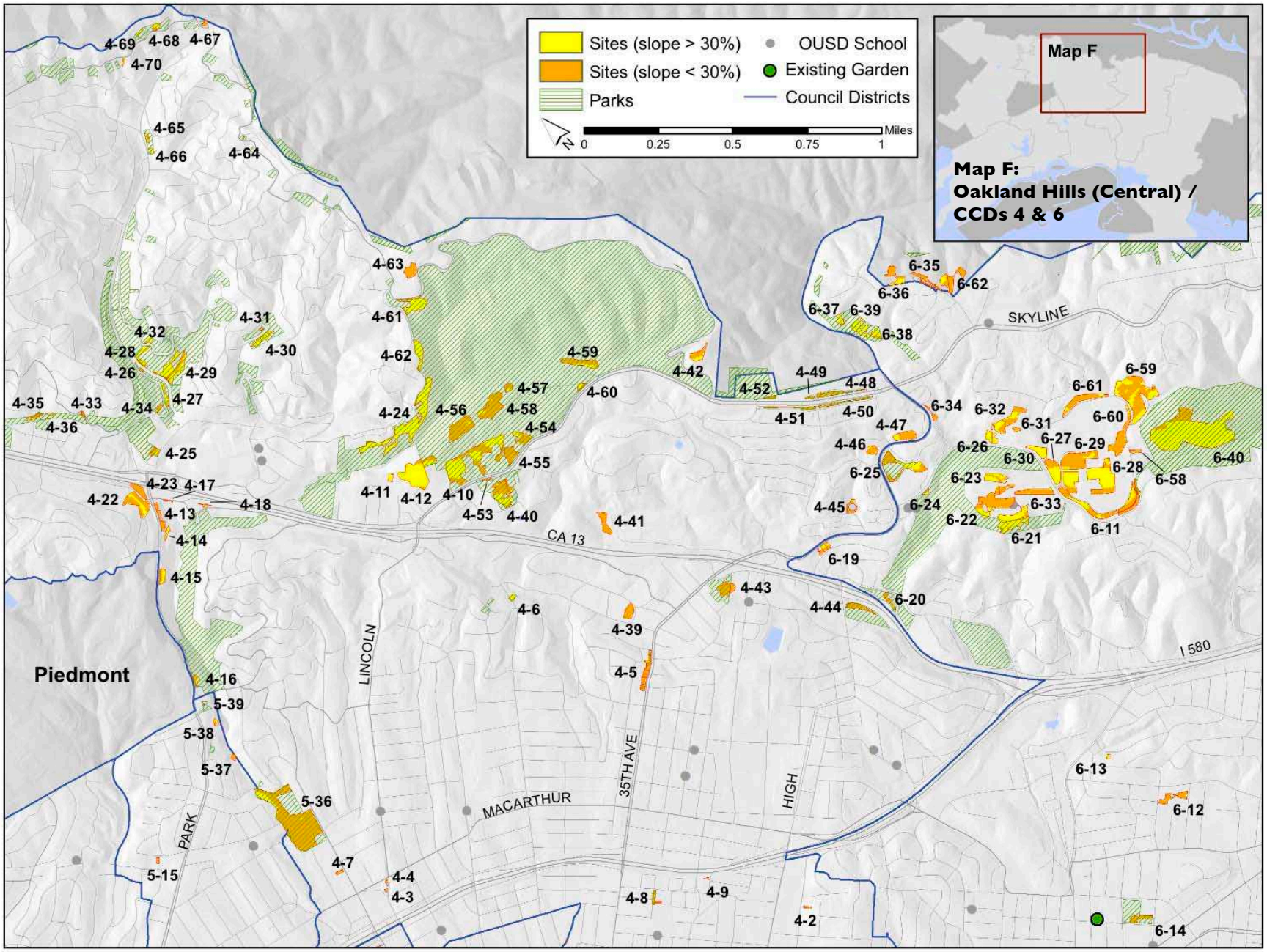
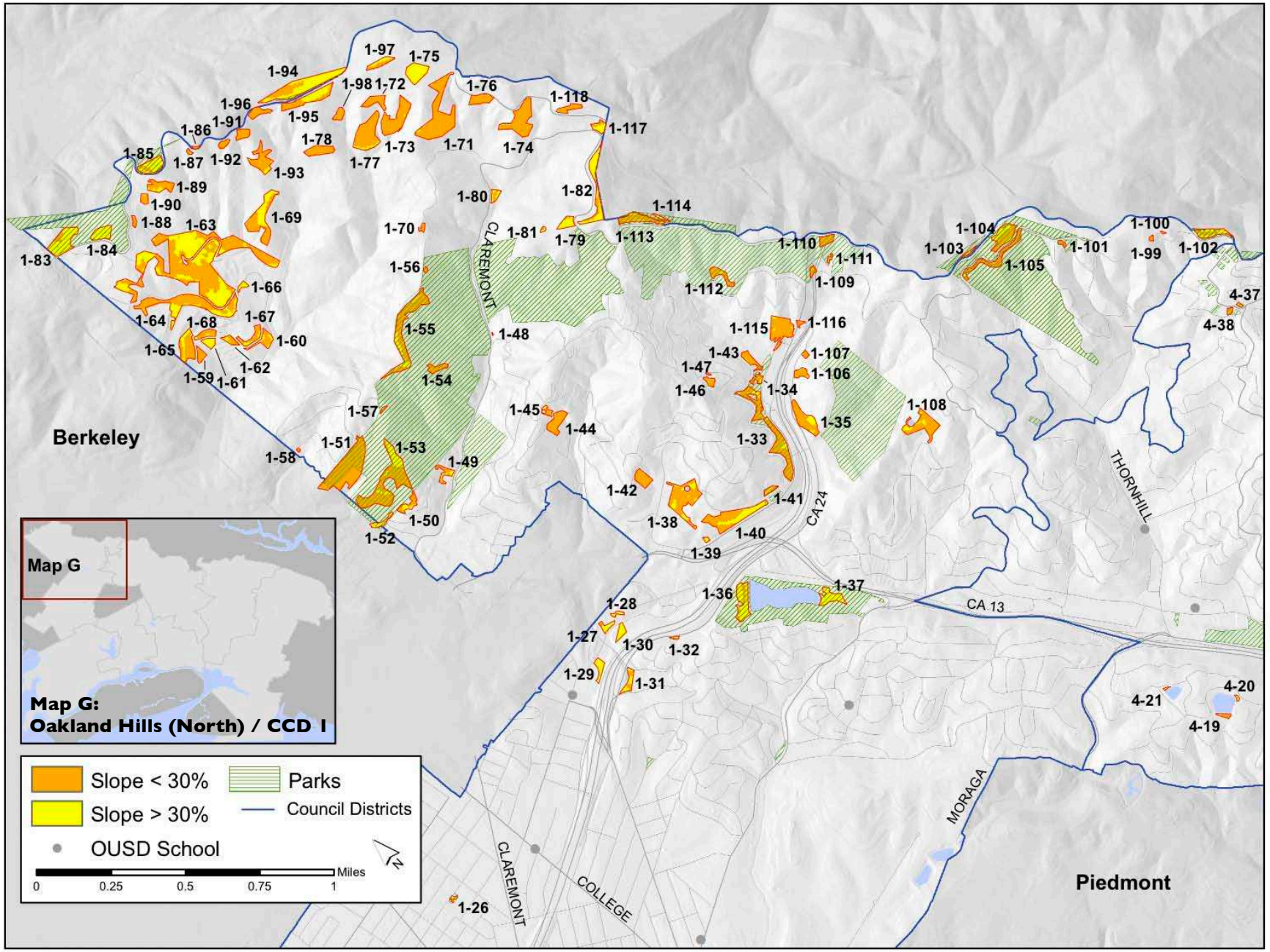
7-102
7-99
7-93
7-105
7-106
7-100
7-101
7-103
7-104


Sites (slope > 30%)
Sites (slope < 30%)
Parks
OUSD School
Existing Garden
Council Districts
Miles
0
0.25
0.5
0.75
1
Map F
Map F:
Oakland Hills (Central) /
CCDs 4 & 6
Piedmont
SKYLINE
CA 13
I 580
LINCOLN
MACARTHUR
35TH AVE
HIGH
PARK


Berkeley
Piedmont
CLAREMONT
COLLEGE
MORAGA
THORNHILL
CA 24
CA 13
Map G
Map G:
Oakland Hills (North) / CCD 1
Slope < 30%
Slope > 30%
OUSD School
Parks
Council Districts
Miles
0
0.25
0.5
0.75
1
1-97
1-75
1-94
1-98
1-72
1-76
1-118
1-96
1-95
1-117
1-86
1-91
1-78
1-73
1-71
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1-102
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1-109
1-112
4-37
1-66
1-115
1-116
4-38
1-64
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1-55
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1-47
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1-108
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1-32
1-29
1-31
4-20
4-21
4-19
1-26

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
1-1	3,968	0.09	Alameda Co. Flood Control		Adeline St.	94608	013 117501203	3,968	0.09	Soil/Grass	4	R-40 /S-18	1		X		X
1-2	4,180	0.10	Alameda Co. Flood Control		1071 53rd St.	94608	013 117601001	4,180	0.10	Soil/Grass	0	R-40 /S-18	1				X
1-3	5,633	0.13	Parks and Recreation	Golden Gate Rec Center	6124 San Pablo Ave.	94608	016 144204001	5,633	0.13	Soil/Grass	1	OS (NP) /S-18	1	OS	X		X
1-4	12,527	0.29	City of Oakland		62nd St.	94608	016 144206400	12,527	0.29	Soil/Grass	0	R-40 /S-18	1		X		X
1-5	6,561	0.15	Parks and Recreation	Community Garden	1068 62nd St.	94608	016 144402300	6,561	0.15	Soil/Grass	1	R-40 /S-18	1		X	X	X
1-6	5,881	0.14	City of Oakland		3823 M. L. King Jr. Way	94609	012 096400500	5,881	0.14	Soil/Grass	1	C-10	1		X		X
1-7	10,310	0.24	BART		3924 M. L. King Jr. Way	94609	012 096902900	5,500	0.13	Soil/Grass	2	C-30 /S-18	3		X	X	X
					645 40th St.		012 096903000	2,500	0.06		1						
					40th St.		012 096904102	2,310	0.05		0						
1-8	4,353	0.10	City of Oakland		Desmond St.	94618	013 113700302	2,137	0.05	Soil/Grass	4	R-35 /S-18	1		X		X
					Coronado Ave.		013 113702202	2,216	0.05								
1-9	4,839	0.11	City of Oakland		347 51st St.	94609	013 113702402	914	0.02	Soil/Grass	0	R-35 /S-18	1		X		X
					345 51st St.		013 113702503	1,476	0.03		9						
					Coronado Ave.		013 113702702	2,318	0.05		3						
1-10	8,905	0.20	City of Oakland		Lawton Ave.	94609	013 114002402	1,525	0.04	Soil/Grass	0	R-35 /S-18	1		X		X
					367 51st St.		013 114002504	934	0.02								
					51st St.		013 114002602	932	0.02								
					51st St.		013 114002704	968	0.02								
					51st St.		013 114002803	901	0.02								
					51st St.		013 114002904	1,238	0.03								
					355 51st St.		013 114003003	1,235	0.03								
					351 51st St.		013 114003101	1,171	0.03								
1-11	3,156	0.07	City of Oakland		5025 Lawton Ave.	94609	013 114102402	1,037	0.02	Soil/Grass	0	R-35 /S-18	1		X	X	X
					51st St.		013 114104704	632	0.01								
					51st St.		013 114104802	778	0.02								
					377 51st St.		013 114104904	703	0.02								
1-12	6,688	0.15	Alameda Co. Flood Control		4728 West St.	94608	013 116302201	2,520	0.06	Soil/Grass	0	R-40 /S-18	1				X
					4738 West St.		013 116302301	4,168	0.10		0						
1-13	8,774	0.20	Parks and Recreation	Community Garden	876 47th St.	94608	013 116900900	4,408	0.10	Soil/Grass	2	R-40 /S-18	1		X		X
					880 47th St.		013 116901000	4,366	0.10		1						
1-14	2,365	0.05	Alameda Co. Flood Control		4631 Market St.	94608	013 117000601	2,365	0.05	Soil/Grass	0	R-40 /S-18	1		X		X
1-15	4,292	0.10	Alameda Co. Flood Control		Adeline St.	94608	013 117501203	4,292	0.10	Soil/Grass	4	M-20 /S-18	1		X		X
1-16	8,572	0.20	City of Oakland		52nd St.	94608	014 120301700	8,572	0.20	Mixed Surface	0	R-40 /S-18	1				X
1-17	7,883	0.18	City of Oakland	Temescal Branch Library	5205 Telegraph Ave.	94609	014 121900300	7,883	0.18	Soil/Grass	2	R-70 /S-18	2				X
1-18	6,668	0.15	Alameda Co. Flood Control		Redondo Ave.	94618	014 122704400	6,668	0.15	Soil/Grass	0	OS (LP) /S-18	1				X
1-19	1,498	0.03	City of Oakland		386 51st St.	94609	014 123401802	679	0.02	Soil/Grass	3	R-35 /S-18	1		X		X
					388 51st St.		014 123401902	819	0.02								
1-20	6,188	0.14	State of California		Hudson St.	94618	014 125702202	6,188	0.14	Soil/Grass	1	OS (NP) /S-18	1				X
1-21	12,680	0.29	State of California		5619 Telegraph Ave.	94609	015 127700400	5,000	0.11	Soil/Grass	1	R-40 /S-18	1				X
					5600 Carberry Ave.		015 127700800	6,948	0.16		1						
					Carberry Ave.		015 127700901	122	0.00		0						
1-22	33,005	0.76	City of Oakland		Dover St.	94609	015 128102700	33,005	0.76	Soil/Grass	0	R-40 /S-18	1				X
1-23	1,371	0.03	City of Oakland		6031 Genoa St.	94608	015 134700102	1,371	0.03	Soil/Grass	0	R-30 /S-18	1				X
1-24	67,943	1.56	Parks and Recreation	Bushrod Park & Rec. Ctr.	Racine St.	94609	015 137400102	105,378	2.42	Soil/Grass	1	R-50 /S-18	1	OS	X	X	X
					570 59th St.		015 137401000	6,688	0.15			OS (CP) /S-18					
1-26	7,291	0.17	Parks and Recreation	Colby Park	61st St.	94608	016 139404900	7,291	0.17	Soil/Grass	2	OS (PMP) /S-18	1		X		X
1-27	24,447	0.56	Alameda Co. School Spdnt.		6929 Chabot Rd.	94618	048A708401304	24,447	0.56	Soil/Grass	9	R-30/S-14/S-18	1		X		X
1-28	12,345	0.28	BART		Chabot Rd.	94618	048A708501613	12,345	0.28	Soil/Grass	15	R-30/S-14/S-18	1				X
1-29	37,411	0.86	City of Oakland		Chabot Rd.	94618	048A709300301	37,411	0.86	Soil/Grass	4	OS (NP) /S-18	1		X		X
1-30	30,263	0.69	BART		Chabot Rd.	94618	048A720000202	30,263	0.69	Mixed Surface	5	R-30/S-14/S-18	1		X	X	X
1-31	44,324	1.02	EBMUD		Golden Gate Ave.	94618	048A720000402	44,324	1.02	Soil/Grass	14	R-30/S-14/S-18	1		X		X
1-32	6,218	0.14	State of California		Broadway	94618	048A721000105	6,218	0.14	Soil/Grass	12	OS (RSP)/S-14/S-18	1				X
1-33	252,881	5.81	Parks and Recreation	Gateway Gardens	Tunnel Rd.	94603	048H752001401	10,849	0.25	Soil/Grass	26	OS (SU)/S-10/S-14/S-18	1				X
					Tunnel Rd.		048H752001402	59,295	1.36		29	OS (SU)/S-14/S-18					
					158 Caldecott Ln.		048H752001913	57,418	1.32		25	OS (SU)/S-14/S-18					
					Tunnel Rd.		048H752600700	124,577	2.86		25	R-10/S-10/S-14/S-18					
1-34	22,820	0.52	Parks and Recreation	Gateway Gardens	Tunnel Rd.	94603	048H752001402	12,690	0.29	Soil/Grass	29	OS (SU)/S-14/S-18	1				X
					158 Caldecott Ln.		048H752001913	9,326	0.21		25	OS (SU)/S-10/S-14/S-18					
1-35	121,843	2.80	State of California		Tunnel Rd.	94611	048H752600203	121,843	2.80	Soil/Grass	24	R-10/S-10/S-14/S-18	1				X
1-36	120,030	2.76	East Bay Regional Parks		Broadway Ter.	94603	048H753000300	120,030	2.76	Soil/Grass	9	OS (RCA)/S-14/S-18	1	OS			X
1-37	76,427	1.75	East Bay Regional Parks		Broadway Ter.	94603	048H753000300	76,427	1.75	Soil/Grass	9	OS (RCA)/S-14/S-18	1	OS		X	X
1-38	226,877	5.21	OUSD		Hiller Dr.	94603	048H758600100	87,408	2.01	Soil/Grass	22	R-30/S-14/S-18	1				X
			EBMUD		100 Hiller Dr.	94618	048H758600200	139,449	3.20								

