

Data: United State Geological Survey, Altamont, Dublin, & Livermore Quadrangle California 7.5'. 2015. Data Downloadable Online. Accessed [09/18/2018].

Legend:

 Project/Plan Boundary (920 acres)

0 1 2 3 Miles



## Site Vicinity Map Eliot Quarry - SMP 23

CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

Figure 1

1/25/2019

Disclaimer: The data was mapped for planning purposes only. No liability is assumed for accuracy of the data shown.

**COMPASS LAND**  
GROUP





Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

Legend:

 Project/Plan Boundary (920 acres)



Existing Facilities  
Eliot Quarry - SMP 23  
CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

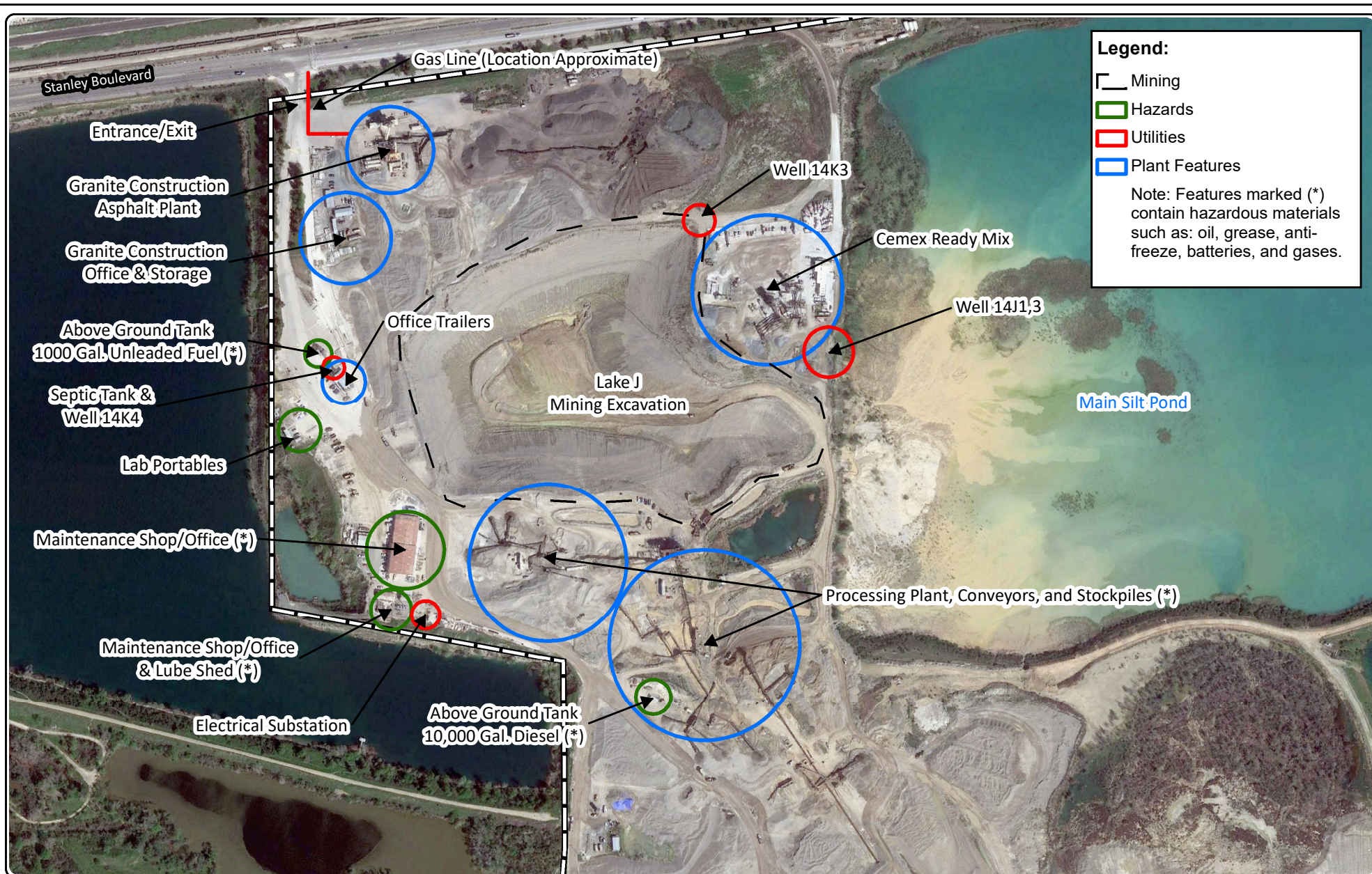
Figure 2a

1/25/2019

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**COMPASS LAND**  
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Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

