

TABLE OF NATURAL LANDSCAPES LAYERS

DESCRIPTION OF LAYER	BENEFITS	POTENTIAL CO-BENEFITS	CRITERIA MET	SOURCE OF LAYER
Land Habitats				
1. <i>Conservation Lands Network – Essential, Important and Fragmented Habitat. (2011)</i> Public and private lands with areas important to biodiversity representing a mosaic of habitats and linkages needed for biodiversity conservation. The CLN maps the links between critical ecosystems and other critical habitat in the Bay Area.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> • Climate and Resilience • Compact Growth 	Terrestrial (Land) Ecosystems: In the Conservation Lands Network.	Bay Area Open Space Council
2. <i>Critical Linkages.</i> Lands essential to maintain or restore functional connectivity among wildlands for all species or ecological processes of interest.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> • Climate and Resilience • Compact Growth 	Terrestrial (Land) Ecosystems: Protects Bay Area Critical Linkage	Science and Collaboration for Connected Wildlands
3. <i>Botanical Priority Protection Areas for the East Bay: Botanical Areas with high priority for opportunities and constraints.</i> Mapping effort across two counties that identified potential botanical area of high priority with opportunities, threats and constraints.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> • Climate and Resilience • Compact Growth 	Terrestrial (Land) Ecosystems: Protects unique habitats and botanical areas of high priority.	California Native Plant Society
4. <i>Bay Area Protected Areas Database.</i> Contains private land with conservation easements, etc. from small parks to large wilderness areas.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> • Recreation • Climate and Resilience • Compact Growth 	Terrestrial (Land) Ecosystems: Protects unique habitats and botanical areas of high priority	Bay Area Open Space Council
5. <i>Resource Conservation Areas.</i> Lands that are zoned Open Space (Resource Conservation Area) on the City's zoning maps.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> • Recreation • Climate and Resilience • Compact Growth 	Terrestrial (Land) Ecosystems: Protects unique habitats and botanical areas of high priority	City of Oakland
6. <i>OSCAR parcels.</i> Areas designated for open space east of I-580, according to the City's Open Space, Conservation, and Recreation Element of the General Plan and zoning maps.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> • Recreation • Climate and Resilience • Compact Growth 	Terrestrial (Land) Ecosystems: Protects unique habitats and botanical areas of high priority	City of Oakland Open Space, Conservation, and Recreation Element of the General Plan and zoning maps
7. <i>East Bay Regional Park Land.</i> Parks within the City	Terrestrial (Land)	<ul style="list-style-type: none"> • Recreation 	Terrestrial (Land) Ecosystems: Protects unique habitats and	City of Oakland

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boundaries managed by the East Bay Regional Park District.	Ecosystems	<ul style="list-style-type: none"> Climate and Resilience Compact Growth 	botanical areas of high priority	
8. <i>Wildlife Refuge</i> . Area designated as protected Wildlife Refuge by California Wildlife Act.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> Recreation Climate and Resilience 	Terrestrial (Land) Ecosystems: Protects critical habitat	State of CA, Wildlife Act
9. <i>Sheared Serpentine Soils/Presidio Clarkia Habitat: Areas with Serpentine Soil and Clarkia franciscana populations</i> . Areas with Serpentine Soil. These areas are critical habitat for the Clarkia franciscana/presidio population.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> Climate and Resilience 	Terrestrial (Land) Ecosystems: Protects critical habitat	US Geological Survey
Specific Species				
10. <i>Pallid (Alameda) Manzanita</i> . Areas known to have endangered species, Pallid Manzanita.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> Climate and Resilience 	Terrestrial (Land) Ecosystems: Protects critical habitat, e.g. areas known to support population of endangered species.	Friends of Sausal Creek
11. <i>Brittle Leaf Manzanita Habitat</i> . Areas known to support rare natural community with distinctive features.	Terrestrial (Land) Ecosystems	<ul style="list-style-type: none"> Climate and Resilience 	Terrestrial (Land) Ecosystems: Protects critical habitat, e.g. areas known to support rare natural community	Oakland Museum
Water Habitat and Features				
12. <i>Priority and Critical Streams</i> . Streams coursing through Oakland that have been identified as important by Conservation Lands Network and USFWS Critical Habitat, recommended to receive substantial protection and restoration for long-term fish conservation. *NOTE: The two streams from this layer are individual PCAs, as shown on the separate "Creek-Related PCAs" Map, Exhibit E	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems Water Supply and Water Quality Terrestrial (Land) Ecosystems 	<ul style="list-style-type: none"> Recreation Climate and Resilience 	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems: Protects streams identified as a Stream Conservation Target in the CLN Water Supply and Water Quality: Protects streams identified as Priority or Critical Streams Terrestrial (Land) Ecosystems: Protects critical riparian ecosystems and diversity of animals that use creeks for corridors. 	BAOSC Conservation Lands Network; US Fish and Wildlife Service Critical Habitat
13. <i>Open Creeks</i> . Waterways in the City of Oakland that have been designated as creeks. *NOTE: This layer composes an entire PCA, as shown on the separate "Creek-Related PCAs" Map, Exhibit E	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems Water Supply and Water Quality Terrestrial (Land) Ecosystems 	<ul style="list-style-type: none"> Recreation Climate and Resilience 	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems: Protects stream identified as a Stream Conservation Target in the CLN Water Supply and Water Quality: Supports watershed health and protects downstream water uses by protecting creek health Terrestrial (Land) Ecosystems: Protects critical riparian ecosystems and diversity of animals that use creeks for corridors. 	City of Oakland
14. <i>Priority Acquisition Creek Parcels (2005)</i> . Creekside Parcels that have been identified for watershed	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems 	<ul style="list-style-type: none"> Recreation Climate and Resilience 	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems: Protects stream identified as a Stream Conservation Target in the CLN 	City of Oakland