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
1-39	7,788	0.18	State of California	Gateway Gardens	Frontage Rd.	94618	048H758600700	7,788	0.18	Soil/Grass	20	R-30/S-10/S-14/S-18	1				X
1-40	215,128	4.94	State of California Parks and Recreation	Gateway Gardens	Frontage Rd.	94618 94603	048H758600700 048H759000100	210,614 4,058	4.84 0.09	Soil/Grass	20 8	R-30/S-10/S-14/S-18	1				X
1-41	18,928	0.43	Parks and Recreation	Gateway Gardens	Hiller Dr.	94603	048H759000300	18,928	0.43	Soil/Grass	23	R-30/S-10/S-14/S-18	1				
1-42	60,769	1.40	Parks and Recreation		Grand View Dr.	94603	048H760201200 048H760201300 048H760201400 048H760201500	14,908 15,095 15,851 14,916	0.34 0.35 0.36 0.34	Soil/Grass	30 32 29 30	R-30/S-14/S-18	1				X
1-43	44,529	1.02	Parks and Recreation EBMUD Parks and Recreation	Gateway Gardens	Tunnel Rd. Tunnel Rd. 320 Caldecott Ln.	94603 94603 94618	048H752001402 048H752001500 048H752005600	889 1,046 42,112	0.02 0.02 0.97	Soil/Grass	29 32 31	OS (SU)/S-14/S-18 OS (SU)/S-10/S-14/S-18 OS (SU)/S-10/S-14/S-18	1				X
1-44	77,848	1.79	Parks and Recreation		Gravatt Dr.	94603	048H760605103 048H760605104	23,489 54,331	0.54 1.25	Soil/Grass	27 31	R-30/S-14/S-18	1				
1-45	17,417	0.40	EBMUD		1076 Amito Ave. Amito Ave.	94705 94603	048H761201600 048H761201700	7,577 9,773	0.17 0.22	Soil/Grass	20 29	R-30/S-14/S-18	1				
1-46	22,454	0.52	EBMUD		Bristol Dr. Bristol Dr. 6855 Sherwick Dr. Bristol Dr. Sherwick Dr. Sherwick Dr. Sherwick Dr.	94603 94603 94705 94603 94603 94603 94603	048H761900800 048H761900900 048H761901000 048H761901100 048H761901400 048H761901400 048H761902101	5,893 6,316 4,808 1,769 12 2,601 616	0.14 0.14 0.11 0.04 0.00 0.06 0.01	Soil/Grass	21 22 23 22 18 18 18	R-30/S-14/S-18	1				X
1-47	1,953	0.04 0.04	EBMUD EBMUD		6855 Sherwick Dr. Bristol Dr.	94705 94603	048H761901000 048H761901100	941 770	0.02 0.02	Soil/Grass Soil/Grass	23 22	R-30/S-14/S-18 R-30/S-14/S-18	1 1			X	X X
1-48	896	0.02	Parks and Recreation		1395 Alvarado Rd.	94603	048H765400101	896	0.02	Soil/Grass	17	R-30/S-14/S-18	1				
1-49	38,366	0.88	EBMUD		Claremont Ave. 7441 Claremont Ave.	94603 94705	048H767200502 048H767200600	27,891 10,182	0.64 0.23	Soil/Grass	23 20	R-30 /S-18	1				
1-50	47,485	1.09	EBMUD		Stonewall Rd.	94603	048H767303600	47,485	1.09	Soil/Grass	20	R-30 /S-18	1	RC			X
1-51	355,044	8.15	Univ. of California Regents East Bay Regional Parks East Bay Regional Parks		W. MacArthur Blvd. Claremont Ave. Panoramic Way	94705	048H769000500 048H769000901 048H769900200	93,002 255,223 3,475	2.14 5.86 0.08	Soil/Grass	28 24 30	R-10 OS (RCA) R-20/S-4/S-18	1 1 1	RC RC			X
1-52	28,493	0.65	East Bay Regional Parks		Claremont Ave.	94705	048H769000901	28,493	0.65	Soil/Grass	24	OS (RCA)	1	RC			X
1-53	352,798	8.10	East Bay Regional Parks		Claremont Ave.	94705	048H769000901	352,798	8.10	Soil/Grass	24	OS (RCA)	1	RC			X
1-54	34,741	0.80	East Bay Regional Parks		Cox Way	94705	048H769503701	34,741	0.80	Soil/Grass	25	OS (RCA) /S-18	1	RC			
1-55	255,676	5.87	East Bay Regional Parks		Panoramic Way	94705	048H769600100 048H769600200 048H769600300 048H769600400 048H769601401 048H769603301 048H769605102	3,385 2,720 3,516 2,011 29,536 119,247 95,262	0.08 0.06 0.08 0.05 0.68 2.74 2.19	Soil/Grass	13 17 14 23 16 19 23	OS (RCA)/S-4/S-18 OS (RCA)/S-4/S-18 OS (RCA)/S-4/S-18 OS (RCA)/S-4/S-18 OS (RCA)/S-4/S-18 OS (RCA)/S-4/S-18 OS (RCA) /S-18	1	RC			
1-56	5,958	0.14	East Bay Regional Parks		Panoramic Way	94705	048H769605401	5,958	0.14	Soil/Grass	31	OS (RCA) /S-18	1	RC			
1-57	6,685	0.15	East Bay Regional Parks		Panoramic Way	94705	048H769706801	6,685	0.15	Soil/Grass	22	OS (RCA) /S-18	1	RC			
1-58	2,851	0.07	City of Oakland		3315 Dwight Way	94704	048H770100200	2,851	0.07	Soil/Grass	25	R-20/S-4/S-18	1				
1-59	26,779	0.61	Univ. of California Regents		Spring Ave.	94704	048H775303901	26,779	0.61	Soil/Grass	18	R-10 /S-18	1				
1-60	55,119	1.27	Univ. of California Regents		Spring Ave.	94704	048H775303901	46,331 8,117	1.06 0.19	Soil/Grass	18	R-10 /S-18	1	RC			
1-61	30,006	0.69	Univ. of California Regents		Spring Ave.	94704	048H775303901	30,006	0.69	Soil/Grass	18	R-10 /S-18	1				
1-62	27,342	0.63	Univ. of California Regents		Spring Ave.	94704	048H775303901	27,342	0.63	Soil/Grass	18	R-10 /S-18	1	RC			
1-63	1,314,252	30.17	Univ. of California Regents		Bailey Ave. Grizzly Peak Blvd.	94704	048H775502901 048H780000201	87,871 1,188,962	2.02 27.29	Soil/Grass	17 21	R-10 /S-18 R-10/S-10/S-18	1	RC			X
1-64	315,745	7.25	Univ. of California Regents		Bailey Ave. Grizzly Peak Blvd.	94704	048H775502901 048H780000201	92,797 223,283	2.13 5.13	Soil/Grass	17 21	R-10 /S-18 R-20	1	RC			X
1-65	117,508	2.70	Univ. of California Regents		Bailey Ave.	94704	048H775502901	31,234 76,469	0.72 1.76	Soil/Grass	17	R-20	1				
1-66	16,204	0.37	Univ. of California Regents		Bailey Ave.	94704	048H775502901	16,204	0.37	Soil/Grass	17	R-10 /S-18	1	RC			
1-67	51,324	1.18	Univ. of California Regents		Bailey Ave.	94704	048H775502901 048H775601701	20,147 31,152	0.46 0.72	Soil/Grass	17 19	R-10 /S-18	1	RC			
1-68	39,292	0.90	Univ. of California Regents		Bailey Ave.	94704	048H775601701	39,292	0.90	Soil/Grass	19	R-10 /S-18	1				
1-69	196,712	4.52	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	196,712	4.52	Soil/Grass	21	R-10/S-10/S-18	1	RC			
1-70	11,718	0.27	EBMUD		Panoramic Way	94704	048H790000203	11,718	0.27	Soil/Grass	27	R-10 /S-18	1	RC			
1-71	316,875	7.27	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	316,875	7.27	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-72	57,056	1.31	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	57,056	1.31	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-73	168,349	3.86	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204 048H790000206	40,643 127,113	0.93 2.92	Soil/Grass	26 31	R-10/S-10/S-18	1	RC			

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1-74	188,776	4.33	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	188,776	4.33	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-75	98,067	2.25	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	98,067	2.25	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-76	59,583	1.37	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	59,583	1.37	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-77	195,266	4.48	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000206	195,266	4.48	Soil/Grass	31	R-10/S-10/S-18	1	RC			
1-78	68,874	1.58	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000206	68,874	1.58	Soil/Grass	31	R-10/S-10/S-18	1	RC			
1-79	42,719	0.98	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000401	42,719	0.98	Soil/Grass	12	R-30/S-11/S-14/S-18	1			X	
1-80	27,726	0.64	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000401	27,726	0.64	Soil/Grass	12	R-30/S-11/S-14/S-18	1	RC			
1-81	7,017	0.16	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000401	7,017	0.16	Soil/Grass	12	R-30/S-11/S-14/S-18	1				
1-82	134,303	3.08	EBMUD		Grizzly Peak Blvd.	94704	048H790000402	134,303	3.08	Soil/Grass	12	R-10/S-10/S-11/S-18	1	RC			
1-83	149,661	3.44	East Bay Regional Parks		Grizzly Peak Blvd.	94704	048H780000102	149,661	3.44	Soil/Grass	11	R-10/S-10	1	RC			X
1-84	66,930	1.54	East Bay Regional Parks		Grizzly Peak Blvd.	94704	048H780000102	66,930	1.54	Soil/Grass	11	R-10/S-10	1	RC			X
1-85	91,037	2.09	East Bay Regional Parks		Grizzly Peak Blvd.	94704	048H780000103	91,037	2.09	Soil/Grass	13	OS (RCA)/S-10/S-18	1	RC			
1-86	4,698	0.11	EBMUD		Grizzly Peak Blvd.	94704	048H780000105	4,698	0.11	Soil/Grass	23	OS (RCA)/S-10/S-18	1	RC			
1-87	6,541	0.15	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	6,541	0.15	Soil/Grass	21	R-10/S-10/S-18	1	RC			
1-88	11,988	0.28	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	11,988	0.28	Soil/Grass	21	R-10/S-10/S-18	1	RC			X
1-89	73,305	1.68	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	73,305	1.68	Soil/Grass	21	R-10/S-10/S-18	1	RC			
1-90	21,058	0.48	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	21,058	0.48	Soil/Grass	21	R-10/S-10/S-18	1	RC			
1-91	37,317	0.86	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	37,317	0.86	Soil/Grass	21	R-10/S-10/S-18	1	RC			
1-92	19,601	0.45	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	19,601	0.45	Soil/Grass	21	R-10/S-10/S-18	1	RC			
1-93	106,941	2.46	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H780000201	106,941	2.46	Soil/Grass	21	R-10/S-10/S-18	1	RC			
1-94	265,229	6.09	East Bay Regional Parks		Grizzly Peak Blvd.	94704	048H790000100	265,229	6.09	Soil/Grass	12	OS (RCA) /S-18	1	RC			
1-95	134,378	3.08	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	134,378	3.08	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-96	42,672	0.98	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	42,672	0.98	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-97	46,777	1.07	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	46,777	1.07	Soil/Grass	26	R-10/S-10/S-18	1				
1-98	29,581	0.68	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000206	29,581	0.68	Soil/Grass	31	R-10/S-10/S-18	1	RC			
1-99	6,423	0.15	EBMUD		Elverton Dr.	94603	048G744902300	6,423	0.15	Soil/Grass	28	R-30/S-11	1				
1-100	2,505	0.06	EBMUD		Elverton Dr.	94603	048G744902300	2,505	0.06	Soil/Grass	28	R-30/S-11	1				
1-101	8,592	0.20	Parks and Recreation	Open space	Skyline Blvd.	94603	048G745002301	8,592	0.20	Soil/Grass	28	R-30/S-11	1				
1-102	68,796	1.58	East Bay Regional Parks		6998 Skyline Blvd. 7090 Skyline Blvd.	94611	048G745400100 048G745400200	40,319 28,336	0.93 0.65	Soil/Grass	14 13	OS (RCA)/S-10/S-11 R-30/S-10/S-11	1				
1-103	9,370	0.22	East Bay Regional Parks		Grizzly Peak Blvd.	94603	048G746500200	9,393	0.22	Soil/Grass	11	OS (RCA)/S-10/S-11	1	RC			X
1-104	110,934	2.55	East Bay Regional Parks		Skyline Blvd.	94603	048G746500300 048G746500300	6,470 104,463	0.15 2.40	Soil/Grass	20	R-30/S-10/S-11	1	RC			
1-105	102,438	2.35	East Bay Regional Parks		Skyline Blvd.	94603	048G746500400	102,438	2.35	Soil/Grass	28	R-30/S-11	1	RC			X
1-106	33,248	0.76	State of California		Broadway	94603	048H752200100	33,248	0.76	Soil/Grass	20	R-10/S-11/S-14/S-18	1				X
1-107	10,097	0.23	State of California		Broadway	94603	048H752200100	10,097	0.23	Soil/Grass	20	R-10/S-11/S-14/S-18	1				X
1-108	147,986	3.40	EBMUD		Fairlane Dr.	94603	048H756601000	147,986	3.40	Soil/Grass	23	R-30/S-14/S-18	1			X	X
1-109	14,136	0.32	Parks and Recreation	Grizzly Peak Open Space	Grizzly Peak Blvd.	94603	048H751000100	14,136	0.32	Soil/Grass	31	R-30/S-10/S-11/S-14/	1				X
1-110	36,421	0.84	Parks and Recreation	Grizzly Peak Open Space	Grizzly Peak Blvd.	94603	048H751000303	36,421	0.84	Soil/Grass	31	OS (RCA)/S-10/S-11/S-14	1	RC			X
1-111	7,900	0.18	Parks and Recreation	Grizzly Peak Open Space	Tunnel Rd.	94603	048H751000301	3,295	0.08	Soil/Grass	22	OS (RCA)/S-10/S-11/S-14	1	RC			X
1-111	7,900	0.18	Parks and Recreation	Grizzly Peak Open Space	Old Tunnel Rd.	94603	048H751000304	4,471	0.10	Soil/Grass	26	OS (RCA)/S-10/S-11/S-14	1	RC			X
1-112	50,723	1.16	Parks and Recreation	Grizzly Peak Open Space	Tunnel Rd.	94603	048H751200904	50,723	1.16	Soil/Grass	23	OS (RCA)/S-10/S-11/S-14	1	RC			
1-113	83,202	1.91	East Bay Regional Parks		5172 Grizzly Peak Blvd.	94603	048H751300200	83,202	1.91	Soil/Grass	26	OS (RCA)/S-10/S-11/S-18	1				
1-114	9,103	0.21	East Bay Regional Parks		Grizzly Peak Blvd.	94603	048H751300300	9,103	0.21	Soil/Grass	14	OS (RCA)/S-11/S-18	1				
1-115	150,759	3.46	State of California		Frontage Rd.	94618	048H752002000	130,402	2.99	Soil/Grass	25	R-40/S-11/S-14/S-18	1				X
1-115	150,759	3.46	State of California		Frontage Rd.	94618	048H752002102	20,342	0.47	Soil/Grass	26	R-30/S-14/S-18	1				X
1-116	9,899	0.23	State of California		Frontage Rd.	94618	048H752002102	9,899	0.23	Soil/Grass	26	R-30/S-14/S-18	1				X
1-117	37,362	0.86	Univ. of California Regents		Grizzly Peak Blvd.	94704	048H790000204	37,362	0.86	Soil/Grass	26	R-10/S-10/S-18	1	RC			
1-118	37,266	0.86	EBMUD		Grizzly Peak Blvd.	94704	048H790000304	37,266	0.86	Soil/Grass	35	R-10 /S-18	1	RC			
2-1	177,792	4.08	City of Oakland		1 5th Ave.	94606	000O043000102	177,792	4.08	Hard Surface	2	M-40	4	OS			
2-2	206,446	4.74	Parks and Recreation	Oakland Museum	1000 Oak St.	94607	000O045000100	206,446	4.74	Soil/Grass	3	OS (RCA)/S-4	1	OS	X	X	X
2-3	156,916	3.60	Peralta Comm. College BART BART BART Peralta Comm. College Peralta Comm. College Peralta Comm. College		900 Fallon St. 7th St. 7th St. 7th St. 7th St. 7th St. 7th St.	94607	000O045000200 000O045500101 000O045500103 000O045500107 000O045500805 000O045501200 000O045501300	41,272 1,597 2,636 450 29,564 32,440 47,816	0.95 0.04 0.06 0.01 0.68 0.74 1.10	Soil/Grass	5 0 4 0 2 2 3	OS (LP)/S-4 OS (RCA)/S-4 OS (RCA)/S-4 OS (RCA)/S-4 OS (LP)/S-4 OS (LP)/S-4 OS (LP)/S-4	1	OS	X		X
2-4	106,976	2.46	Peralta Comm. College	Channel Park	7th St.	94607	000O045500700 000O045501300	11,540 95,436	0.26 2.19	Soil/Grass	3	OS (LP)/S-4	1	OS	X	X	X
2-5	73,602	1.69	Peralta Comm. College		5th Ave.	94607	000O045501500	73,602	1.69	Soil/Grass	2	OS (LP)/S-4	1	OS	X	X	X
2-6	49,648	1.14	Peralta Comm. College		5th Ave.	94607	000O045501500	49,648	1.14	Soil/Grass	2	OS (RCA)/S-4	1	OS	X		X
2-7	183,194	4.21	City of Oakland		28 5th Ave.	94606	000O046000300	183,194	4.21	Hard Surface	3	M-40	4	OS			
2-8	37,601	0.86	Parks and Recreation	Maddison Square	163 9th St.	94607	001 017700100	37,601	0.86	Soil/Grass	0	OS (SU)/S-4	1	OS	X		X
2-9	44,151	1.01	Parks and Recreation	Harrison Square Park	640 Harrison St.	94607	001 018300100	44,151	1.01	Soil/Grass	4	C-40	1	OS	X		X