Legend:

 Project/Plan Boundary

0 250 500 750 1,000 Feet



Plant Site Area Utilities  
Eliot Quarry - SMP 23  
CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

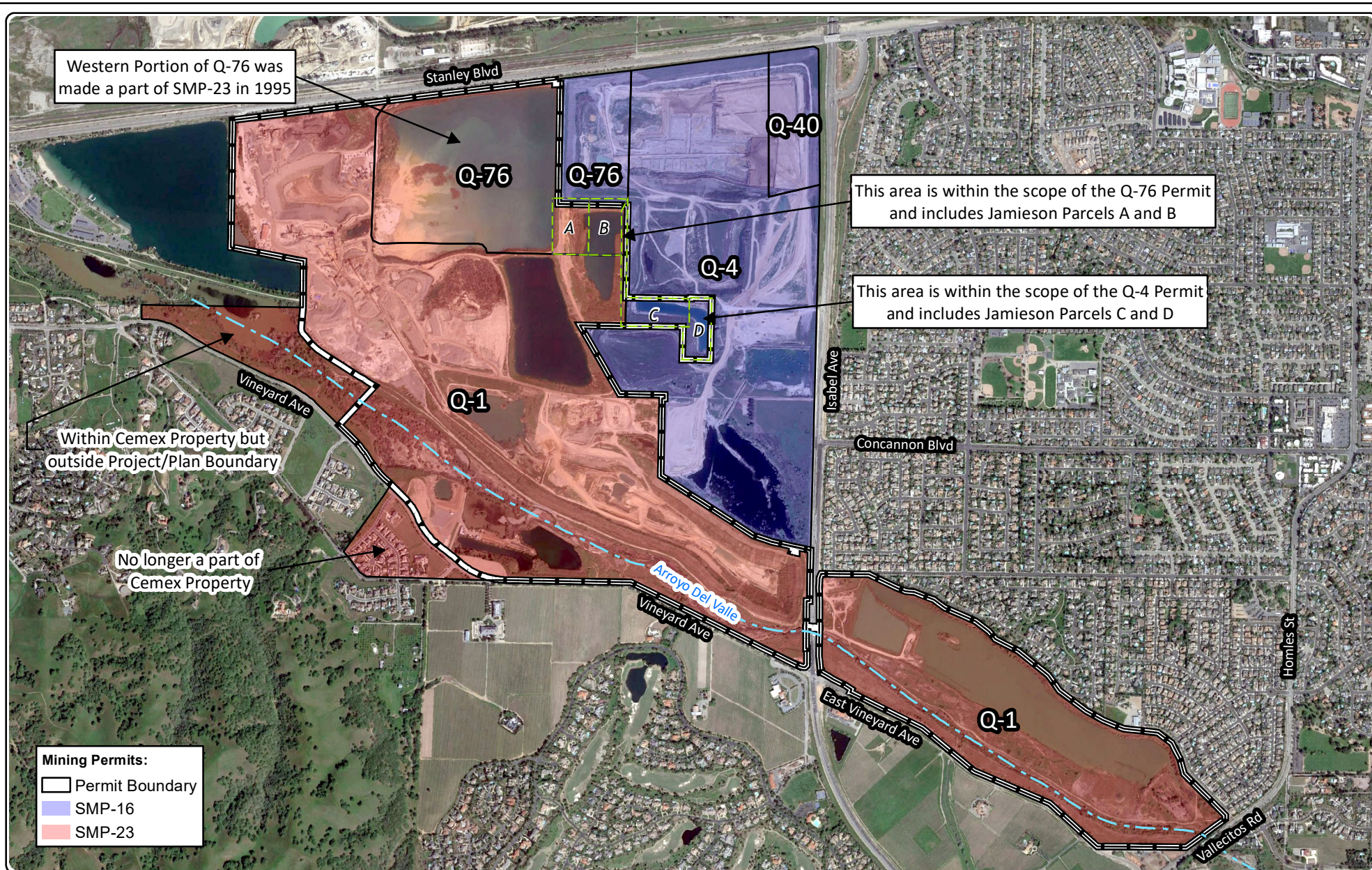
Figure 2b

1/25/2019

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**COMPASS LAND**  
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Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

Legend:

- Project/Plan Boundary (920 acres)
- Jamieson Parcels

Vested Mining Permits  
Eliot Quarry - SMP 23  
CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