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preservation and acquisition.	<ul style="list-style-type: none"> Water Supply and Water Quality Terrestrial (Land) Ecosystems 	Resilience	<ul style="list-style-type: none"> Water Supply and Water Quality: Supports watershed health and protects downstream water uses by protecting creek health Terrestrial (Land) Ecosystems: Protects critical riparian ecosystems and diversity of animals that use creeks for corridors. 	
15. <i>Priority Creek Restoration Sites</i> . Creek sites identified in Measure DD as priorities for restoration. *NOTE: This layer composes an entire PCA, as shown on the separate "Creek-Related PCAs" Map, Exhibit E	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems Water Supply and Water Quality Terrestrial (Land) Ecosystems 	<ul style="list-style-type: none"> Recreation Climate and Resilience 	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems: Protects stream identified as a Stream Conservation Target in the CLN Water Supply and Water Quality: Supports watershed health and protects downstream water uses by protecting creek health Terrestrial (Land) Ecosystems: Protects critical riparian ecosystems and diversity of animals that use creeks for corridors. 	City of Oakland
16. <i>Undeveloped Creekside Parcels (2012)</i> . Parcels within 50 feet of a creek that have \$10,000 or less in improvements and opportunity to preserve creek functions.	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems Water Supply and Water Quality Terrestrial (Land) Ecosystems 	<ul style="list-style-type: none"> Recreation Climate and Resilience 	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems: Protects stream identified as a Stream Conservation Target in the CLN Water Supply and Water Quality: Supports watershed health and protects downstream water uses by protecting creek health Terrestrial (Land) Ecosystems: Protects critical riparian ecosystems and diversity of animals that use creeks for corridors. 	City of Oakland
17. <i>Wetlands</i> . Aquatic features that contain wetland, open water, tidal marshes and flats.	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems Terrestrial (Land) Ecosystems 	<ul style="list-style-type: none"> Recreation Climate and Resilience Compact Growth 	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems: Protects wetlands identified in Baylands Ecosystem Habitat Goals Terrestrial (Land) Ecosystems: Protects critical ecosystems and diversity of species that use wetlands. 	Bay Area Aquatic Resource Inventory (BAARI), San Francisco Estuary Institute
18. <i>Important Bird Areas</i> . Areas designated as essential habitat for birds.	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems Terrestrial (Land) Ecosystems 	<ul style="list-style-type: none"> Recreation Climate and Resilience Compact Growth 	<ul style="list-style-type: none"> Aquatic (Water) Ecosystems: Protects wetlands identified in Baylands Ecosystem Habitat Goals Terrestrial (Land) Ecosystems: Protects critical habitat that supports bird populations and improves biodiversity 	Audubon California