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2-10	54,567	1.25	Parks and Recreation	Clinton Park	655 E. 14th St.	94606	020 012300100	54,567	1.25	Soil/Grass	1	OS (NP)	1	OS	X		X
2-11	26,729	0.61	City of Oakland		1551 Embarcadero	94606	000O048000300	26,729	0.61	Mixed Surface	2	M-40	4	OS			X
2-12	17,581	0.40	City of Oakland		1831 Embarcadero	94606	000O049500100	17,581	0.40	Soil/Grass	2	M-40	4	OS			X
2-13	78,826	1.81	City of Oakland		1965 Embarcadero	94606	000O050000100	78,826	1.81	Hard Surface	1	M-40	4	OS			
2-14	12,405	0.28	City of Oakland		E. 12th St.	94608	019 004100102	12,405	0.28	Soil/Grass	3	M-30	4				X
2-15	10,954	0.25	BART		1631 E. 12th St.	94606	019 004200102	10,954	0.25	Soil/Grass	3	M-30	4				X
2-16	14,573	0.33	Parks and Recreation	Port View Park	1319 E. 14th St. 1341 E. 12th St.	94606	019 003900204 019 003900403	11,870 2,703	0.27 0.06	Soil/Grass	4	OS (PMP)	1			X	X
2-17	4,000	0.09	Housing Authority		1643 13th Av.	94606	020 019300600	4,000	0.09	Hard Surface	1	R-40	1				X
2-18	6,572	0.15	City of Oakland		15th Ave.	94608	020 019500100	6,572	0.15	Soil/Grass	1	C-20	1				X
2-19	4,975	0.11	Housing Authority		1232 E. 29th St. 1228 E. 29th St.	94606	020 021401300 020 021401400	1,925 2,675	0.04 0.06	Hard Surface	1 2	R-40	1				X
2-20	341,571	7.84	Parks and Recreation	San Antonio Park	16th Ave.	94606	020 029500100	341,571	7.84	Soil/Grass	5	R-36	1	OS	X		X
2-21	39,101	0.90	Parks and Recreation	F. M. Smith Rec. Ctr.	267 Newton Ave. Park Blvd.	94606 94608	021 022900300 021 022900505	5,174 33,928	0.12 0.78	Soil/Grass	2	OS (NP)/S-12	1	OS			X
2-22	2,795	0.06	Parks and Recreation	Park Blvd. Park	Park Blvd.	94608	021 027900100	2,795	0.06	Soil/Grass	2	OS (PMP)	1	OS			X
2-23	23,565	0.54	Parks and Recreation	Park Blvd. Park	Park Blvd.	94608	021 027900200	23,565	0.54	Soil/Grass	4	OS (PMP)	1	OS			X
2-24	6,964	0.16	Parks and Recreation	Morgan Plaza	2601 Highland Ave.	94606	022 035000100	6,964	0.16	Soil/Grass	7	OS (AMP)	1		X	X	X
2-25	8,718	0.20	OUSD		1021 MacArthur Blvd. 1025 MacArthur Blvd.	94610	023 040100500 023 040100600	4,547 4,171	0.10 0.10	Soil/Grass	1	R-50	1		X		X
2-26	24,929	0.57	Parks and Recreation	Lake Park Mini Park	Lake Park Way	94610	011 083604202	24,929	0.57	Hard Surface	1	OS (NP)	1	OS	X	X	X
2-27	10,551	0.24	Parks and Recreation	Lakeshore Park	Lake Shore Ave.	94610	011 083902300	10,551	0.24	Soil/Grass	4	C-20/S-9	1				X
2-28	4,043	0.09	City of Oakland		Monte Vista Ave.	94611	012 092600200	4,043	0.09	Soil/Grass	13	OS (SU)	1	OS			X
					3rd St.		000O038000302	606	0.01								
3-1	41,787	0.96			3rd St.		000O039100100	2,198	0.05			OS (NP)	1				
					3rd St.		000O039100200	2,004	0.05								
					3rd St.		000O039100301	36,968	0.85								
3-2	4,614	0.11			3rd St.		000O038000303	4,614	0.11			S-2/S-4	4				
					290 Lewis St.		000O039200100	2,500	0.06								
					3rd St.		000O039200200	2,500	0.06								
					3rd St.		000O039200300	2,500	0.06								
3-3	43,627	1.00			3rd St.		000O039200400	2,500	0.06			OS (NP)	1				
			Parks and Recreation	South Prescott Park	1551 3rd St.	94607	000O039201400	2,500	0.06	Soil/Grass	0			OS		X	X
					1561 3rd St.		000O039201500	12,500	0.29								
					Henry St.		000O039201601	18,627	0.43								
					3rd St.		000O039001008	3,761	0.09								
					3rd St.		000O039201000	5,500	0.13								
					1501 3rd St.		000O039201100	298	0.01								
3-4	58,407	1.34			Henry St.		000O039201203	11,746	0.27			OS (NP)	1				
					1536 3rd St.		000O039201300	5,000	0.11								
					1493 3rd St.		000O039300100	5,500	0.13								
					1491 3rd St.		000O039300500	304	0.01								
					3rd St.		000O039300601	24,619	0.57								
3-5	59,446	1.36	State of California		Castro St.	94607	001 022101401	59,446	1.36	Soil/Grass	1	C-40	1				X
3-6	122,193	2.81	OUSD Parks and Recreation	Marston Campbell Park	1702 Market St. 1600 Market St.	94607	003 005101001 003 005303002	50,884 71,298	1.17 1.64	Soil/Grass	0 1	OS (NP)/S-20	1		X	X	X
3-7	3,118	0.07	City of Oakland		623 Market St.	94607	004 000500600	3,118	0.07	Soil/Grass	1	M-20	1		X		X
3-8	5,509	0.13	City of Oakland		Village Cir.	94607	004 000700400	5,509	0.13	Soil/Grass	0	R-60	2		X	X	X
3-9	5,144	0.12	City of Oakland		Village Cir.	94607	004 000700500	5,144	0.12	Soil/Grass	2	R-60	2		X		X
3-10	36,929	0.85	OUSD		960 10th St.	94607	004 000901405	36,929	0.85	Soil/Grass	0	R-70/S-20	2		X		X
3-11	38,915	0.89	Parks and Recreation	Lowell Park	1026 12th St. 1307 Chestnut St.	94607	004 001301602 004 003503101	1,492 37,423	0.03 0.86	Soil/Grass	0	OS (NP)/S-20	1	OS	X		X
3-12	9,994	0.23	Parks and Recreation	Wade Johnson Park	12th St.	94607	004 003703205	9,994	0.23	Soil/Grass	2	OS (NP)	1	OS	X		X
					Poplar St.		004 005901400	28,464	0.65		1	OS (NP)	1				
					1205 Poplar St.		004 005901500	4,563	0.10		0	OS (NP)	1				
3-13	42,604	0.98	Parks and Recreation	Wade Johnson Park	1316 12th St.	94607	004 005901600	4,240	0.10	Soil/Grass	0	OS (NP)	1	OS	X		X
					1224 Kirkham St.		004 005901700	4,261	0.10		2	OS (NP)	1				
					1228 Kirkham St.		004 005901802	1,076	0.02		3	M-30	4				
3-14	6,457	0.15	City of Oakland		8th St. Center St.	94607	004 006701500 004 006701700	4,120 2,326	0.09 0.05	Soil/Grass	0	R-36	1		X		X
3-15	14,758	0.34	BART		349 Cypress St.	94607	004 007300900	14,758	0.34	Soil/Grass	0	R-36	1				X
3-16	6,092	0.14	Parks and Recreation	Chester Park	319 Chester St.	94607	004 010303500	6,092	0.14	Hard Surface	1	OS (AMP)	1				X
3-17	11,657	0.27	City of Oakland		727 Pine St.	94607	006 004502600	11,657	0.27	Soil/Grass	0	R-36	1		X		X
3-18	207,595	4.77	State of California		800 Cedar St.	94607	006 004700100	207,595	4.77	Hard Surface	0	M-20/S-16	1			X	X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
3-19	290,123	6.66	State of California		Bay Bridge Approach	0	000O030500103	290,123	6.66	Soil/Grass	0	M-40	4			X	
3-20	268,900	6.17	City of Oakland		W. Grand Ave.	94612	000O030500310	268,900	6.17	Soil/Grass	0	M-40	4				
3-21	1,494	0.03	Redevelopment		1606 Chestnut St. 1608 Chestnut St.	94607	005 038701400 005 038701500	85 1,410	0.00 0.03	Hard Surface	0	R-60/S-20	2		X		X
3-22	223,742	5.14	Parks and Recreation	Defremery Park	1269 18th St.	94607	005 038900100	223,742	5.14	Soil/Grass	0	OS (CP)	1	OS	X	X	X
3-23	14,915	0.34	City of Oakland		1181 19th St.	94607	005 040403202	14,915	0.34	Soil/Grass	0	R-50/S-16	1		X		X
3-24	3,639	0.08	Housing Authority		1035 Warring St.	94607	005 041300202	3,639	0.08	Soil/Grass	0	R-50	1				X
3-25	5,998	0.14	Housing Authority		2127 Filbert St.	94607	005 041300800	5,998	0.14	Soil/Grass	0	R-50	1		X		X
3-26	4,150	0.10	Housing Authority		Filbert St.	94607	005 043401200	4,150	0.10	Soil/Grass	0	R-50	1		X		X
3-27	7,604	0.17	Parks and Recreation	McClymonds Mini Park	26th St. Linden St.	94607	005 043400100 005 043403500	3,278 4,326	0.08 0.10	Mixed Surface	0	OS (AMP)	1		X	X	X
3-28	2,312	0.05	City of Oakland		1728 14th St.	94607	007 055101100	2,312	0.05	Soil/Grass	1	R-36/S-16	1				X
3-29	19,040	0.44	State of California		26th St.	94607	007 058100100	19,040	0.44	Soil/Grass	0	M-30	4				
3-30	73,155	1.68	State of California		2221 Wood St. 2211 Wood St.	94607	007 058100800 007 058100900	65,689 7,466	1.51 0.17	Soil/Grass	0	M-30	4				X
3-31	43,536	1.00	State of California		2601 Wood St.	94607	007 058300100	43,536	1.00	Soil/Grass	0	M-30	4			X	
3-32	10,381	0.24	Parks and Recreation	Poplar Rec Center	Peralta St.	94609	007 059200100	10,381	0.24	Soil/Grass	0	R-36	1				X
3-33	2,112	0.05	Parks and Recreation	Poplar Rec. Ctr.	Peralta St.	94609	007 059200100	2,112	0.05	Soil/Grass	0	R-36	1				X
3-34	9,993	0.23	State of California		3401 Wood St.	94608	007 060400100	9,993	0.23	Soil/Grass	0	M-30	4				
3-35	55,811	1.28	State of California		3430 Wood St.	94608	007 060500121	55,811	1.28	Soil/Grass	0	OS (LP)/S-4	1			X	
3-36	119,368	2.74	State of California		4300 Eastshore Freeway Eastshore Freeway	94608 94618	007 061800105 007 061800616	29,204 90,164	0.67 2.07	Soil/Grass	1 0	M-40	4				X
3-37	107,543	2.47	EBMUD City of Oakland		Alice St. 40 Jack London Square	94607	000O042000200 000O042000400	1,447 105,949	0.03 2.43	Soil/Grass	2 1	R-80	2	OS		X	X
3-38	4,991	0.11	Parks and Recreation	Lafayette Square Park	10th St.	94607	002 002500100	4,991	0.11	Soil/Grass	0	OS (SU)/S-7	1	OS			X
3-39	16,697	0.38	Parks and Recreation	Lafayette Square Park	10th St.	94607	002 002500100	16,697	0.38	Soil/Grass	0	OS (SU)/S-7	1	OS			X
3-41	49,048	1.13	Redevelopment	City Center Garage	11th St.	94612	002 009703800 002 009703900 002 009704000	28,970 11,252 8,826	0.67 0.26 0.20	Mixed Surface Mixed Surface Soil/Grass	1 2 2	C-55/S-17	2				X
3-42	1,273	0.03	City of Oakland		17th St.	94612	003 006300801	1,273	0.03	Hard Surface	0	C-51/S-17	1				X
3-43	27,327	0.63	Parks and Recreation	City Hall Plaza	City Hall Plaza	94612	003 006700200	27,327	0.63	Soil/Grass	1	OS (SU)/S-8	1	OS			X
3-44	171,582	3.94	Parks and Recreation	Snow Park	274 19th St.	94612	008 063500100	171,582	3.94	Soil/Grass	2	OS (NP)/S-4	1	OS		X	X
3-45	57,149	1.31			Bellevue Ave.	94609	010 076400101	57,149	1.31		3						
3-46	206,200	4.73			Bellevue Ave.	94609	010 076400101	206,200	4.73		3						
3-47	18,540	0.43			Bellevue Ave.	94609	010 076400101	18,540	0.43		3						
3-48	8,197	0.19			Bellevue Ave.	94609	010 076400101	8,197	0.19		3						
3-49	7,472	0.17			Bellevue Ave.	94609	010 076400101	7,472	0.17		3						
3-50	17,511	0.40	Parks and Recreation	Lakeside Park	Bellevue Ave.	94609	010 076400101	17,511	0.40	Soil/Grass	3	OS (RSP)/S-4	1	OS	X		X
3-51	13,604	0.31			Bellevue Ave.	94609	010 076400101	13,604	0.31		3						
3-52	17,392	0.40			291 Grand Ave.	94610	010 076400200	17,392	0.40		2						
3-53	52,561	1.21			291 Grand Ave.	94610	010 076400200	52,561	1.21		2						
3-54	39,052	0.90			291 Grand Ave.	94610	010 076400200	39,052	0.90		2						
3-55	28,948	0.66	Parks and Recreation	Athol Park	Foothill Blvd.	94608	020 018200100	28,948	0.66	Soil/Grass	1	C-20/S-4	1			X	X
3-56	66,230	1.52	City of Oakland		Lake Shore Ave.	94608	021 022501401	66,230	1.52	Soil/Grass	2	OS (SU)/S-4	1	OS		X	X
3-57	222,446	5.11	Parks and Recreation	Grove Shafter Park	M. L. King Jr. Way	94607	Right of Way	222,446	5.11	Soil/Grass	1	OS (NP)	1	OS	X	X	X
3-58	143,967	3.31						143,967	3.31			C-40					
3-59	3,051	0.07	Parks and Recreation	Bishop Begin Plaza	2279 San Pablo Ave.	94612	003 002300100	3,051	0.07	Hard Surface	0	C-51/S-4	1				X
3-60	3,372	0.08	Parks and Recreation	St. Andrews Plaza	San Pablo Ave.	94608	005 046900100	3,372	0.08	Hard Surface	2	C-30	3		X		X
3-61	4,335	0.10	Parks and Recreation	Cathedral Plaza Park	2070 San Pablo Ave.	94612	008 064600103	4,335	0.10	Hard Surface	1	C-51/S-17	1				X
3-62	7,781	0.18	City of Oakland BART		24th St. Northgate Ave.	94612	008 066404600 008 066404705	1,604 6,178	0.04 0.14	Soil/Grass	0	C-45	1				X
3-63	525	0.01	City of Oakland		2500 Broadway	94612	008 067300100	525	0.01	Hard Surface	0	C-40 /S-19	1		X		X
3-64	9,798	0.22	Parks and Recreation	25th St. Mini Park	2417 M. L. King Jr. Way	94612	008 067700100	9,798	0.22	Soil/Grass	0	OS (AMP)	1				X
3-65	13,681	0.31	Parks and Recreation	Durant Park	675 29th St.	94609	009 069501300	13,681	0.31	Soil/Grass	1	OS (AMP)	1		X		X
3-66	5,348	0.12	Parks and Recreation	Lakeside Park	200 Grand Ave.	94610	010 076800400	5,348	0.12	Soil/Grass	0	OS (SU)/S-4	1		X		X
3-67	9,087	0.21	Parks and Recreation	Lakeside Park	200 Grand Ave.	94610	010 076800400	9,087	0.21	Soil/Grass	0	OS (SU)/S-4	1		X		X
3-68	397	0.01	Parks and Recreation	Lakeside Park	210 Grand Ave.	94610	010 076800601	397	0.01	Soil/Grass	0	OS (SU)/S-4	1		X		X
3-69	11,832	0.27	Parks and Recreation	Oak Park	Kempton Ave.	94611	010 080602402	11,832	0.27	Soil/Grass	2	OS (AMP)	1			X	X
3-70	229,867	5.28	Parks and Recreation	Mosswood Park House	Wellington St.	94611	012 094100100	229,867	5.28	Soil/Grass	1	C-40 /S-19	1	OS			X
3-71	147,740	3.39	City of Oakland		Grand Ave.	94610	011 083604104	147,740	3.39	Soil/Grass	1	OS (NP)	1	OS	X		X
3-72	3,950	0.09	City of Oakland		Merritt Ave.	94609	023 041501500	3,950	0.09	Soil/Grass	29	R-80	2				X
4-1	79,427	1.82	Parks and Recreation	Brookdale Park	3935 Nevil St. 3935 Nevil St. High St.	94601 94601 94608	032 206903213 032 206903213 032 206904101	25,978 8,186 45,231	0.60 0.19 1.04	Soil/Grass	5 5 6	OS (CP)	1	OS			X
4-2	4,092	0.09	City of Oakland	Courtland Creek	Courtland Ave.	94608	036 244903401	4,092	0.09	Soil/Grass	12	R-30	1				X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
4-3	1,925	0.04	City of Oakland		Lincoln Ave.	94602	028 090603500	1,925	0.04	Soil/Grass	2	R-50	I		X		X
4-4	2,446	0.06	City of Oakland		Lincoln Ave.	94602	028 090603600	2,446	0.06	Soil/Grass	10	C-31	I		X		X
4-5	50,603	1.16	City of Oakland		3475 Victor Ave.	94602	029 107300200	3,048	0.07	Soil/Grass	11	R-30	I				X
					35th Ave.	94608	029 107300300	3,410	0.08		18						
					4169 35th Ave.	94619	029 107300400	2,982	0.07		16						
					4163 35th Ave.	94619	029 107300500	2,794	0.06		13						
					4157 35th Ave.	94619	029 107300600	2,700	0.06		10						
					35th Ave.	94608	029 107300702	3,157	0.07		13						
					4151 35th Ave.	94619	029 107300703	5,090	0.12		11						
					4135 35th Ave.	94619	029 107300704	5,328	0.12		11						
					4123 34th Ave.	94619	029 107300801	7,547	0.17		10						
					Midvale Ave.	94608	029 107301402	1,670	0.04		18						
					4109 35th Ave.	94619	029 107301802	2,635	0.06		10						
					4101 35th Ave.	94619	029 107301902	3,135	0.07		9						
					4045 35th Ave.	94619	029 107302002	3,129	0.07		8						
					4039 35th Ave.	94619	029 107302102	3,164	0.07		7						
4-6	8,881	0.20	Parks and Recreation	Jordan Slide Area	2936 London Rd.	94602	029 107502702	8,881	0.20	Soil/Grass	21	R-30	I				
4-7	5,892	0.14	City of Oakland	Dimond Branch Library	3571 Fruitvale Ave.	94602	029A130201300	5,892	0.14	Hard Surface	1	C-31	I		X		X
4-8	15,342	0.35	Parks and Recreation	Allendale Rec Center	3635 Suter St.	94619	032 203007100	10,996	0.25	Soil/Grass	1	OS (NP)	I		X		X
			OUSD		3711 Suter St.		032 203007200	4,328	0.10								
4-9	2,074	0.05	State of California		3355 39th Ave.	94619	032 203106000	2,074	0.05	Soil/Grass	2	R-50	I		X		X
4-10	303,226	6.96	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 120000603	303,226	6.96	Soil/Grass	14	OS (RSP)	I	OS			X
4-11	10,048	0.23	Parks and Recreation	Joaquin Miller Park	Woodside Glen Ct.	94608	029 125600100	10,048	0.23	Soil/Grass	21	OS (RCA)	I				X
4-12	200,508	4.60	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 120000603	31,176	0.72	Soil/Grass	14	OS (RSP)	I	OS			X
4-12	200,508	4.60	Parks and Recreation	Joaquin Miller Park	Woodside Glen Ct.	94608	029 125600100	169,207	3.88	Soil/Grass	21	OS (RCA)	I				X
4-13	27,234	0.63	State of California		Park Blvd.	94602	029A133000901	27,234	0.63	Soil/Grass	11	OS (SU)	I	OS			X
4-14	10,080	0.23	State of California		Park Blvd.	94602	029A133000901	10,080	0.23	Soil/Grass	11	OS (SU)	I	OS			X
4-15	25,065	0.58	City of Oakland		Park Blvd.	94608	029A133001000	25,065	0.58	Soil/Grass	18	OS (RCA)	I	OS			X
4-16	13,904	0.32	Parks and Recreation	Dimond Park	Leimert Blvd.	94608	029A133001301	13,904	0.32	Soil/Grass	14	R-50	I	OS			X
4-17	2,518	0.06	State of California		Monterey Blvd.	94611	029A133002104	2,518	0.06	Soil/Grass	10	R-30	I			X	X
4-18	4,883	0.11	City of Oakland		Monterey Blvd.	94608	029A133003400	4,883	0.11	Soil/Grass	4	R-30	I		X		X
4-19	12,613	0.29	EBMUD		Estates Dr.	94603	048C718401600	12,613	0.29	Soil/Grass	15	R-30	I				X
4-20	4,703	0.11	EBMUD		Estates Dr.	94603	048C718401600	4,703	0.11	Soil/Grass	15	R-30	I				X
4-21	2,796	0.06	EBMUD		Bullard Dr.	94603	048C718800102	2,796	0.06	Soil/Grass	3	R-30	I				X
4-22	95,421	2.19	State of California		Park Blvd.	94611	048C720000600	95,421	2.19	Soil/Grass	12	R-50	I				X
4-23	31,955	0.73	State of California		Park Blvd.	94611	048C720000600	31,955	0.73	Soil/Grass	12	R-30	I				X
4-24	266,578	6.12	Parks and Recreation	Joaquin Miller Park	Skyline Blvd.	94603	048D720800501	266,578	6.12	Soil/Grass	26	OS (RCA)	I	RC			X
4-25	20,406	0.47	East Bay Regional Parks		Scout Rd.	94611	048D724401203	20,406	0.47	Soil/Grass	13	R-20/S-10	I				X
4-26	5,919	0.14	Parks and Recreation	Shepherd Canyon Park	Park Blvd.	94603	048D724402800	5,919	0.14	Soil/Grass	18	OS (NP)/S-10	I	RC			X
4-27	22,977	0.53	Parks and Recreation	Shepherd Canyon Park	Park Blvd.	94603	048D724402800	22,977	0.53	Soil/Grass	18	OS (NP)/S-10	I	OS		X	X
4-28	31,627	0.73	Parks and Recreation	Shepherd Canyon Park	Shepherd Canyon Rd.	94603	048D724901200	31,627	0.73	Soil/Grass	25	OS (NP)/S-10	I	RC			X
4-29	118,636	2.72	Parks and Recreation	Shepherd Canyon Park	Shepherd Canyon Rd.	94603	048D724901200	55,918	1.28	Soil/Grass	25	OS (NP)/S-10	I	OS			X