Figure 3

1/25/2019

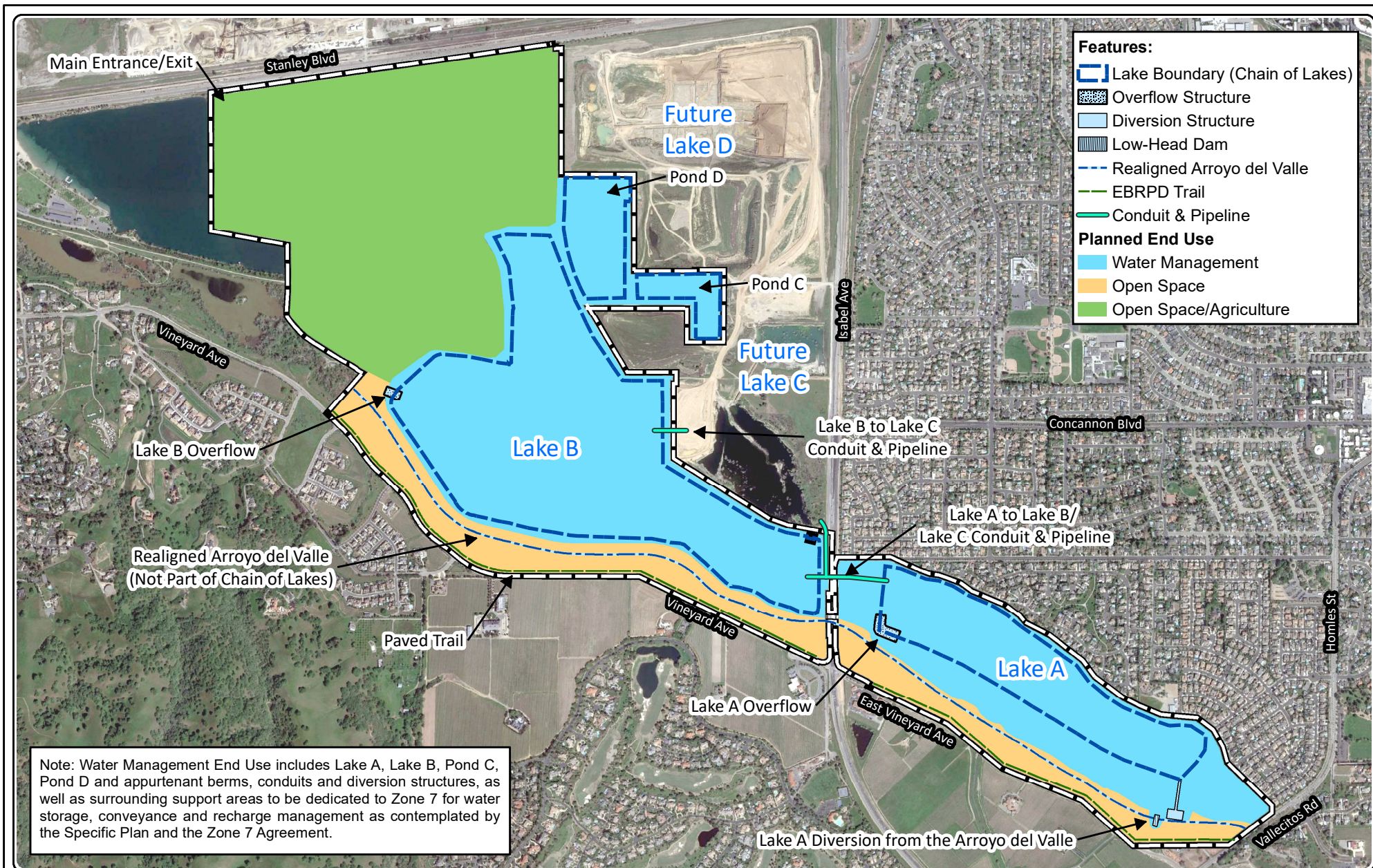
Disclaimer: The data was mapped for planning purposes only. No liability is assumed for accuracy of the data shown.

**COMPASS LAND**  
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0 1,000 2,000 3,000 4,000 Feet







Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

Legend:

 Project/Plan Boundary

0 1,000 2,000 3,000 4,000 Feet



# Reclamation Plan End Use Overview Eliot Quarry - SMP 23 CEMEX Construction Materials Pacific, LLC. Alameda County, California

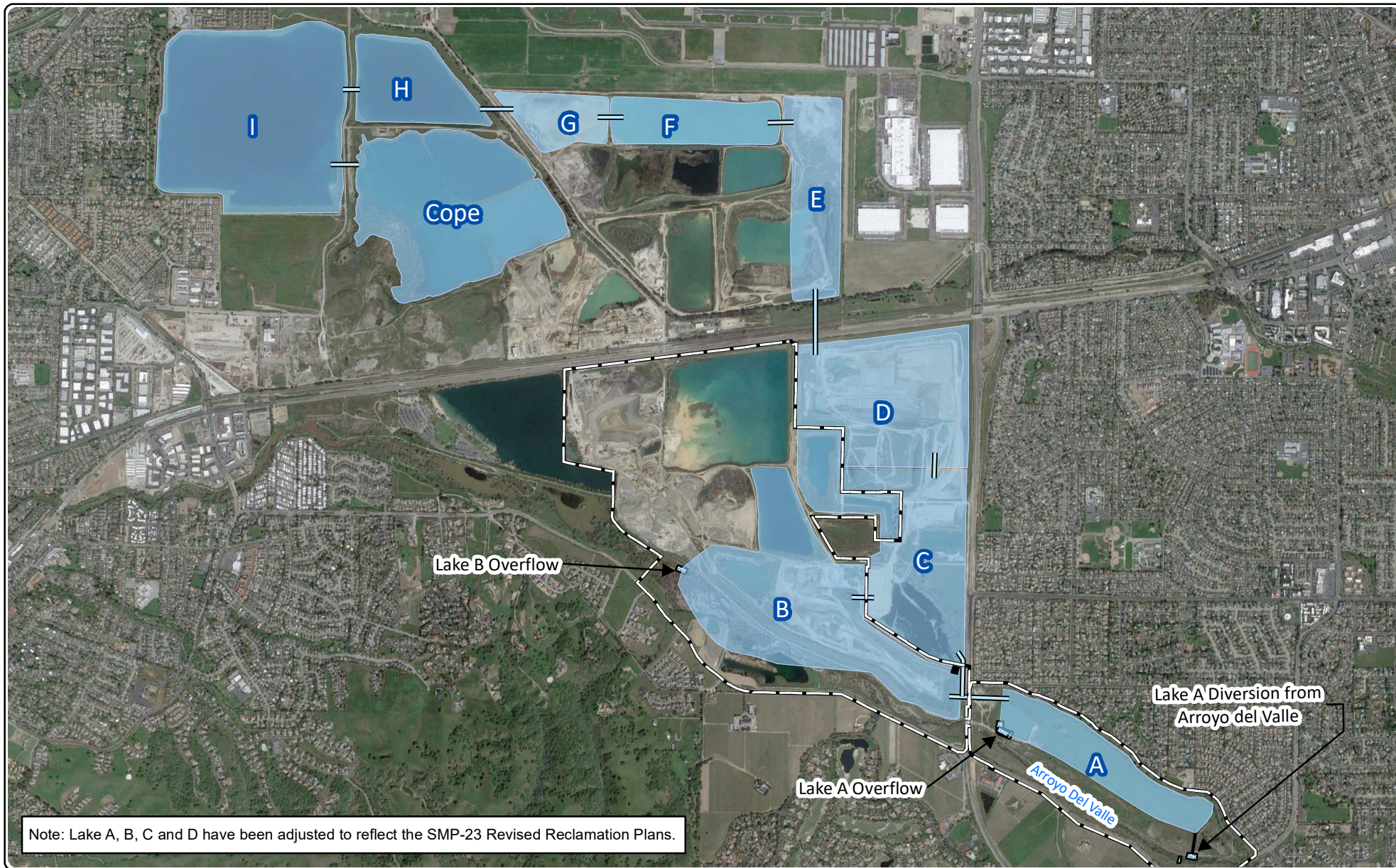
Figure 4

1/25/2019

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**COMPASS LAND**  
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Aerial photo adapted from Google Earth Imagery dated 4/3/2018.  
Chain Of Lakes Proposed Future shapefile, Zone 7, 2015. Shared 12-06-2018.