4-29	118,636	2.72	Parks and Recreation	Shepherd Canyon Park	Scarborough Dr.	94611	048D725000802	62,525	1.44	Soil/Grass	18	OS (NP)/S-10	I	OS			X
4-30	34,682	0.80	Parks and Recreation	Beaconsfield Common	Beaconsfield Pl.	94603	048D725304300	1,983	0.05	Soil/Grass	28	OS (RCA)	I	RC			X
							048D725304400	4,203	0.10		29						
							048D725304500	5,596	0.13		32						
							048D725304600	4,362	0.10		32						
							048D725304700	2,708	0.06		29						
							048D725304800	5,863	0.13		32						
							048D725304900	4,108	0.09		27						
							048D728002300	2,893	0.07		31						
							048D728002400	2,136	0.05		27						
4-31	2,004	0.05	Parks and Recreation	Beaconsfield Common	2678 Beaconsfield Pl.	94611	048D728002900	2,004	0.05	Soil/Grass	27	OS (RCA)	I	RC			X
4-32	8,013	0.18	Parks and Recreation	Shepherd Canyon Park	Escger Dr.	94603	048D728303100	8,013	0.18	Soil/Grass	26	OS (RCA)/S-10	I	RC			
4-33	5,849	0.13	City of Oakland		Snake Rd.	94603	048E734903100	2,417	0.06	Soil/Grass	11	R-20/S-10	I				X
			East Bay Regional Parks				048F735501900	2,080	0.05		11	OS (LP)/S-10					
4-34	8,642	0.20	Parks and Recreation	Shepherd Canyon Park	5921 Shepherd Canyon Rd.	94611	048E735000502	8,642	0.20	Soil/Grass	11	R-20/S-10	I				X
4-35	16,504	0.38	Parks and Recreation		Cortereal Ave.		048F736503500	2,488	0.06		4	OS (LP)/S-10					
			Parks and Recreation	Shepherd Canyon Park	Medau Pl.	94603	048F736503600	9,912	0.23	Soil/Grass	8	C-27	I				X
			East Bay Regional Parks		La Salle Ave.		048F736602102	2,185	0.05		10	R-50					
4-36	4,067	0.09	East Bay Regional Parks		La Salle Ave.	94603	048F736602102	4,067	0.09	Soil/Grass	10	R-50	I				X
4-37	4,913	0.11	Parks and Recreation	Open Space	Skyline Blvd.	94603	048E731802600	4,913	0.11	Soil/Grass	7	R-30/S-10/S-11	I				X
4-38	10,534	0.24	Parks and Recreation	Open space	Skyline Blvd.	94611	048F737600601	10,534	0.24	Soil/Grass	30	R-30/S-10/S-11	I				X
4-39	33,509	0.77	Parks and Recreation	Avenue Terrace Playgrnd	Jordan Rd.	94608	029 106701300	33,509	0.77	Soil/Grass	3	OS (NP)	I				X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
4-40	117,007	2.69	Parks and Recreation	Joaquin Miller Park	2795 Joaquin Miller Rd. Joaquin Miller Rd.	94608	029 116101300 029 116201200	11,383 105,459	0.26 2.42	Soil/Grass	9 14	OS (RCA)	1				X
4-41	41,412	0.95	State of California		Monterey Blvd.	94608	029 117500103	41,412	0.95	Soil/Grass	12	R-30	1				
4-42	38,401	0.88	Parks and Recreation	Joaquin Miller Park	10902 Skyline Blvd.	94619	029 120000700	38,401	0.88	Soil/Grass	12	OS (RSP)	1	RC			X
4-43	54,026	1.24	Parks and Recreation OUSD	Redwood Heights Rec. Ctr.	3731 Redwood Rd. 38th Ave.	94619 94608	030 186903404 030 186906104	41,720 11,288	0.96 0.26	Soil/Grass	4 3	OS (NP) R-30	1	OS	X		X
4-44	31,496	0.72	Parks and Recreation	McCrea Park	Aliso Ave.	94608	037 260508800	31,496	0.72	Soil/Grass	5	OS (SU)	1	RC			X
4-45	20,595	0.47	EBMUD		Redwood Rd.	94619	037 268700300	20,595	0.47	Soil/Grass	13	R-30	1		X		X
4-46	23,957	0.55	EBMUD		Redwood Rd.	94608	037A313400500	23,957	0.55	Soil/Grass	14	R-30	1		X		X
4-47	50,637	1.16	City of Oakland		Redwood Rd.	94608	037A313600506	50,637	1.16	Soil/Grass	14	R-30	1		X		X
4-48	33,902	0.78	Parks and Recreation	Skyline Islands	Skyline Blvd.	94608	037A314902600	33,902	0.78	Soil/Grass	8	R-30	1				X
4-49	5,880	0.13	Parks and Recreation	Skyline Islands	Skyline Blvd.	94608	037A314902700	5,880	0.13	Soil/Grass	8	R-30	1				X
4-50	27,469	0.63	Parks and Recreation	Skyline Islands	Skyline Blvd.	94608	037A314902900	27,469	0.63	Soil/Grass	8	R-30	1				X
4-51	22,927	0.53	Parks and Recreation	Skyline Islands	Skyline Blvd.	94608	037A315000600	22,927	0.53	Soil/Grass	9	R-30	1				X
4-52	8,294	0.19	East Bay Regional Parks		Skyline Blvd.	94619	037A315006101	8,294	0.19	Soil/Grass	3	R-30	1	OS			X
4-53	5,832	0.13	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 116201200	5,832	0.13	Soil/Grass	14	OS (RCA)	1				X
4-54	46,385	1.06	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 120000603	46,385	1.06	Soil/Grass	14	OS (RSP)	1	OS			X
4-55	50,453	1.16	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 120000603	50,453	1.16	Soil/Grass	14	OS (RSP)	1	OS			X
4-56	114,509	2.63	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 120000603	114,509	2.63	Soil/Grass	14	OS (RSP)	1	OS			X
4-57	17,023	0.39	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 120000603	17,023	0.39	Soil/Grass	14	OS (RSP)	1	OS			X
4-58	118,880	2.73	Parks and Recreation	Joaquin Miller Park	Joaquin Miller Rd.	94608	029 120000603	118,880	2.73	Soil/Grass	14	OS (RSP)	1	OS			X
4-59	68,497	1.57	Parks and Recreation	Joaquin Miller Park	10902 Skyline Blvd.	94619	029 120000700	68,497	1.57	Soil/Grass	12	OS (RSP)	1	RC			X
4-60	12,966	0.30	Parks and Recreation	Joaquin Miller Park	10902 Skyline Blvd.	94619	029 120000700	12,966	0.30	Soil/Grass	12	OS (RSP)	1	OS			X
4-61	80,793	1.85	Parks and Recreation	Joaquin Miller Park	Skyline Blvd.	94603	048D720800501	80,793	1.85	Soil/Grass	26	OS (RCA)	1	RC			X
4-62	48,079	1.10	Parks and Recreation	Joaquin Miller Park	Skyline Blvd.	94603	048D720800501	48,079	1.10	Soil/Grass	26	OS (RCA)	1	RC			X
4-63	41,494	0.95	Parks and Recreation	Joaquin Miller Park	Skyline Blvd.	94603	048D720800501	41,494	0.95	Soil/Grass	26	OS (RCA)	1	RC			X
4-64	2,058	0.05	Parks and Recreation	Open Space	Skyline Blvd.	94603	048D729601200	2,058	0.05	Soil/Grass	7	R-30/S-10	1				X
4-65 4-65	8,645	0.20	Parks and Recreation	Open Space	Shepherd Canyon Rd.	94603 94611	048D730700500 048D730707401	3,018 5,627	0.07 0.13	Soil/Grass	33 28	R-20/S-10	1				X
4-66	6,007	0.14	Parks and Recreation	Open Space	Shepherd Canyon Rd.	94611	048D730706903	6,007	0.14	Soil/Grass	24	R-20/S-10	1				X
4-67	6,956	0.16	East Bay Regional Parks		Skyline Blvd.	94611	048D731400102	6,956	0.16	Soil/Grass	9	R-30/S-10	1				
4-68	12,868	0.30	Parks and Recreation	Open Space	Skyline Blvd.	94603	048E732005401	12,868	0.30	Soil/Grass	26	R-30/S-10/S-11	1				
4-69	6,225	0.14	Parks and Recreation	Open Space	Skyline Blvd. Skyline Blvd.	94603 94603	048E732005701 048E732005800	3,984 1,247	0.09 0.03	Soil/Grass Soil/Grass	30 31	R-30/S-10/S-11 R-30/S-10/S-11	1 1				
4-70	3,410	0.08	City of Oakland		Skyline Blvd.	94611	048E732100101	3,410	0.08	Soil/Grass	26	R-20/S-10/S-11	1				
5-3	180,681	4.15	City of Oakland		2090 Diesel St.	94606	000O050500100	180,681	4.15	Soil/Grass	1	M-40	4	OS			X
5-4	25,712	0.59	City of Oakland		1901 Livingston St.	94606	019 005401201	25,712	0.59	Hard Surface	1	M-40	4	EP			
5-5	19,215	0.44	City of Oakland		1899 Dennison St.	94606	019 006000114	19,215	0.44	Hard Surface	1	M-40	4	OS			
5-6	3,330	0.08	Parks and Recreation	Mini Park	2863 Earhart Rd.	94601	019 008402900	3,330	0.08	Soil/Grass	21	M-20/S-13	1		X		X
5-7	5,403	0.12	City of Oakland		1008 23rd Ave.	94606	019 009900400	5,403	0.12	Soil/Grass	1	M-30	4				X
5-8	1,819	0.04	City of Oakland		1143 23rd Ave.	94606	019 010100100	1,819	0.04	Soil/Grass	1	M-30	4				X
5-9	28,718	0.66	City of Oakland		2257 E. 14th St.	94606	019 010100500	28,718	0.66	Soil/Grass	1	M-30	4				X
5-10	4,582	0.11	City of Oakland	Miller Avene Library	1449 Miller Ave.	94601	020 015300600	4,582	0.11	Soil/Grass	2	R-36	1		X		X
5-11	67,837	1.56	Parks and Recreation	Sanborn Rec. Ctr.	Fruitvale Ave.	94608	025 072202600	67,837	1.56	Soil/Grass	1	OS (NP)	1	OS	X		X
5-14	1,982	0.05	City of Oakland		Park Blvd.	94610	023 047902000	1,982	0.05	Soil/Grass	3	R-70	2		X		X
5-15	4,626	0.11	EBMUD		Wake Ave.	94608	024 054501100	4,626	0.11	Soil/Grass	13	R-50	1				X
5-16	30,834	0.71	EBMUD	Central Reservoir Park	2500 E. 29th St.	94602	026 080100102	30,834	0.71	Soil/Grass	8	OS (NP)	1	OS	X		X
5-17	82,751	1.90	EBMUD	Central Reservoir Park	2500 E. 9th St. 2500 Earhart Rd.	94602	026 080100102 026 080100102	47,760 31,855	1.10 0.73	Soil/Grass	8	OS (NP)	1	OS	X		X
5-18	37,429	0.86	Parks and Recreation	Peralta Hacienda Park	2525 34th Ave. 2511 34th Ave. 2501 34th Ave. 3300 Paxton Ave. 2528 Coolidge Ave. 2532 Coolidge Ave. 2540 Coolidge Ave.	94601	027 087500800 027 087500900 027 087501000 027 087501100 027 087501200 027 087501300 027 087501400	3,238 7,756 9,200 5,175 4,025 4,019 3,655	0.07 0.18 0.21 0.12 0.09 0.09 0.08	Soil/Grass	2 2 2 1 1 2 2	OS (SU)	1	OS	X	X	X
5-19	3,190	0.07			3435 Davis St.	94601	027 087603101	3,190	0.07	Soil/Grass	5	OS (SU)	1	OS	X		X
5-20	2,127	0.05			3424 Paxton Ave.	94601	027 087603803	2,127	0.05	Soil/Grass	5	OS (SU)	1	OS	X		X
5-21	1,413	0.03			3424 Paxton Ave.	94601	027 087603803	1,413	0.03	Soil/Grass	5	OS (SU)	1	OS	X		X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
					2500 34th Ave.		027 087603900	2,272	0.05		12						
					2506 34th Ave.		027 087604000	2,072	0.05		14						
5-22	14,804	0.34			2512 34th Ave.	94601	027 087604102	2,787	0.06	Soil/Grass	8	OS (SU)	1	OS	X		X
					2524 34th Ave.		027 087604201	1,726	0.04		14						
					2466 34th Ave.		027 087702502	1,887	0.04		9						
			Parks and Recreation	Peralta Hacienda Park	34th Ave.		Right of Way	4,000	0.09		14						
					2466 34th Ave.		027 087702502	1,078	0.02		9						
5-23	2,155	0.05			34th Ave.	94601	027 087702503	839	0.02	Soil/Grass	0	OS (SU)	1	OS	X		X
					2480 Coolidge Ave.		027 087802200	4,025	0.09								
5-24	11,760	0.27			2484 Coolidge Ave.	94601	027 087802300	4,025	0.09	Soil/Grass	2	OS (SU)	1	OS	X	X	X
					2488 Coolidge Ave.		027 087802400	3,710	0.09								
5-25	501	0.01	Alameda Co. Flood Control		Eden Ln.	94601	027 088200904	501	0.01	Soil/Grass	0	R-50	1		X		X
5-26	4,060	0.09	Housing Authority		3709 Carrington St.	94601	032 209105002	4,060	0.09	Soil/Grass	5	R-50	1		X		X
					Ransome Ave.	94608	032 209107901	4,774	0.11		9						
					2209 Ransome Ave.	94601	032 209108100	3,380	0.08		5						
					2201 Ransome Ave.	94601	032 209108200	2,639	0.06		9						
					Ransome Ave.	94608	032 209108300	1,598	0.04		3						
5-27	25,142	0.58	City of Oakland	"Jungle Hill" / Santa Rita	2166 Santa Rita St.	94601	032 209109300	2,469	0.06	Soil/Grass	17	OS (RCA)	1		X		X
					2170 Santa Rita St.	94601	032 209109400	3,506	0.08		17						
					Santa Rita St.	94608	032 209109500	3,380	0.08		17						
					Santa Rita St.	94608	032 209109600	3,358	0.08		16						
			Alameda Co. Flood Control		Bridge Ave.		033 213501002	350	0.01	Soil/Grass		R-50					
			Alameda Co. Flood Control		Foothill Blvd.		033 213502601	6,602	0.15	Mixed Surface		OS (NP)					
			Parks and Recreation		Foothill Blvd.		033 213502602	44,695	1.03	Soil/Grass		OS (NP)					
5-28	68,384	1.57	Alameda Co. Flood Control	Foothill Meadows Park	37th Ave.	94601	033 213503701	1,750	0.04	Soil/Grass	1	R-50	1		X	X	X
			Alameda Co. Flood Control		1843 38th Ave.		033 213503703	1,068	0.02	Soil/Grass		R-50					
			Alameda Co. Flood Control		1835 38th Ave.		033 213503802	10,114	0.23	Mixed Surface		R-50					
			Alameda Co. Flood Control		35th Ave.		033 213604301	1,990	0.05	Soil/Grass		R-40					
5-29	11,935	0.27	Alameda Co. Flood Control	Foothill Meadows Extension	1800 38th Ave.	94601	033 213803103	11,935	0.27	Mixed Surface	1	OS (AMP)	1		X	X	X
5-31	141,525	3.25	Parks and Recreation	W.D. Wood Park	McKillop Rd.	94608	026 081002901	40,427	0.93	Soil/Grass	20	OS (NP)	1	OS			X
							026 081004701	98,691	2.27		17						
5-32	1,911	0.04	Alameda Co. Flood Control		School St.	94602	026 082802500	1,911	0.04	Soil/Grass	2	R-50	1				X
5-33	2,520	0.06	State of California		Woodbine Ave.	94602	026 083200903	2,520	0.06	Soil/Grass	1	R-50	1		X		X
5-34	6,156	0.14	City of Oakland	Nicol Park	3042 Nicol Ave.	94602	027 085603300	6,156	0.14	Soil/Grass	2	OS (AMP)	1		X		X
5-35	578	0.01	Alameda Co. Flood Control		Humboldt Ave.	94602	027 089803001	578	0.01	Soil/Grass	0	R-50	1				X
5-36	473,683	10.87	Parks and Recreation	Dimond Park	Lyman Rd.	94608	029A132103601	473,683	10.87	Soil/Grass	8	OS (CP)	1	OS	X		X
5-37	6,688	0.15	Parks and Recreation	Dimond Park	Leimert Blvd.	94608	029A132800101	6,688	0.15	Soil/Grass	13	OS (RCA)	1	OS			X
5-38	7,969	0.18	Parks and Recreation	Dimond Park	Leimert Blvd.	94608	029A132800101	7,969	0.18	Soil/Grass	13	OS (RCA)	1	OS			X
5-39	1,300	0.03	Parks and Recreation	Dimond Park	Leimert Blvd.	94608	029A133000603	820	0.02	Soil/Grass	21	OS (RCA)	1	OS			X
							029A133000704	481	0.01		0						
6-1	31,312	0.72	OUSD	Greenman Field	6701 E. 15th St.	94621	041 413201503	31,312	0.72	Soil/Grass	0	OS (AF)	1	OS	X		X
					5800 E. 16th St.		038 323400701	11,049	0.25								
6-2	24,070	0.55	Parks and Recreation	Rainbow Rec Center	5801 E. 17th St.	94621	038 323501100	5,361	0.12	Soil/Grass	1	OS (NP)	1				X
					E. 17th St.		038 323502000	7,094	0.16								
6-3	1,182	0.03	City of Oakland		Deerwood St.	94605	040 332704103	1,182	0.03	Soil/Grass	0	R-35	1		X		X
6-4	1,255	0.03	City of Oakland		2250 73rd Ave.	94605	040 332803903	1,255	0.03	Soil/Grass	1	R-35	1		X		X
6-5	3,666	0.08	City of Oakland		2320 73rd Ave.	94605	040 332805501	3,666	0.08	Soil/Grass	1	R-35	1		X		X
6-6	4,871	0.11	City of Oakland		2320 73rd Ave.	94605	040 332805501	4,871	0.11	Soil/Grass	1	R-35	1		X		X
6-7	12,841	0.29	Housing Authority		76th Ave.	94608	040 333900602	1,649	0.04	Soil/Grass	1	R-50	1		X		X
					2500 76th Ave.	94605	040 333900603	10,896	0.25	Hard Surface							
6-8	426,420	9.79	City of Oakland		Krause Ave.	94608	040 334300104	426,420	9.79	Soil/Grass	0	OS (CP)	1	OS	X		X
6-9	769	0.02	City of Oakland		Bancroft Ave.	94608	040 337700401	769	0.02	Soil/Grass	0	R-70	2		X		X
6-10	10,425	0.24	Parks and Recreation	85th Ave. Mini Park	85th Ave.	94621	043 456101700	5,247	0.12	Mixed Surface	0	OS (AMP)	1			X	X
					1722 85th Ave.		043 456101800	5,177	0.12		1						
			Peralta Comm. College		Leona St.	94608	037 268500131	72,787	1.67		16	R-30					
			City of Oakland		Skyline Blvd.	94608	037A314100105	7,043	0.16		10	OS (RCA)					
6-11	268,109	6.15	Peralta Comm. College		Equestrian Tr.	94608	037A314100111	15,103	0.35	Soil/Grass	16	R-30	1		X	X	X
			Peralta Comm. College		Equestrian Tr.	94608	037A314100111	83,314	1.91		16	R-30					
			Peralta Comm. College		Equestrian Tr.	94608	037A314100111	48,834	1.12		16	OS (RCA)					
			East Bay Regional Parks		Campus Dr.	94605	037A315100202	38,174	0.88		26	OS (RCA)					
6-12	42,073	0.97	OUSD		64th Ave. Pl.	94605	037A274600501	22,728	0.52	Soil/Grass	9	R-50	1				X
					65th Ave.	94608	037A275100600	19,032	0.44		12						
6-13	4,040	0.09	Parks and Recreation	Open space	Oakdale Ave.	94608	037A278500600	4,040	0.09	Soil/Grass	20	R-30	1				X
6-14	31,926	0.73	Parks and Recreation	Concordia Center	3000 62nd Ave.	94605	038 318800107	31,926	0.73	Soil/Grass	1	OS (NP)	1	OS	X		X
6-15	586	0.01	City of Oakland		Bancroft Ave.	94608	038 320101800	586	0.01	Soil/Grass	1	R-70	2				X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
6-16	2,959	0.07	City of Oakland		Halliday Ave.	94621	040 333100303	2,959	0.07	Soil/Grass	1	R-35	1		X		X
6-17	46,945	1.08	Housing Authority		7526 MacArthur Blvd.	94605	040A3409001 13	46,945	1.08	Soil/Grass	3	C-20	1			X	X
6-18	251	0.01	City of Oakland		Ney Ave.	94608	040A341403103	251	0.01	Soil/Grass	0	R-50	1				X
6-19	21,843	0.50	City of Oakland		4655 Geranium Pl. 4665 Geranium Pl. 4673 Geranium Pl.	94619	037 257501501 037 257501700 037 257501800	5,913 9,013 6,077	0.14 0.21 0.14	Soil/Grass	13 18 17	R-30	1				X
6-20	20,292	0.47	Parks and Recreation	Leona Heights Park	Mountain Blvd.	94608	037 260508900	20,292	0.47	Soil/Grass	7	OS (SU)	1	RC			X
6-21	140,402	3.22	Parks and Recreation Peralta Comm. College	Leona Heights Park	McDonell Ave. Leona St.	94608	037 268500116 037 268500140	72,116 67,826	1.66 1.56	Soil/Grass	21 16	OS (RCA)	1	RC	X		X
6-22	174,666	4.01	Peralta Comm. College	Leona Heights Park	Leona St. Equestrian Tr.	94608	037 268500140 037A3141001 17	154,169 20,352	3.54 0.47	Soil/Grass	16 9	OS (RCA) R-30	1	RC	X		X
6-23	50,870	1.17	Peralta Comm. College	Leona Heights Park	Leona St. Equestrian Tr.	94608	037 268500140 037A3141001 17	34,976 15,454	0.80 0.35	Soil/Grass	16 9	OS (RCA) R-30	1		X		X
6-24	6,213	0.14	Parks and Recreation	Leona Heights Park	Redwood Rd.	94619	037A3138001 02	6,213	0.14	Soil/Grass	37	OS (RCA)	1	RC	X		X
6-25	113,813	2.61	OUSD Parks and Recreation	Owen James Main Field	11900 Campus Dr. 5000 Redwood Rd.	94619	037A3138001 03 037A3138002 00	35,495 78,308	0.81 1.80	Soil/Grass	17 12	OS (NP)	1		X	X	X
6-26	32,474	0.75	Parks and Recreation Peralta Comm. College	Leona Heights Park	Skyline Blvd. Equestrian Tr.	94608	037A3141001 09 037A3141001 11	18,035 13,573	0.41 0.31	Soil/Grass	30 16	R-30 R-1	1		X		X
6-27	77,176	1.77	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	77,176	1.77	Soil/Grass	16	R-30	1		X		X
6-28	186,357	4.28	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	186,357	4.28	Soil/Grass	16	R-30	1				X