Legend:

- Project/Plan Boundary
- Lake System Conduit & Pipeline
- Water Structure
- Lake/Pond

0 0.5 1 Miles



# Chain of Lakes Eliot Quarry - SMP 23 CEMEX Construction Materials Pacific, LLC. Alameda County, California

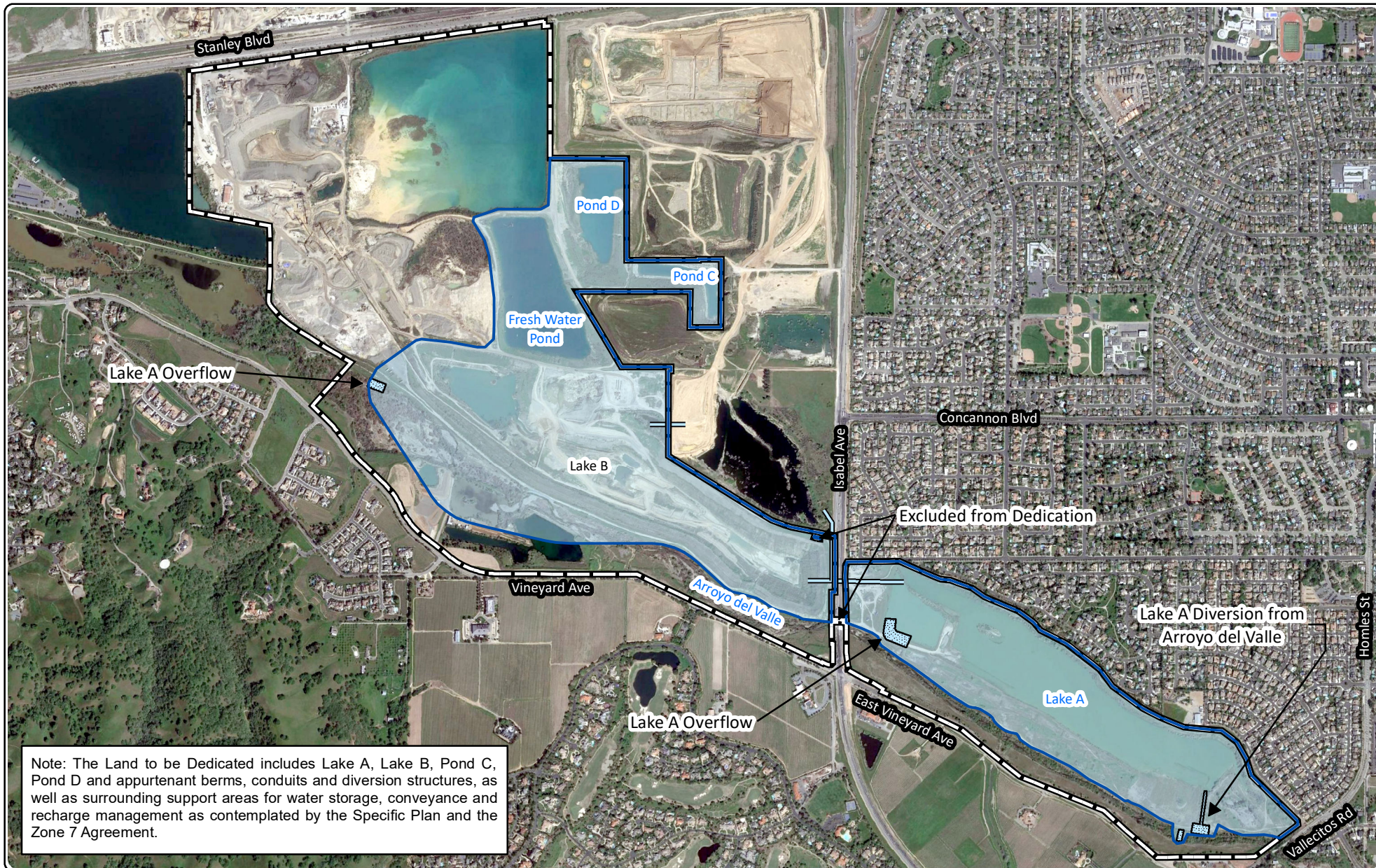
Figure 5

1/25/2019

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**COMPASS LAND**  
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Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

- Legend:
- Project/Plan Boundary (920 acres)
  - Land to be Dedicated (~476 acres)
  - Water Structure
  - Lake System Conduit & Pipeline

0 1,000 2,000 3,000 4,000 Feet N

## Anticipated Zone 7 Land Dedications Eliot Quarry - SMP 23 CEMEX Construction Materials Pacific, LLC. Alameda County, California