6-29	143,247	3.29	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	143,247	3.29	Soil/Grass	16	R-30	1		X		X
6-30	39,809	0.91	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	39,809	0.91	Soil/Grass	16	R-1	1		X		X
6-31	8,056	0.18	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	8,056	0.18	Soil/Grass	16	R-1	1		X		X
6-32	97,622	2.24	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11 037A3141001 11	2,865 93,810	0.07 2.15	Soil/Grass	16	R-1	1		X		X
6-33	59,499	1.37	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 17	59,499	1.37	Soil/Grass	9	R-30	1		X		X
6-34	11,114	0.26	City of Oakland		Redwood Rd.	94608	037A314403605	11,114	0.26	Soil/Grass	13	R-1	1				X
6-35	26,367	0.61	City of Oakland		Blythen Way	94546	085 010107906	26,367	0.61	Soil/Grass	13	R-10	1	RC	X		X
6-36	47,289	1.09	City of Oakland		Blythen Way	94546	085 010107906	47,289	1.09	Soil/Grass	13	R-10	1	RC			
6-37	15,881	0.36	East Bay Regional Parks		Redwood Rd.	94546	085 010108005	15,881	0.36	Soil/Grass	27	R-30	1				X
6-38	69,473	1.59	East Bay Regional Parks		Redwood Rd.	94546	085 010108005	69,473	1.59	Soil/Grass	27	R-30	1	RC			X
6-39	2,990	0.07	East Bay Regional Parks		Redwood Rd.	94546	085 010108005	2,990	0.07	Soil/Grass	27	R-30	1				X
6-40	671,612	15.42	East Bay Regional Parks		Campus Dr.	94605	037A3151002 02	671,612	15.42	Soil/Grass	26	OS (RCA)	1	RC			
6-41	77,985	1.79	EBMUD		Rilea Way	94619	037A3152005 00	77,985	1.79	Soil/Grass	17	R-30	1	RC			X
6-42	18,512	0.42	East Bay Regional Parks		Campus Dr.	94619	037A3152013 03	18,512	0.42	Soil/Grass	20	R-30/S-18	1				X
6-43	21,144	0.49	East Bay Regional Parks		Campus Dr.	94619	037A3152013 03	21,144	0.49	Soil/Grass	20	R-30/S-18	1	RC			X
6-44	246,417	5.66	East Bay Regional Parks		Campus Dr.	94619	037A3152013 03	246,417	5.66	Soil/Grass	20	R-30/S-18	1	RC			X
6-45	107,780	2.47	East Bay Regional Parks		Campus Dr.	94619	037A3152013 03	107,780	2.47	Soil/Grass	20	R-30/S-18	1	RC			X
6-46	7,802	0.18	East Bay Regional Parks		Campus Dr.	94619	037A3152013 03	7,802	0.18	Soil/Grass	20	R-30/S-18	1	RC			X
6-47	7,182	0.16	East Bay Regional Parks		Campus Dr.	94619	037A3152013 03	7,182	0.16	Soil/Grass	20	R-30/S-18	1	RC			X
6-48	387,719	8.90	East Bay Regional Parks East Bay Regional Parks East Bay Regional Parks Alameda Co. Flood Control Alameda Co. Flood Control		Campus Dr. Campus Dr. Campus Dr. Keller Ave. Keller Ave.	94619	037A3152013 03 037A3152013 03 037A3152013 03 037A3152019 05 037A3152019 05	6,390 51,915 194,495 134,739 38	0.15 1.19 4.46 3.09 0.00	Soil/Grass	20 20 20 11 11	R-30/S-18 R-30/S-18 R-30/S-18 C-20 C-20	1	RC			X
6-49	3,893	0.09	Parks and Recreation	Burkhalter Rec. Ctr.	Edwards Ave.	94608	040A3441036 05	3,893	0.09	Soil/Grass	4	OS (NP)	1	OS	X		X
6-50	1,437	0.03	Parks and Recreation	Burkhalter Rec. Ctr.	Edwards Ave.	94608	040A3441036 05	1,437	0.03	Soil/Grass	4	OS (NP)	1	OS	X		X
6-51	4,850	0.11	Parks and Recreation	Burkhalter Rec. Ctr.	Columbian Dr.	94608	040A3441056 03	4,850	0.11	Soil/Grass	6	R-50	1	OS	X		X
6-52	1,525	0.04	EBMUD		Mountain Blvd.	94608	040A3461001 04	1,525	0.04	Soil/Grass	21	R-30	1	RC			X
6-53	236,220	5.42	Parks and Recreation	City Stables	13560 Skyline Blvd.	94619	040A3468008 03	188,716 46,116	4.33 1.06	Soil/Grass	7	OS (SU)	1	OS			X
6-54	84,689	1.94	EBMUD		Mountain Blvd.	94608	040A3461001 04 040A3847003 83	5,261 79,429	0.12 1.82	Soil/Grass	21 19	R-30 R-50	1	RC			X
6-55	6,488	0.15	EBMUD		Mountain Blvd.	94608	040A3847003 83	6,488	0.15	Soil/Grass	19	R-50	1	RC			X
6-56	2,919	0.07	EBMUD		Mountain Blvd.	94608	040A3847003 83	2,919	0.07	Soil/Grass	19	R-50	1	RC			X
6-57	585	0.01	City of Oakland		Keller Ave.	94621	043A4664001 00	585	0.01	Soil/Grass	0	R-30	1				X
6-58	10,561	0.24	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	10,561	0.24	Soil/Grass	16	OS (RCA)	1				X
6-59	312,470	7.17	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	312,470	7.17	Soil/Grass	16	OS (RCA)	1	RC			X
6-60	101,507	2.33	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	101,507	2.33	Soil/Grass	16	R-30	1				X
6-61	79,192	1.82	Peralta Comm. College		Equestrian Tr.	94608	037A3141001 11	79,192	1.82	Soil/Grass	16	OS (RCA)	1				X
6-62	67,105	1.54	City of Oakland		Blythen Way Balmoral Dr.	94546	085 010107906	23,812 43,292	0.55 0.99	Soil/Grass	13 4	R-10 R-1	1	RC	X	X	X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
6-63	165,918	3.81	City of Oakland City of Oakland EBMUD EBMUD		Skyline Blvd.	94605	048 686900200 048 686900200 048 686900300 048 686900400	15,669 10,380 135,577 3,282	0.36 0.24 3.11 0.08	Soil/Grass	19 19 14 22	R-20	1				X
7-1	1,508,109	34.62	City of Oakland	Harbor Bay Pkwy.	8425 Earhart Rd.	94621	042 440401102	1,508,109	34.62	Mixed Surface	1	M-40	4				
7-4	1,175,286	26.98	East Bay Regional Parks City of Oakland City of Oakland City of Oakland	MLK Shoreline Park	Swan Dr. Doolittle Dr.	94608 94608 94614 94608	042 440200909 042 440200911 042 441000113 042 441500305	4,457 768,968 233,774 163,895	0.10 17.65 5.37 3.76	Soil/Grass	0 0 1 0	M-40	4	RC OS OS OS			
7-5	332,569	7.63	City of Oakland		Doolittle Dr.	94614	042 441000118	332,569	7.63	Soil/Grass	0	C-36/S-4	2				X
7-7	33,518	0.77	City of Oakland		Doolittle Dr.	94608	042 452000112	33,518	0.77	Soil/Grass	0	C-36/S-4	2				X
7-8	117,731	2.70	City of Oakland		Doolittle Dr. 10001 Doolittle Dr. Airport Dr.	94614 94603 94608	042 452000221 042 452000223 042 452000400	37,265 6,516 73,950	0.86 0.15 1.70	Hard Surface Hard Surface Soil/Grass	0	M-40	4	OS			X
7-9	410,176	9.42	City of Oakland		Edgewater Dr.	94608	041 390200322 041 390201800	405,509 3,952	9.31 0.09	Soil/Grass	1	M-40	4	OS			X
7-10	29,323	0.67	City of Oakland		Edgewater Dr.	94608	041 390200500 041 390200600	26,367 2,957	0.61 0.07	Hard Surface Mixed Surface	0	M-40	4	EP			
7-11	105,445	2.42	City of Oakland		Edgewater Dr.	94608	041 390201000 041 390201100 041 390201900	58,430 45,083 1,825	1.34 1.03 0.04	Soil/Grass	1 1 3	M-40	4	OS			X
7-12	1,401,693	32.18	Parks and Recreation EBMUD EBMUD Parks and Recreation EBMUD EBMUD	MLK Shoreline Park	Edgewater Dr. Oakport St. Oakport St. Oakport St. 5601 Oakport St. 5601 Oakport St.	94608 94621 94621 94621 94621 94621	041 390200322 041 390300207 041 390300208 041 390300209 041 390400105 041 390400105	26,615 215,287 385,195 451,465 307,480 14,585	0.61 4.94 8.84 10.36 7.06 0.33	Soil/Grass	1 1 0 1 0 0	M-40	4	OS			
7-13	28,930	0.66	Redevelopment		73rd Ave. 728 73rd Ave.	94621	041 417300103 041 417300202	13,731 15,199	0.32 0.35	Soil/Grass Mixed Surface	1 2	M-40/S-4	4				X
7-14	388,958	8.93	County of Alameda		8000 South Coliseum Way	94621	042 432800124	388,958	8.93	Hard Surface	0	C-36/S-4	2				X
7-15	26,071	0.60	Alameda Co. Flood Control		Edgewater Dr.	94608	042 443000113	26,071	0.60	Soil/Grass	4	M-40	4	OS			X
7-16	35,738	0.82	City of Oakland		Edgewater Dr.	94621	042 443500601	35,738	0.82	Soil/Grass	5	M-40	4				X
7-17	189,786	4.36	Parks and Recreation	Brookfield Village Park	Jones Ave.	94603	044 505300106	189,786	4.36	Soil/Grass	0	OS (CP)	1	OS	X		X
7-18	29,434	0.68	Parks and Recreation	Stonehurst Park	E St.	94603	045 521400203	29,434	0.68	Soil/Grass	0	OS (NP)	1	OS	X		X
7-19	8,196	0.19	City of Oakland		850 98th Ave.	94603	045 523000101	8,196	0.19	Soil/Grass	0	M-40	4				X
7-20	30,353	0.70	City of Oakland		9507 Edes Ave.	94603	045 529200500	30,353	0.70	Soil/Grass	0	R-50	1		X		X
7-21	34,233	0.79	State of California		98th Ave.	94603	045 529802600	34,233	0.79	Soil/Grass	1	R-30	1		X		X
7-22	11,796	0.27	City of Oakland		620 98th Ave.	94603	045 530405702	11,796	0.27	Soil/Grass	0	R-30	1				X
7-23	3,905	0.09	State of California		9832 Hesket Rd.	94603	045 531900402	3,905	0.09	Soil/Grass	1	R-30	1		X	X	X
7-24	34,777	0.80	Alameda Co. Flood Control		Empire Rd.	94603	045 531903702 045 531903703	6,674 28,103	0.15 0.65	Soil/Grass	6 3	R-30	1				
7-25	4,723	0.11	Alameda Co. Flood Control		98th Ave.	94603	045 532000203	4,723	0.11	Hard Surface	4	R-30	1				X
7-26	15,696	0.36	State of California State of California City of Oakland		9842 Koford Rd. 9848 Koford Rd. 9842 Koford Rd.	94603	045 532200602 045 532200702 045 532200703	1,485 113 14,098	0.03 0.00 0.32	Soil/Grass	1 0 1	R-30	1		X		X
7-27	5,257	0.12	State of California		9819 Hesket Rd.	94603	045 532200900	5,257	0.12	Soil/Grass	1	OS (NP)	1		X		X
7-28	16,535	0.38	Alameda Co. Flood Control		105th Ave.	94603	045 537001801	16,535	0.38	Soil/Grass	1	R-30	1		X		
7-29	213,207	4.90	City of Oakland		105th Ave. Knight St. 105th Ave. 105th Ave. Knight St.	94603	045 537002001 045 537002200 045 537101300 045 537002001 045 537002200	58,769 15,130 65,329 58,769 15,130	1.35 0.35 1.50 1.35 0.35	Soil/Grass	1 0 0 1 0	R-40 R-30 C-10 R-40 R-30	1		X		X
7-31	30,849	0.71	OUSD		El Paseo Dr.	94603	045 542000104	30,849	0.71	Soil/Grass	0	OS (NP)	1		X		X
7-32	5,975	0.14	Alameda Co. Flood Control		Preda St.	94577	075 020700900	5,975	0.14	Soil/Grass	4	R-30	1				X
7-33	2,991	0.07	City of Oakland		1148 71st Ave.	94621	041 413502800	2,991	0.07	Soil/Grass	0	R-50	1		X	X	X
7-34	10,894	0.25	OUSD		79th Ave.	94608	041 421100100	10,894	0.25	Soil/Grass	0	M-30	4				X
7-35	24,364	0.56	OUSD		79th Ave.	94608	041 421100100	24,364	0.56	Mixed Surface	0	R-50	1				X
7-36	14,501	0.33	City of Oakland		85th Ave.	94621	042 431300800	14,501	0.33	Soil/Grass	0	M-40	4				X
7-37	4,816	0.11	Housing Authority		1731 89th Ave.	94621	043 458901000	4,816	0.11	Hard Surface	0	R-30	1				X
7-38	6,889	0.16	Parks and Recreation	88th Ave. Mini Park	88th Ave. 1803 88th Ave.	94621	043 459000600 043 459000700	2,015 4,819	0.05 0.11	Soil/Grass Hard Surface	1	OS (AMP)	1				X
7-39	577	0.01	City of Oakland		Bancroft Ave.	94621	043 460601501	577	0.01	Soil/Grass	1	R-40	1				X
7-40	80,294	1.84	Parks and Recreation	Elmhurst Park	98th Ave.	94621	044 498100900	80,294	1.84	Soil/Grass	0	C-10	1				X
7-41	6,581	0.15	Parks and Recreation	Holly Mini Park	Holly St. 9826 Holly St.	94603	046 542801500 046 542801600	3,529 2,951	0.08 0.07	Soil/Grass	0	OS (AMP)	1		X		X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
7-42	23,748	0.55	AC Transit		105th Ave.	94603	047 551900403	23,748	0.55	Soil/Grass	0	M-20	1				X
7-43	358,146	8.22	Parks and Recreation	Dunsmuir House	Peralta Oaks Ct.	94605	048 565800107	358,146	8.22	Soil/Grass	16	OS (SU)	1	OS	X		X
7-44	1,114,611	25.59	Parks and Recreation		Peralta Oaks Ct.	94605	048 565800107	221,878	5.09		16	OS (SU)	1				
			Parks and Recreation	Dunsmuir House	Peralta Oaks Ct.	94605	048 565800107	16,828	0.39	Soil/Grass	16	OS (SU)	1	OS			X
			EBMUD		Peralta Oaks Dr.	94609	048 565800200	821,287	18.85		15	OS (SU)	1				
			East Bay Regional Parks		2950 Peralta Oaks Ct.	94605	048 565800302	40,881	0.94		6	S-3	4				
7-45	3,511,868	80.62	Parks and Recreation	Dunsmuir House	Peralta Oaks Ct.	94605	048 565800107	275,411	6.32		16	OS (SU)		RC			
			Parks and Recreation	Dunsmuir House	Foothill Blvd.	94605	048 581300108	2,500,821	57.41		18	R-30		OS			
			Parks and Recreation	Dunsmuir House	Foothill Blvd.	94605	048 581300108	126,855	2.91		18	R-30		RC			
			Parks and Recreation	Dunsmuir House	Revere Ave.	94603	048 581300204	4,759	0.11		29	R-30		RC			
			Parks and Recreation	Dunsmuir House	Revere Ave.	94603	048 581300204	4,506	0.10	Soil/Grass	29	R-30	1				X
			Parks and Recreation	Dunsmuir House	Revere Ave.	94603	048 581300205	9,391	0.22		20	R-30		RC			
			Parks and Recreation	Dunsmuir House	Revere Ave.	94603	048 581300205	272	0.01		20	R-30		RC			
			Parks and Recreation	Dunsmuir House	Revere Ave.	94603	048 581300211	56,262	1.29		35	R-30		RC			
			Parks and Recreation	Lake Chabot Golf Course	Foothill Blvd.	94603	048 581300305	524,706	12.05		17	OS (SU)		OS			
			EBMUD	Lake Chabot Golf Course	Foothill Blvd.	94603	048 581300306	4,607	0.11		21	OS (SU)		OS			
7-46	2,787,714	64.00	EBMUD		Fontaine St.	94608	040A345604700	9,342	0.21	Soil/Grass	20	R-30		RC			
			City of Oakland		Mountain Blvd.	94605	043A467500321	1,065,746	24.47	Mixed Surface	11	R-50		RC			
			City of Oakland		Mountain Blvd.	94605	043A467500321	294,393	6.76	Mixed Surface	11	R-50		OS			
			City of Oakland		Mountain Blvd.	94605	043A467500321	75,485	1.73	Mixed Surface	11	R-50		RC			
			City of Oakland		Mountain Blvd.	94605	043A467500321	263,199	6.04	Mixed Surface	11	R-50	1	RC	X		X
			City of Oakland		Mountain Blvd.	94605	043A467500321	916,166	21.03	Mixed Surface	11	R-50		OS			
			EBMUD		Mountain Blvd.	94621	043A467500400	27,771	0.64	Soil/Grass	18	C-10/S-4		OS			
			City of Oakland		Barcelona St.	94621	043A471200100	64,162	1.47	Soil/Grass	12	R-30		RC			
			City of Oakland		St.Andrews Rd.	94603	048 686500201	71,451	1.64	Soil/Grass	11	R-30		RC			
7-47	2,168	0.05	Parks and Recreation		90th Ave.	94621	043A463804100	2,168	0.05	Soil/Grass	6	R-30	1			X	X
7-48	21,066	0.48	City of Oakland		8327 Golf Links Rd.	94605	043A464400902	21,066	0.48	Soil/Grass	8	R-30	1		X		X
7-49	7,078	0.16	City of Oakland		2824 82nd Ave.	94605	043A464400202	2,855	0.07	Soil/Grass	6	C-10	1		X	X	X
					Golf Links Rd.		043A464402509	3,852	0.09								
7-50	5,664	0.13	City of Oakland		8395 Golf Links Rd.	94605	043A465100905	5,664	0.13	Soil/Grass	16	R-30	1		X		X
7-51	6,451	0.15	City of Oakland		8379 Golf Links Rd.	94605	043A465100914	6,451	0.15	Soil/Grass	17	R-30	1		X	X	X
7-52	5,720	0.13	City of Oakland		8477 Golf Links Rd.	94605	043A465101904	5,720	0.13	Soil/Grass	9	R-30	1		X	X	X
7-53	113,230	2.60	Parks and Recreation		Granada Ave.	94621	043A467500206	2,309	0.05	Soil/Grass	11	R-30	1	RC	X		X
			Parks and Recreation	King Estates Park	Granada Ave.		043A467500206	860	0.02		11						
			Parks and Recreation		Crest Ave.		043A467500218	80,419	1.85		15						
			State of California		Granada Ave.		043A467503900	29,571	0.68		15						
7-54	1,078,590	24.76	Parks and Recreation	King Estates Park	Crest Ave.	94621	043A467500224	1,078,590	24.76	Soil/Grass	17	OS (RCA)	1	RC	X		X
7-55	2,345,132	53.84	Parks and Recreation	King Estates Park	Fontaine St.	94605	043A464907207	27,182	0.62	Soil/Grass	19	OS (RCA)	1	RC	X		X
						94605	043A464907207	35,835	0.82		19						
						94621	043A467500225	1,468,419	33.71		16						
						94621	043A467500230	813,698	18.68		9						
7-56	11,936	0.27	Parks and Recreation	King Estates Park	Fontaine St.	94621	043A467500231	11,936	0.27	Soil/Grass	6	OS (RCA)	1	RC	X		X
7-57	103,413	2.37	State of California		Fontaine St.	94621	043A467504000	103,413	2.37	Soil/Grass	15	R-30	1	RC	X		X
7-58	28,889	0.66	Parks and Recreation	Knowland Park	9774 Mountain Blvd.	94605	043A467602401	28,889	0.66	Soil/Grass	15	R-30	1				X
7-59	14,449	0.33	EBMUD		Burr St.	94621	043A476000106	14,449	0.33	Soil/Grass	21	R-40	1				X
7-60	24,836	0.57	EBMUD		Burr St.	94621	043A476000106	24,836	0.57	Soil/Grass	21	R-40	1		X		X
7-61	45,105	1.04	EBMUD		Burr St.	94621	043A476000106	45,105	1.04	Soil/Grass	21	R-40	1				X
7-62	110,244	2.53	Parks and Recreation	Verdese Carter Park	9600 Sunnyside St.	94603	046 546800303	110,244	2.53	Soil/Grass	1	OS (NP)	1	OS	X		X
7-63	11,098	0.25	Housing Authority		2243 98th Ave.	94603	046 547500612	6,537	0.15	Soil/Grass	2	C-10	1		X		X
					2263 98th Ave.		046 547500613	4,561	0.10	Hard Surface		R-50					
7-64	9,618	0.22	City of Oakland		100th Ave.	94603	047 555601903	9,618	0.22	Soil/Grass	1	R-30	1		X		X
7-65	11,699	0.27	City of Oakland		103rd Ave.	94603	047 555702003	11,699	0.27	Soil/Grass	1	R-30	1		X		X
7-66	14,394	0.33	City of Oakland		103rd Ave.	94603	047 555803703	14,394	0.33	Soil/Grass	0	R-30	1				X
7-67	11,249	0.26	City of Oakland		2475 98th Ave.	94605	048 559902600	3,502	0.08	Soil/Grass	8	R-30	1		X		X
					2469 98th Ave.		048 559902700	3,750	0.09			R-30					
					2463 98th Ave.		048 559902800	3,997	0.09			C-10					
7-68	13,705	0.31	City of Oakland		2515 98th Ave.	94605	048 560301400	13,705	0.31	Soil/Grass	5	R-30	1		X	X	X
7-69	4,677	0.11	City of Oakland		2661 98th Ave.	94605	048 561300900	4,677	0.11	Soil/Grass	6	R-30	1		X		X
7-70	20,206	0.46	City of Oakland		2656 98th Ave.	94605	048 561700901	5,689	0.13	Soil/Grass	9	R-30	1		X	X	X
					2660 98th Ave.		048 561701004	14,517	0.33		7						
7-71	50,282	1.15	State of California		98th Ave.	94603	048 565500200	50,282	1.15	Soil/Grass	18	C-10	1				X
7-72	908,738	20.86	Parks and Recreation	Knowland Park	9769 Golf Links Rd.	94605	048 565500300	908,738	20.86	Soil/Grass	10	C-10	1	RC			X
7-73	208,538	4.79	Parks and Recreation	Knowland Park	9769 Golf Links Rd.	94605	048 565500300	186,471	4.28	Soil/Grass	10	C-10	1	OS			X
					Golf Links Rd.	94603	048 616200700	21,654	0.50		19	OS (SU)		RC			
7-74	479,878	11.02	Parks and Recreation	Knowland Park	9769 Golf Links Rd.	94605	048 565500300	479,878	11.02	Soil/Grass	10	C-10	1	OS		X	X

Site	Open Area (Total) (sq ft)	(acres)	Agency/Department	Use	Address	ZIP	APN	Open Area (Parcel) (sq ft)	(acres)	Ground Cover	Slope (%)	Zoning	Ag Use	Gen. Plan	School	H2O	Bus
			Parks and Recreation	Dunsmuir House	Peralta Oaks Ct.		048 565800107	443,759	10.19		16	OS (SU)					
7-75	589,199	13.53	Parks and Recreation	Dunsmuir House	Peralta Oaks Ct.	94605	048 565800107	101,851	2.34	Soil/Grass	16	OS (SU)	1	OS	X		
			OUSD	Hellman Rec. Area	3400 Malcolm Ave.		048 616604106	41,516	0.95		21	OS (NP)					
7-76	5,406	0.12	Parks and Recreation	Dunsmuir House	Peralta Oaks Ct.	94605	048 565800107	5,406	0.12	Soil/Grass	16	OS (SU)	1	OS	X		
7-77	5,588	0.13	Parks and Recreation	Knowland Park	Peralta Oaks Dr.	94609	048 566102703	5,588	0.13	Soil/Grass	7	R-30	1				X
7-78	6,401	0.15	Parks and Recreation	Knowland Park	Peralta Oaks Dr.	94609	048 566201303	6,401	0.15	Soil/Grass	7	R-30	1				X
7-79	6,162	0.14	City of Oakland		2946 Barrett St.	94605	048 566204702	6,162	0.14	Soil/Grass	7	R-30	1			X	X
7-80	11,350	0.26	EBMUD		3055 Malcolm Ave.	94605	048 566402603	11,350	0.26	Soil/Grass	8	R-30	1		X		
7-81	4,536,994	104.16	Parks and Recreation	Knowland Park	9769 Golf Links Rd.	94605	048 565500300	100,846	2.32	Soil/Grass	10	C-10	1	OS	X		X
					Golf Links Rd.		048 616200107	4,436,148	101.84		11	OS (SU)		RC			
7-82	123,561	2.84	Parks and Recreation	Knowland Park	9769 Golf Links Rd.	94605	048 565500300	62,614	1.44	Soil/Grass	10	C-10	1	OS			X
					Golf Links Rd.		048 616200107	60,707	1.39		11	OS (SU)					
7-83	122,348	2.81	Parks and Recreation	Knowland Park	Golf Links Rd.	94603	048 616200700	122,348	2.81	Soil/Grass	19	OS (SU)	1	RC			X
7-84	6,396	0.15	Parks and Recreation	Knowland Park	10100 Golf Links Rd.	94605	048 640200501	6,396	0.15	Soil/Grass	9	OS (RCA)	1	RC			X
7-85	7,392	0.17	Parks and Recreation	Knowland Park	10100 Golf Links Rd.	94605	048 640200501	7,392	0.17	Soil/Grass	9	OS (RCA)	1	RC			X
			City of Oakland				048 640700301	9,240	0.21		16						
7-86	82,778	1.90	City of Oakland	Knowland Park	Golf Links Rd.	94605	048 640700301	42,538	0.98	Soil/Grass	16	OS (RCA)	1	RC			X
			Parks and Recreation				048 640800201	28,432	0.65		18						
7-87	15,737	0.36	City of Oakland		Golf Links Rd.	94605	048 640700301	15,737	0.36	Soil/Grass	16	OS (RCA)	1	RC			X
7-88	44,873	1.03	Parks and Recreation	Knowland Park	Gateview Dr.	94603	048 641100100	44,873	1.03	Soil/Grass	20	OS (SU)	1	RC			X
7-89	5,892	0.14	City of Oakland		Sequoyah Rd.	94605	048 641300405	5,892	0.14	Soil/Grass	14	R-30	1	OS			X
7-90	38,704	0.89	Parks and Recreation	Open space	Sterling Dr.	94605	040A344902301	38,704	0.89	Soil/Grass	16	R-30	1		X		X
7-91	27,005	0.62	EBMUD		Keller Ave.	94619	037A315200900	22,445	0.52	Soil/Grass	3	R-30	1	OS			X
					Mountain Blvd.	94621	043A467500400	3,993	0.09		18	C-10/S-4					
7-92	257,057	5.90	Parks and Recreation	Dunsmuir House	Revere Ave.	94605	048 581300109	257,057	5.90	Soil/Grass	19	R-30	1	OS			
7-93	51,423	1.18	Parks and Recreation	Dunsmuir House	Revere Ave.	94605	048 581300109	51,423	1.18	Soil/Grass	19	R-30	1	RC			
7-94	881,319	20.23	Parks and Recreation	Lake Chabot Golf Course	11450 Golf Links Rd.	94605	048 581300304	881,319	20.23	Soil/Grass	12	OS (RCA)	1	OS			
7-95	12,978	0.30	East Bay Regional Parks	Lake Chabot Golf Course	Estudillo Ave.	94603	048 581300407	12,978	0.30	Soil/Grass	14	OS (RCA)	1	RC			
7-96	44,133	1.01	East Bay Regional Parks	Lake Chabot Golf Course	Estudillo Ave.	94603	048 581300407	44,133	1.01	Soil/Grass	14	OS (RCA)	1	RC			
7-97	49,894	1.15	East Bay Regional Parks	Lake Chabot Golf Course	Estudillo Ave.	94603	048 581300407	49,894	1.15	Soil/Grass	14	OS (RCA)	1	RC			
7-98	327,294	7.51	EBMUD	Chabot Park	Estudillo Ave.	94603	048 581300502	327,294	7.51	Soil/Grass	17	OS (RCA)	1	RC			
7-99	121,155	2.78	EBMUD	Chabot Park	Estudillo Ave.	94603	048 581300502	121,155	2.78	Soil/Grass	17	OS (RCA)	1	RC			
7-100	7,425	0.17	EBMUD	Chabot Park	Estudillo Ave.	94603	048 581300502	7,425	0.17	Soil/Grass	17	OS (RCA)	1	RC			
7-101	185,918	4.27	EBMUD	Chabot Park	Estudillo Ave.	94603	048 581300600	185,918	4.27	Soil/Grass	9	OS (NP)	1	RC			
							048 581300502	23,203	0.53		17	OS (RCA)					
7-102	63,528	1.46	EBMUD	Chabot Park	Estudillo Ave.	94603	048 581300600	20,582	0.47	Soil/Grass	9	OS (NP)	1	RC			
							048 581300600	19,575	0.45		9	OS (NP)					
7-103	32,799	0.75	EBMUD	Chabot Park	Estudillo Ave.	94603	048 581300600	32,799	0.75	Soil/Grass	9	OS (NP)	1	RC			
7-104	9,694	0.22	EBMUD	Chabot Park	Estudillo Ave.	94603	048 581300600	9,694	0.22	Soil/Grass	9	OS (NP)	1	RC			
7-105	3,987	0.09	EBMUD	Dunsmuir House	Revere Ave.	94603	048 614004200	3,987	0.09	Soil/Grass	34	R-30	1	RC			
					247 Marlow Dr.	94605	048 614000100	2,685	0.06		3	OS (NP)					
					Revere Ave.	94603	048 614002703	2,224	0.05		29	OS (RCA)					
7-106	43,965	1.01	Parks and Recreation	Sheffield Rec Center	Revere Ave.	94603	048 614002704	4,480	0.10	Soil/Grass	23	OS (RCA)	1				X
					Revere Ave.	94603	048 614002704	1,443	0.03		23	OS (RCA)					
					251 Marlow Dr.	94605	048 615601200	31,771	0.73		10	OS (RCA)					
7-107	109,608	2.52	Parks and Recreation	Lake Chabot Golf Course	Foothill Blvd.	94603	048 581300305	109,608	2.52	Soil/Grass	17	OS (SU)	1	OS			
7-108	1,752,680	40.24	Parks and Recreation	Knowland Park	Golf Links Rd.	94603	048 616200108	1,752,680	40.24	Soil/Grass	13	OS (RCA)	1	RC	X		X
7-109	42,117	0.97	Parks and Recreation	Knowland Park	Golf Links Rd.	94603	048 616200108	42,117	0.97	Soil/Grass	13	OS (RCA)	1	RC			
7-110	123,150	2.83	Parks and Recreation	Knowland Park	Golf Links Rd.	94603	048 616200108	123,150	2.83	Soil/Grass	13	OS (RCA)	1	RC	X		X
7-111	103,040	2.37	Parks and Recreation	Knowland Park	Golf Links Rd.	94603	048 616200108	103,040	2.37	Soil/Grass	13	OS (RCA)	1	RC			X
7-112	1,933	0.04	Parks and Recreation	Open space	56 Montowwod Way	94605	048 617800200	1,933	0.04	Soil/Grass	7	R-30	1				
7-113	7,560	0.17	City of Oakland		Sequoyah Rd.	94605	048 681800101	7,560	0.17	Soil/Grass	13	R-30	1				X
7-114	43,844	1.01	EBMUD		Keller Ave.	94605	048 686900600	18,875	0.43	Soil/Grass	19	R-20	1			X	X
			City of Oakland				048 686900700	24,740	0.57		18						