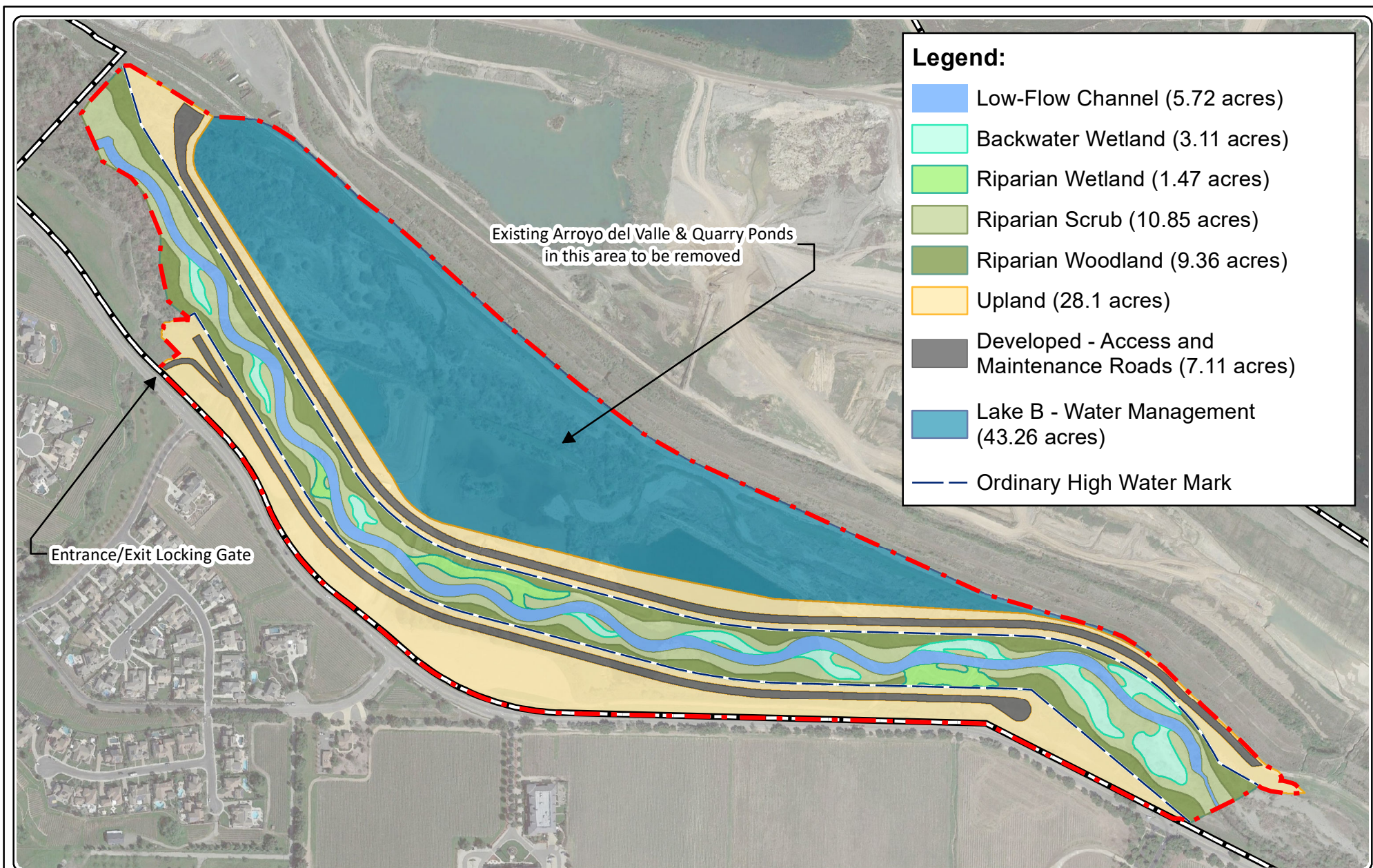
Figure 6

1/25/2019

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**COMPASS LAND**  
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Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

Legend:

- Arroyo del Valle Realignment Area (109 acres)
- Project/Plan Boundary (920 acres)

0 300 600 900 1,200 Feet



Realigned Arroyo del Valle Concept  
Eliot Quarry - SMP 23  
CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