Appendix B: GIS Methodology

Data/Projections:

Vector data

Shape files for boundaries (City of Oakland and City Council Districts), infrastructure (streets, EBMUD meters, bus lines, etc), zoning, and physical geography were obtained from the GIS database at the City of Oakland's Community Economic Development Agency (CEDA) in Fall 2004. Parcel level data ("VWPARCELAPNASSESSOR.shp") from the Alameda County Office of the Assessor were obtained from CEDA in March 2009. Addresses for school gardens (2006 data) was obtained from Alameda County Cooperative Extension. A list of existing community gardens was compiled from the Oakland Parks and Recreation website, and includes UA project gardens City Slicker Farms, People's Grocery, Oakland Food Connection, OBUGs, Village Bottom Farms, Phat Beets Produce, and the East Bay Refugee Project.

Data Limitations: Metadata for the assessor file was incomplete, so there is no guarantee that it was up to date despite the description: "complete, updated quarterly". City Council District boundaries may have shifted since boundary polygons were created. School garden data may have changed slightly since 2006—there has been a small increase in the number of gardens.

Raster data

One-meter resolution aerial imagery obtained from USDA National Agriculture Imagery Program (NAIP) and used to visually identify vacant parcels. 10-m digital elevation models (DEMs) for Richmond, Briones Valley, Oakland West, Oakland East, Hunter's Point, Las Trampas Ridge, San Leandro, and Hayward were downloaded from the USGS Bay Area Regional Database website (bard.wr.usgs.gov).

Data Limitations: Because NAIP imagery was flown in 2005, vacant parcels were cross-checked using current Google Maps imagery available online (maps.google.com). NAIP imagery flown in Summer 2009 was released in October 2009 and could be used to cross-check this work.

Projection

WGS 1984 UTM Zone10N

1. Identification of Vacant Publicly-Owned Parcels

Using ArcGIS 9.3, we first identified publicly-owned parcels by querying of assessor's parcel data (VWPARCELAPNASSESSOR.shp) for "Exempt public agencies" in the "Use Description" field [Selection/Select by Attributes] and exported to a new layer (PublicLand.shp). We then queried the "Owner Name" field to locate parcels owned by city, county, regional, state, and federal agencies (listed in Box 2). Parcels listing the name of an individual in the "Owner Name" field instead of an agency name were excluded from the inventory and deleted from the file.

The publicly-owned parcel layer (PublicLand.shp) was overlaid on 1-m resolution NAIP imagery in order to visually identify vacant parcels. Publicly-owned parcels that were already developed (e.g., buildings, playing fields, parking lots) were excluded from the inventory. Parcels containing more than 500 sq. ft. of undeveloped land were selected and exported to create a new file (Inv.shp). "Undeveloped land" consisted of arable open space (soil or grass), dense vegetation (trees or shrubs), and semi-permeable or impermeable surface (e.g., gravel, asphalt or concrete) that was not clearly in use (e.g., as a parking lot). Developed areas were clipped from each polygon [Editor/Modify Tasks/Cut Polygon Features].

Because imagery was flown in 2005, all undeveloped parcels were cross-checked using current (2009) Google Maps imagery available online (maps.google.com). Parcels that had been visibly developed since 2005 were removed or modified according to the above criteria.

2. Ground Cover

Parcels were analyzed visually using NAIP imagery to determine ground cover. Initially, we selected parcels that fell into the following three categories:

1) Soil/Grass: Parcels containing open soil and grass with less than 25% coverage by dense vegetation or hard surface.
2) Mixed Surface: Parcels containing more than 25% hard surface (asphalt, concrete, or gravel) but at least 500 sq. ft of contiguous open soil/grass.
3) Hard Surface: Parcels containing more than 25% hard surface (asphalt, concrete, or gravel) and less than 500 sq. ft. of contiguous open soil/grass.
4) Dense Vegetation: Parcels containing more than 25% dense vegetation and less than 500 sq. ft of contiguous open soil/grass.

We selected parcels by ground cover attribute [Selection/Select by Attributes], exported a new layer of sites from parcels classified as "dense vegetation" (Agroforestry.shp), and then removed these parcels from the inventory (Inv.shp).

Parcel polygons containing more than 25% tree cover and more than 500 sq. ft. of open soil/grass were modified. A new polygon for the densely vegetated area was created from the existing polygon [Editor/Modify Tasks/Cut Polygon Features], exported as a new layer, merged to the dense vegetation layer (Agroforestry.shp), and removed from the inventory (Inv.shp). Remaining polygons were classified as Soil/Grass.

3. Aggregated Sites
Parcels (Inv.shp) within 25 ft. of each other were then aggregated using the Aggregate tool [Data Management/Aggregate] to create a new layer (Agg.shp). A new "Index" field was created and each aggregated site was manually assigned an identifying index number based on City Council District and spatial location (south to north, using a 2,500 sq. ft. grid overlay).

4. Area
Both Parcel (Inv.shp) and Aggregated (Agg.shp) were clipped to remove areas under water (using Land.shp). Open (vacant) area for both Parcel and Aggregated Site layers was calculated using Hawth's Tools [Table Tools/Add Area Field]. Aggregated sites (and their component parcels) totaling less than 250 sq. ft. were deleted from the inventory. Any remaining individual parcel that is less than 250 sq. ft. therefore belongs to an aggregated site greater than 500 sq. ft. All data was exported to an Excel spreadsheet in order to sort and calculate total areas shown in this report.

5. Slope
To determine parcel slope, DEMs were joined into a single raster file using the raster Mosaic tool [Data Management/Raster/Raster Dataset/Mosaic]. A slope file was created from the DEM mosaic using the Spatial Analyst extension [Surface Analysis/Slope]. Mean slope per parcel (Inv.shp) was calculated using zonal the Zonal Statistics tool [Spatial Analyst/Zonal Statistics]. For the 2010 revision, a raster layer was created from Inv.shp, DEM data added using Raster Calculator. The raster file was reclassified into pixels with slopes < 10 %, 10 to 30 %, and > 30%. Area was calculated using Statistics function and converted from m^2 to acres using Excel.

7. Permitted Agricultural Use
City zoning codes [see Appendix D] were consolidated into four "Permitted Agricultural Use" classifications: 1) Crop/animal raising and plant nurseries; 2) Crop/animal raising only; 3) Plant nurseries only, and 4) Agricultural use not permitted. Permitted Ag Use categories were added to a new field in the Zoning layer (Zoning.shp).

6. Zoning/General Plan Land Use
Zoning and Permitted Ag Use (Zoning.shp) and Resource Conservation, Open Space, and Estuary Plan (GenPlan.shp) codes were spatially joined [Analysis/Spatial join/Intersect] to parcels (Inv.shp).

8. Availability of Water
EBMUD meters [Analysis/Spatial join/Within a distance of 10 feet) were spatially joined to parcels (Inv.shp).

9. Proximity to Schools/Bus Stops:
Schools and AC Transit bus stops within ¼ mile of parcels were spatially joined to the inventory layer (Inv.shp) [Analysis/Spatial join/Within a distance of ¼ mile to parcels].

10. Existing Gardens:
Street addresses for the "Existing Gardens" map were geo-referenced using on online program (www.batchgeocode.com), saved as a text (.txt) file and imported into ArcGIS. Points were added [Tools/Add XY Data] and classified based on garden type.

Appendix C: Calculating Oakland's Fruit & Vegetable Needs

	Population		Fruit			Vegetables		
	%	Est.	Individual		Citywide	Individual		Citywide
	2000	2010	cups/day	lbs/year	tons/year	cups/day	lbs/year	tons/year
Male:								
Under 5 years	3.59	15,187	1	182.5	1,385.8	1	182.5	1,385.8
5 to 9 years	3.84	16,259	1.5	273.75	2,225.4	1.5	273.75	2,225.4
10 to 14 years	3.37	14,252	2	365	2,601.1	2.5	456.25	3,251.3
15 to 17 years	1.86	7,878	2	365	1,437.7	3	547.5	2,156.6
18 to 21 years	2.59	10,975	2	365	2,003.0	3.5	638.75	3,505.2
22 to 61 years	27.91	118,051	2	365	21,544.3	3	547.5	32,316.4
62 years and older	5.08	21,501	2	365	3,924.0	2.5	456.25	4,905.0
Female:								
Under 5 years	3.49	14,770	1	182.5	1,347.8	1	182.5	1,347.8
5 to 9 years	3.70	15,649	1.5	273.75	2,142.0	1.5	273.75	2,142.0
10 to 14 years	3.26	13,810	1.5	273.75	1,890.2	2	365	2,520.3
15 to 17 years	1.85	7,826	1.5	273.75	1,071.2	2.5	456.25	1,785.3
18 to 29 years	9.57	40,461	2	365	7,384.2	2.5	456.25	9,230.3
30 to 49 years	16.39	69,347	1.5	273.8	9,491.9	2.5	456.25	15,819.8
50 years and older	13.48	57,033	1.5	273.8	7,806.3	2	365	10,408.5
TOTAL		**423,000**			**66,254.9**			**92,999.7**

To calculate the fruit and vegetable needs of Oakland's population, we used population data from the 2000 US Census. For each cohort (usually 5 years), we calculated each cohort's percentage of Oakland's total 2000 population. We multiplied this percentage by the 2010 estimated population (423,000) to get a cohort population. We then aggregated cohorts into larger groups based on USDA and Center for Disease Control recommendations for fruit and vegetable intake. See the following websites for these recommendations:

CDC: http://www.fruitsandveggiesmatter.gov/
USDA: http://www.mypyramid.gov/pyramid/vegetables_amount_table.html

Appendix D: Permitted Agricultural Use Zoning

According to Oakland Municipal Code (Title 17: Planning) "Agricultural and Extractive Activities may be permitted upon the granting of a conditional use permit pursuant to the conditional use permit procedure in Chapter 17.134" in the following zones:

Plant Nursery & Crop and Animal Raising

OS OPEN SPACE
R-1 ONE ACRE ESTATE RESIDENTIAL
R-10 ESTATE RESIDENTIAL
R-20 LOW DENSITY RESIDENTIAL
R-30 ONE-FAMILY RESIDENTIAL
R-35 SPECIAL ONE-FAMILY RESIDENTIAL
R-36 SMALL LOT RESIDENTIAL
R-40 GARDEN APARTMENT RESIDENTIAL
R-50 MEDIUM DENSITY RESIDENTIAL
C-10 LOCAL RETAIL COMMERCIAL
C-20 SHOPPING CENTER COMMERCIAL
C-27 VILLAGE COMMERCIAL
C-31 SPECIAL RETAIL COMMERCIAL
C-35 DISTRICT SHOPPING COMMERCIAL
C-40 COMMUNITY THOROUGHFARE COMMERCIAL
C-45 COMMUNITY SHOPPING COMMERCIAL
C-51 CENTRAL BUSINESS SERVICE COMMERCIAL
M-10 SPECIAL INDUSTRIAL ZONE REGULATIONS
M-20 LIGHT INDUSTRIAL ZONE REGULATIONS

Plant Nursery only

C-5 NEIGHBORHOOD COMMERCIAL
C-28 COMMERCIAL SHOPPING DISTRICT
C-30 DISTRICT THOROUGHFARE COMMERCIAL
HBX-1, HBX-2, HBX-3 HOUSING AND BUSINESS MIX COMMERCIAL
IG GENERAL INDUSTRIAL

Crop and Animal Raising only

R-60 MEDIUM-HIGH DENSITY RESIDENTIAL
R-70 HIGH DENSITY RESIDENTIAL
R-80 HIGH-RISE APARTMENT RESIDENTIAL
R-90 DOWNTOWN APARTMENT RESIDENTIAL
C-25 OFFICE COMMERCIAL
C-36 GATEWAY BOULEVARD SERVICE COMMERCIAL
C-55 CENTRAL CORE COMMERCIAL
C-60 CITY SERVICE COMMERCIAL HBX HOUSING AND BUSINESS MIX

Agricultural and Extractive Activities not permitted

C-52 OLD OAKLAND COMMERCIAL
M-30 GENERAL INDUSTRIAL
M-40 HEAVY INDUSTRIAL
IO INDUSTRIAL OFFICE
CIX-1, CIX-2 COMMERCIAL INDUSTRIAL MIX
S-1 MEDICAL CENTER ZONE REGULATIONS
S-2 CIVIC CENTER ZONE REGULATIONS
S-3 RESEARCH CENTER ZONE REGULATIONS

Other Zone Regulations

S-4 DESIGN REVIEW COMBINING ZONE REGULATIONS
S-5 BROADWAY RETAIL FRONTAGE INTERIM COMBINING ZONE REGULATIONS
S-6 MOBILE HOME COMBINING ZONE REGULATIONS
S-7 PRESERVATION COMBINING ZONE REGULATIONS
S-8 URBAN STREET COMBINING ZONE REGULATIONS
S-9 RETAIL FRONTAGE COMBINING ZONE REGULATIONS
S-10 SCENIC ROUTE COMBINING ZONE REGULATIONS
S-11 SITE DEVELOPMENT AND DESIGN REVIEW COMBINING ZONE REGULATIONS
S-12 RESIDENTIAL PARKING COMBINING ZONE REGULATIONS
S-13 MIXED-USE DEVELOPMENT COMBINING ZONE REGULATIONS
S-15 TRANSIT ORIENTED DEVELOPMENT ZONE REGULATIONS
S-16 INDUSTRIAL-RESIDENTIAL TRANSITION COMBINING ZONE REGULATIONS
S-17 DOWNTOWN RESIDENTIAL OPEN SPACE COMBINING ZONE REGULATIONS
S-19 HEALTH AND SAFETY PROTECTION OVERLAY ZONE
S-20 HISTORIC PRESERVATION DISTRICT COMBINING ZONE REGULATIONS
S-20 HISTORIC PRESERVATION DISTRICT COMBINING ZONE REGULATIONS

Use Classifications:

17.10.590 General description of Agricultural and Extractive Activities.
Agricultural and Extractive Activities include the on-site production of plant and animal products by agricultural methods, and of mineral products by extractive methods. They also include certain activities accessory to the above, as specified in Section 17.10.040. (Prior planning code § 2450)

17.10.600 Plant Nursery Agricultural Activities.
Plant Nursery Agricultural Activities include the cultivation for sale of horticultural specialties such as flowers, shrubs, and trees, intended for ornamental or landscaping purposes. They also include certain activities accessory to the above, as specified in Section 17.10.040. (Prior planning code § 2460)

17.10.610 Crop and Animal Raising Agricultural Activities.
Crop and Animal Raising Agricultural Activities include the raising of tree, vine, field, forage, and other plant crops, intended to provide food or fibers, as well as keeping, grazing, or feeding of animals for animal products, animal increase, or value increase. They also include certain activities accessory to the above, as specified in Section 17.10.040. (Prior planning code § 2461)

Source: Oakland Municipal Code, Source Oakland Municipal Code, Title 17. Planning, Chapter 17.10. Use Classifications, Article II. Activity Types, Part 5. Agricultural and Extractive Activity Types

Appendix E: Municipal Code Related to Animal Raising

6.04.320 Keeping of fowl.
It is unlawful for any person to keep any ducks, geese, chickens or other fowls in any enclosure in the city unless the exterior boundaries of said enclosures are more than twenty (20) feet from any dwelling, church or school.
It is unlawful for any person to keep, harbor or maintain roosters within the city limit.
This section shall not prohibit the activity authorized under Section 6.04.290 of this code.
This section shall also not apply to and is not intended to regulate any commercial activity that is already regulated by the Oakland Planning Code. (Ord. 12705 § 3, 2005: Prior code § 3-9.28)

6.04.290 Keeping certain animals in apartment house, hotel and business district.
It is unlawful for any person to raise, or keep, live chickens, ducks, geese or other fowl, or pigeons, rabbits, guinea pigs or goats, in any enclosure or yard on property occupied by an apartment house or hotel or in a business district in the city, except when such fowl or animals are kept within a bona fide produce market, commission house or store for purposes of trade and, while so kept, are confined in small coops, boxes or cages. (Amended during 1997 codification; prior code § 3-9.25)

8.14.240 Keeping live fowl and animals.
It is unlawful for any person to keep live chickens, ducks, geese, turkeys, or other live fowl or animals in any cellar or basement underneath any grocery store, market or other place where foodstuffs are kept for sale.
It is unlawful for any person to keep any live chickens, turkey, ducks, geese or other live fowl or animals where foodstuffs are prepared for sale, or sold. (Prior code § 4-3.24)

12.64.050 Animals.
No person shall lead any horse in the limits of any public park in the city or permit any horse that is not harnessed and attached to a vehicle or mounted by an equestrian, to enter the same, and no person shall turn loose into said parks any dogs, cattle, swine, goats or other animals, or permit the same to run at large in such parks, and police officers and park employees are given authority to capture and destroy any cats found running at large within said parks. (Prior code § 6-3.14)

17.102.140 Special regulations applying to private stables and corrals.
The following regulations shall apply in all zones to private stables, corrals, and similar facilities and to the keeping or training of horses, mules, or donkeys as an accessory activity:
A. Conditional Use Permit Requirement. Such uses are permitted only upon the granting of a conditional use permit pursuant to the conditional use permit procedure in Chapter 17.134.
B. Maximum Number of Animals. No more than three such horses, mules, or donkeys shall be kept or trained on any single lot.
C. Minimum Lot Area. Such uses shall not in any case be located on any lot having a lot area of less than twenty-five thousand (25,000) square feet.
D. Location on Lot. No such stable, corral, or paddock shall be located within thirty (30) feet from any lot line.
E. Screening. All open portions of such facilities shall be screened from abutting lots, streets, alleys, and paths, and from the private ways described in Section 17.106.020, by dense landscaping not less than five and one-half (5½) feet high and not less than three (3) feet wide or by a decorative screening fence or wall not less than five and one-half (5½) feet high, subject to the standards for required landscaping and screening in Chapter 17.124 and the exceptions stated in said chapter. (Ord. 12872 § 4 (part), 2008; prior planning code § 7015)

Source: Oakland Municipal Code, Source Oakland Municipal Code,

Appendix F:

Blueprint for a Publicly Owned Vacant Land Inventory & Management Plan for Urban Agriculture Use

By Dana Rosenberg and Willow Rosenthal of City Slicker Farms (2006). Excerpts reproduced from of the Oakland Food Systems Assessment (Appendix 4)

Recommended Selection Criteria for *Identifying and Categorizing* Publicly Owned Land for Urban Agriculture Use

After combining data from various public entities about parcels, categorization criteria should be used to create lists of properties suitable for various different types of agricultural operations. These lists can then be used by entities seeking to grow food to select a suitable site. In addition, the City itself could seek ways to utilize these properties for public benefit.

City development plans should be carefully considered to ensure that lands developed for agricultural use can have a sufficient tenure to merit infrastructure investment. Rather than removing lands from the pool of possible housing or other development projects, the purpose of the land inventory is to identify and use lands that would otherwise go undeveloped. In addition the following concerns should be considered for each possible site:

- Compatibility with Abutters
- Zoning (especially for commercial agriculture projects)
- Which department currently manages the site and what, if anything, is planned for it?
- Is it a suspected Brownfield?
- If it is a Brownfield, what remediation is necessary?
- Is there public support?
- Degree of neighborhood access to fresh, affordable produce
- Potential for innovation and development of new techniques (pilot projects)

Definition of terms for the following suggested criteria:

Household Gardens*:* The goal of Household Gardens is auto-consumption and increasing food self-sufficiency. In these gardens produce is grown and consumed by an individual household. Participants generally reside near the garden. Although the primary goal is auto-consumption, excess produce may be given away, donated, sold or bartered.

Community Garden**:** The goal of Community Gardens is auto-consumption and increasing participant food self-sufficiency. Community Gardens are neighborhood gardens where produce is grown and consumed by the participating gardeners.
Participants generally reside near the garden. Garden beds may be allocated to individuals or farmed collectively. There may be a coordinator who manages the allocation of space to applicants and maintains collective infrastructure such as tools, sheds, water, etc. Although excess produce may be given away or donated, individual or collective entrepreneurial activity is not the focus of the growing.

Entrepreneurial Operations**:** For profit or nonprofit entrepreneurial farming operations with the goal of food production for income generation. Entrepreneurial farms can be started by individuals, groups of residents or community groups. Produce may be donated, sold at below-market rates to low-income residents or sold at market rates.
Entrepreneurial operations may have a coordinator who manages allocation of space to applicant tenant farmers and maintains collective infrastructure. Although participating farmers may produce some food for auto-consumption, the primary goal of
Entrepreneurial Operations is growing for market.

Growing on Impervious Surfaces or Poor Soil**:** Community Gardens and Entrepreneurial Operations could be started on rooftops or on lands that either have been covered with concrete or have extremely poor soil. These operations would employ strategies such as container gardening or hydroponic growing. In the case of rooftop growing an assessment of the load-bearing ability of the structure and possible reinforcement would need to be undertaken. Rooftop growing of perennial non-edible trees and shrubs can also reduce energy usage and improve air quality.

Brownfield**:** Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment.

Suggested Criteria for Categorizing Public Owned Land for Urban Agriculture Use

(based on Portland Diggable Cities Report)

Urban Agriculture Use Categories Criteria	Household Gardens	Community Gardens	Small-Mid-Scale Entrepreneurial Operations	Mid-Large-Scale Entrepreneurial Operations	Community Gardens or Entrepreneurial Operations Growing on Impervious Surfaces or Poor Soil (Rooftop and concreted over lands)	Non-productive Land that could be used for Green Space / Wildlife Habitat
Minimum size	Minimum site size: none Maximum site size 2,500 sq ft	Minimum site size: 2,500 sq ft Maximum site size: none	Minimum site size: 1,000 square feet Maximum site size: 21,780 sq ft (1/2 acre)	Minimum site size: 21,781 Maximum size: none	Minimum site size: 1,000 or 2,500 sq ft Maximum site size: none	None
Slope	Slope less than 4%	Slope less than 2%. Consider more steeply sloped land case by case	Slope less than 4%	Slope less than 4%	Slope less than 1%	None
Water	Good water access not necessary though preferred	Access to city water	Good water access not necessary though preferred	Good water access not necessary though preferred	Good water access not necessary though preferred	None (native landscaping combined with initial hand watering possible where there is no access)
Soil[187]	Variable quality, free from contaminants	Variable quality, free from contaminants or remediated	Variable quality, free from contaminants or remediated	Variable quality, free from contaminants or remediated	NA	Variable quality, free from contaminants that could harm workers
Safety	Area should be visible by neighbors and fenced	Area should be visible by neighbors; fencing must be installed if lacking	Fencing must be installed if lacking	Fencing must be installed if lacking	Area should be secured (fenced and/or locked)	Landscaping should be maintained so as not to pose hazards to pedestrians or motorists
Density	Can take place in both low and high density areas	Preferably in residential neighbor-hoods of mid- to highdensity	Can take place in both low and high density areas	Can take place in both low and high density areas	Can take place in both low and high density areas	Can take place in both low and high density areas
Tenure	Minimum two years (depending on investment)	Minimum 5-10 years (depending on investment)	Minimum 5-10 years (depending on investment)	Minimum 5-10 years (depending on investment)	Minimum 5-10 years (depending on investment)	None
Usable if Brownfield	If remediated	If remediated	If remediated	If remediated	If remediated	If remediated
Waste Disposal	Must have city waste pickup	Must have city waste pickup	Either city waste pickup or participant removal to landfill	Either city waste pickup or participant removal to landfill	Must have city waste pickup	Either city waste pickup or participant removal to landfill
Access Type	Walk-in or street	Street	Street	Street	Walk-in or street	Walk-in or street

[187] Short-term criteria for which properties to use: soil free of contaminants; long-term criteria for which properties to use: amending very poor soils and more involved remediation

Recommendations for Creating a *Management Plan* for Publicly Owned Vacant Land for Urban Agriculture Use:

1. Create a framework by which the Food Policy Council Committee can manage land. The Committee would act as an intermediary between the City and public agencies and the nonprofit organizations and community groups that intend to use and lease land for urban agriculture purposes
2. Create a contract for leasing land, including restrictions on use of land and whereby owner of land (public agency) is protected from liability
3. Create a Request For Proposals (RFP) process by which public agencies, nonprofit organizations and community groups can apply to lease and use inventoried lands for urban agriculture purposes for a specified period
4. Publicize Publicly Owned Vacant Land Inventory & Management Plan for Urban Agriculture Use to public agencies, nonprofit organizations, community groups and public at large

Recommended Role of Food Policy Council: Land Management Committee

The Committee tasked with undertaking a vacant land inventory and managing those lands would be responsible for:

1. Conducting and updating the inventory
2. Creating a fair process for leasing vacant lands to be used for urban agriculture
3. Defining roles and responsibilities of entities entering into contract for use of inventory identified land
4. Holding deeds to properties used for agriculture
5. Paying or ensuring exemption for real estate taxes
6. Providing liability insurance for groups leasing land (groups could pay insurance premiums but would benefit from group coverage prices)
7. Creating contract templates compliant with City policy
8. Monitoring contracts and terminating or continuing leases as needed
9. Reporting results to the Food Policy Council and Oakland City Council

Recommended RFP Process for Entities Applying to Lease Land

The best way to make lands that have been identified in the inventory available is through a competitive request-for-proposals (RFP) process through which organizations or groups of neighbors can develop proposals for the land. As detailed in the "Diggable Cities" Phase II report, a request for proposals should solicit an application addressing the following concerns:
Proposals should include the following elements at a minimum:

- Problem statement
- Benefits
- Partners
- Expected results
- Timeline
- Demonstration of meeting unaddressed needs or underrepresented populations (Equity, Products, Methods, Diversity of uses)
- Methods of growing: projects should not counter existing City plans. Projects that use organic methods or are in accord with the City's plans should rank more highly.
- An application fee

Criteria for judging proposals could include but are not limited to:

- Diversity of partnerships/stakeholders
- Need addressed
- Public good offered
- Clear goals/timelines
- Organizational capacity and experience
- Level of community partnering
- Feelings of neighbors towards project
- Qualified advisors to project (necessary technical assistance)

The Food Policy Council Land Management Committee tasked with managing the RFP process would use the Food System Plan developed by the Food Policy Council and approved by City Council to guide the decision-making and goal-setting process, prioritizing RFP's that addressed goals laid out in the plan. For instance, if entrepreneurial projects had been given priority in the plan, RFP's proposing an entrepreneurial strategy for food production might be given priority.

After approving proposals for use of vacant lands made available through the inventory, and based on a contractual agreement with the leaser, the Committee would then monitor contractual conditions and continue or revoke leases as needed.

Lease Contract Template

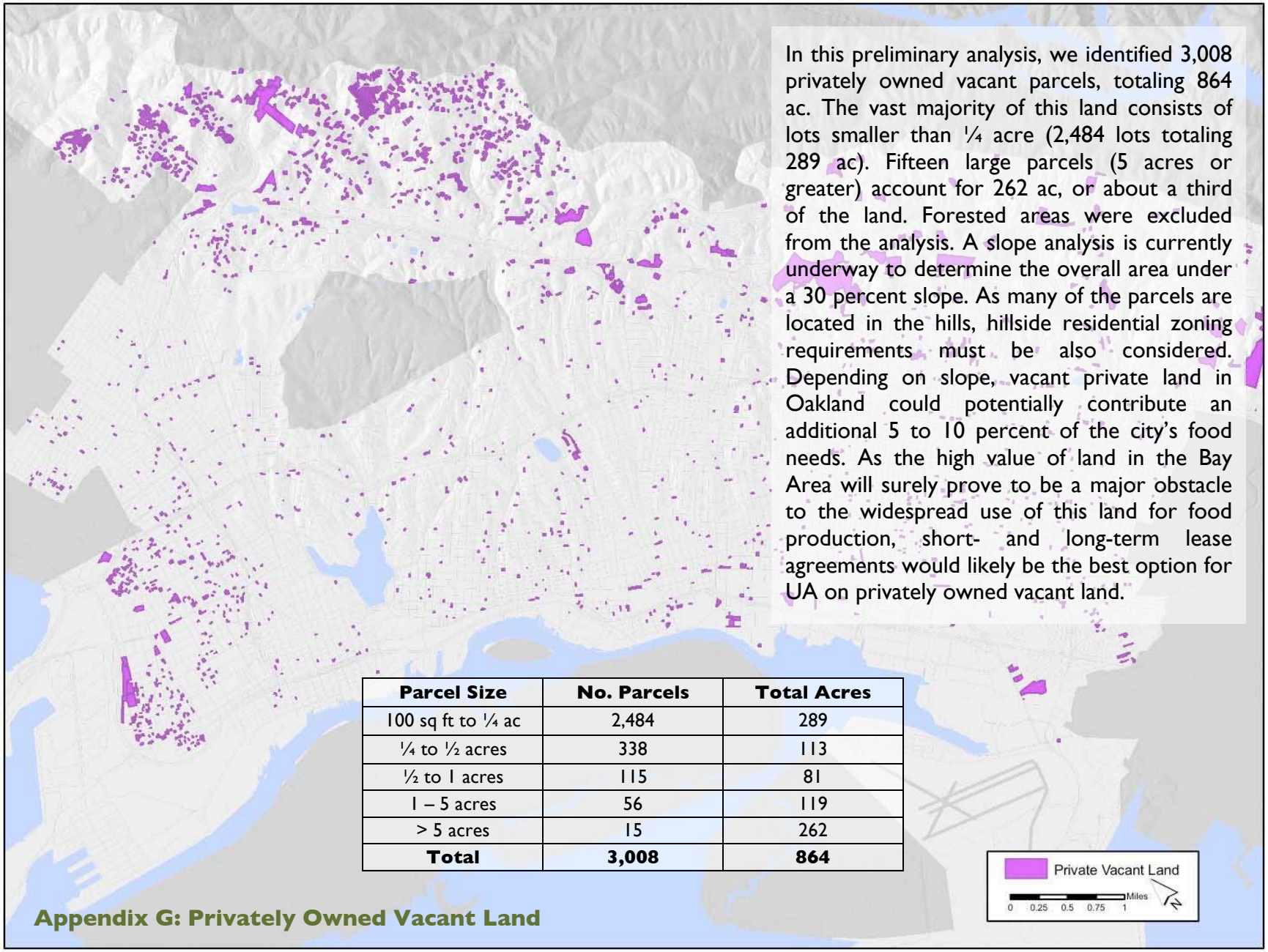
The City of Oakland could address the following points in the creation of an agricultural management contract:

• Definition of Landlord and Tenant
• Premises location
• Allowed uses of land and permitted infrastructure improvements
• Terms of lease
• Rent and security deposit
• Compliance with applicable laws (including agricultural, conservation, hazardous materials)
• Irrigation and water responsibilities
• Maintenance responsibilities
• Subleasing
• Access
• Renewability of lease
• Liability protections

One of the lessons learned through the Diggable Cities project is that the City should try to identify as many issues as possible upfront in the lease language in order to avoid problems, conflicts with neighboring property owners, etc. Oakland could therefore address the following limitations, at a minimum:

- Tractor use, or appropriate times for using
- Use of pesticides, fertilizer, fungicides, etc. (this could be a selection criteria; projects growing organically could rank higher than projects proposing to use these chemicals)
- Expected traffic to the site (number of trips)
- Hours of operation
- Number of people expected on plot at any given time
- Expected decibels of noise pollution created
- Use of animals and restrictions thereof
- Runoff and water pollution
- Tenure of project on land

A City of Oakland Lease Agreement could also utilize elements of the agreement used by NeighborSpace in Chicago. See Appendix 4 of the Oakland Food System Assessment for a copy of this Agreement.



In this preliminary analysis, we identified 3,008 privately owned vacant parcels, totaling 864 ac. The vast majority of this land consists of lots smaller than ¼ acre (2,484 lots totaling 289 ac). Fifteen large parcels (5 acres or greater) account for 262 ac, or about a third of the land. Forested areas were excluded from the analysis. A slope analysis is currently underway to determine the overall area under a 30 percent slope. As many of the parcels are located in the hills, hillside residential zoning requirements must be also considered. Depending on slope, vacant private land in Oakland could potentially contribute an additional 5 to 10 percent of the city's food needs. As the high value of land in the Bay Area will surely prove to be a major obstacle to the widespread use of this land for food production, short- and long-term lease agreements would likely be the best option for UA on privately owned vacant land.

Parcel Size	No. Parcels	Total Acres
100 sq ft to ¼ ac	2,484	289
¼ to ½ acres	338	113
½ to 1 acres	115	81
1 – 5 acres	56	119
> 5 acres	15	262
Total	**3,008**	**864**

Appendix G: Privately Owned Vacant Land

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