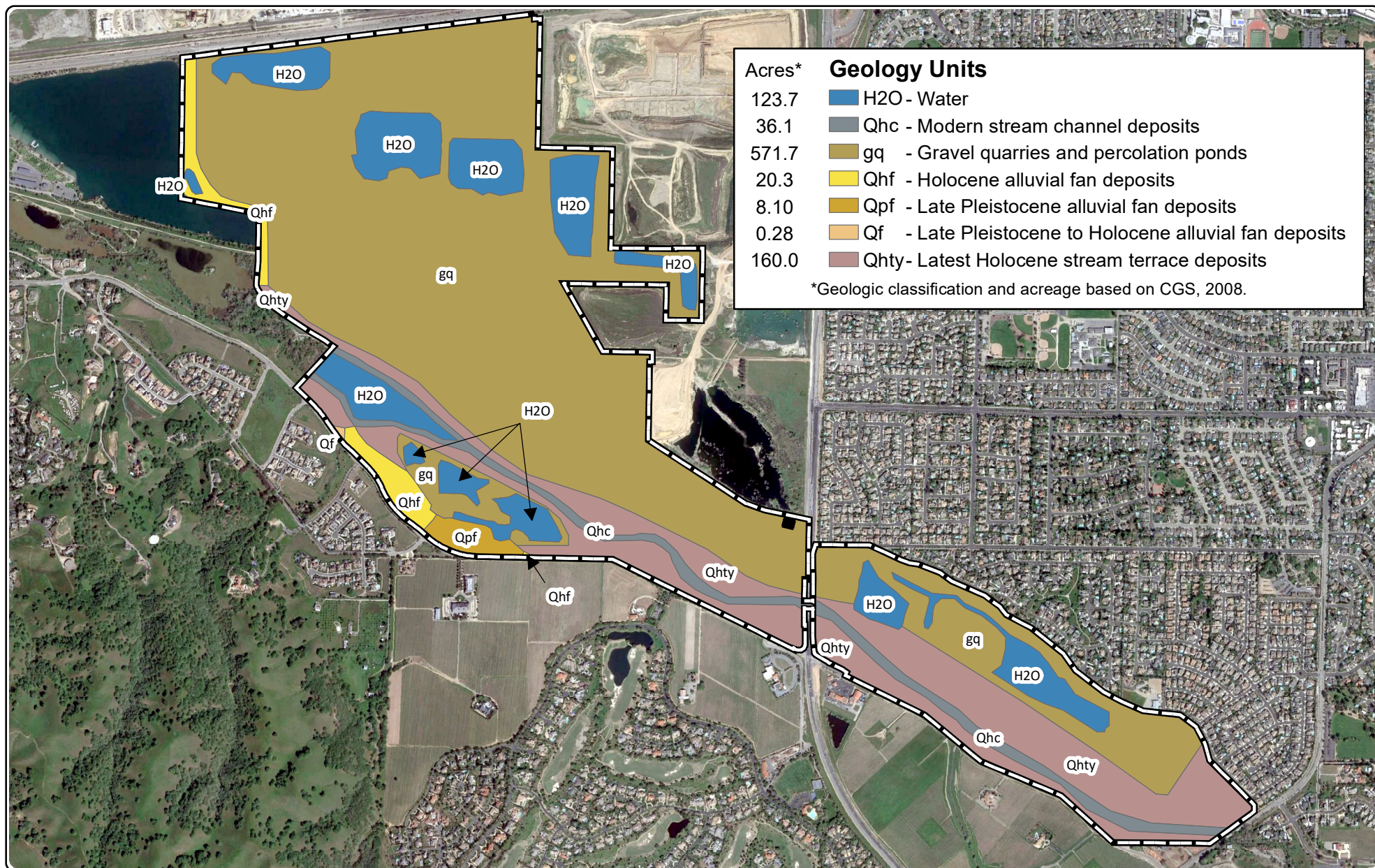
Figure 7

1/25/2019

Disclaimer: The data was mapped for planning purposes only. No liability is assumed for accuracy of the data shown.

**COMPASS LAND**  
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Sources: Plate 1.1 Quaternary Geology Map of the Livermore 7.5-minute quadrangle, Seismic Hazards Zone Report 114, California Geological Survey, 2008. Report Downloadable Online. Accessed [09/26/2018]. Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

Legend:



Project/Plan Boundary

0 1,000 2,000 3,000 4,000 Feet



## Site Geology Map Eliot Quarry - SMP 23

CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

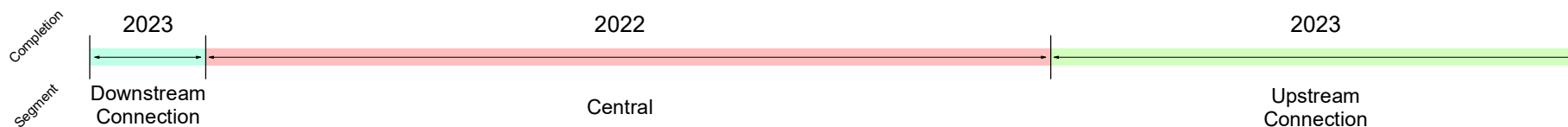
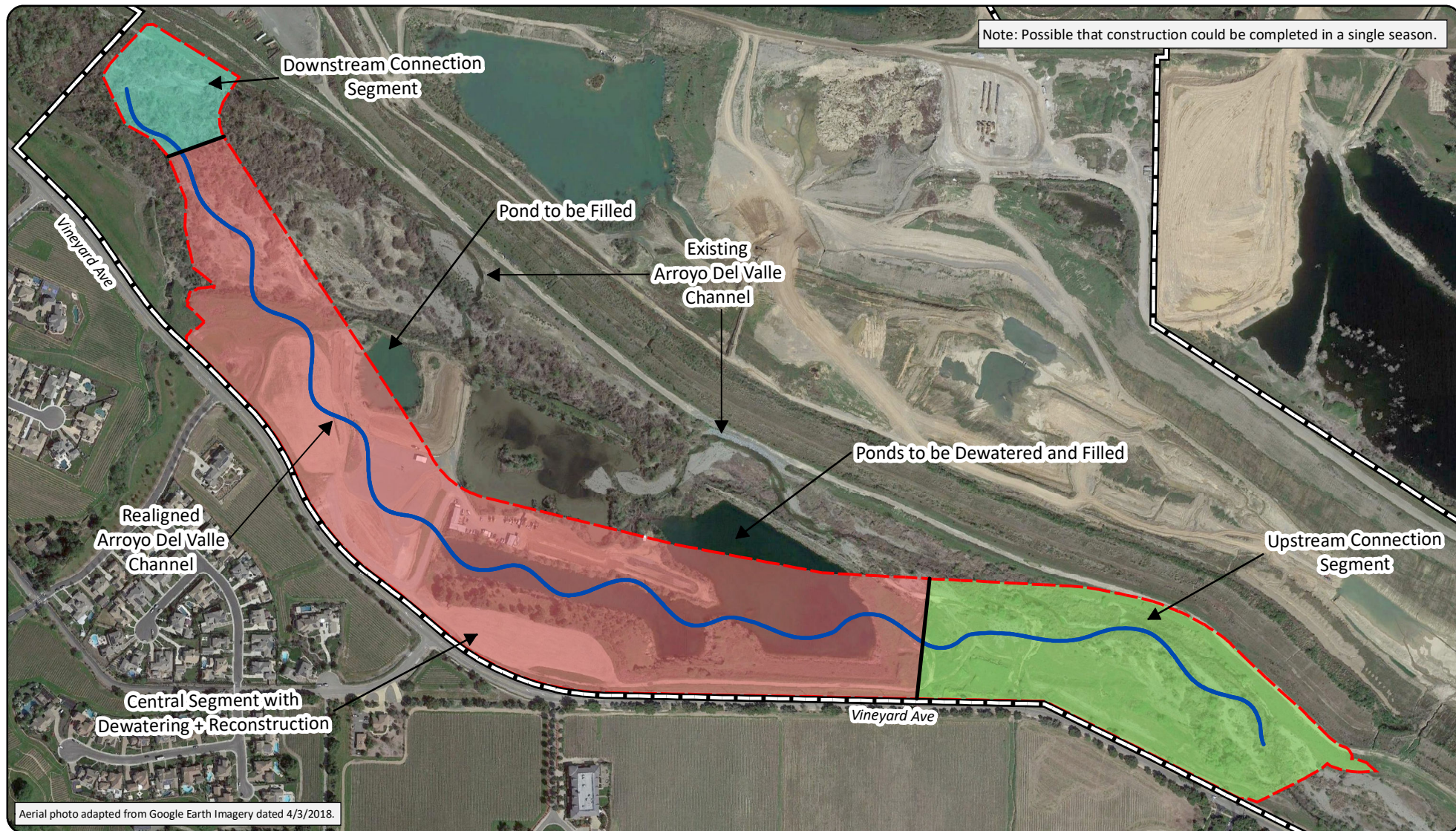
Figure 8

1/25/2019

Disclaimer: The data was mapped for planning purposes only. No liability is assumed for accuracy of the data shown.

**COMPASS LAND**  
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Legend:

Project/Plan Boundary

Realigned Arroyo del Valle Footprint

0 200 400 600 800 1,000 1,200 Feet

N

Realigned Arroyo del Valle  
Conceptual Construction Schedule  
Eliot Facility - SMP 23  
CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

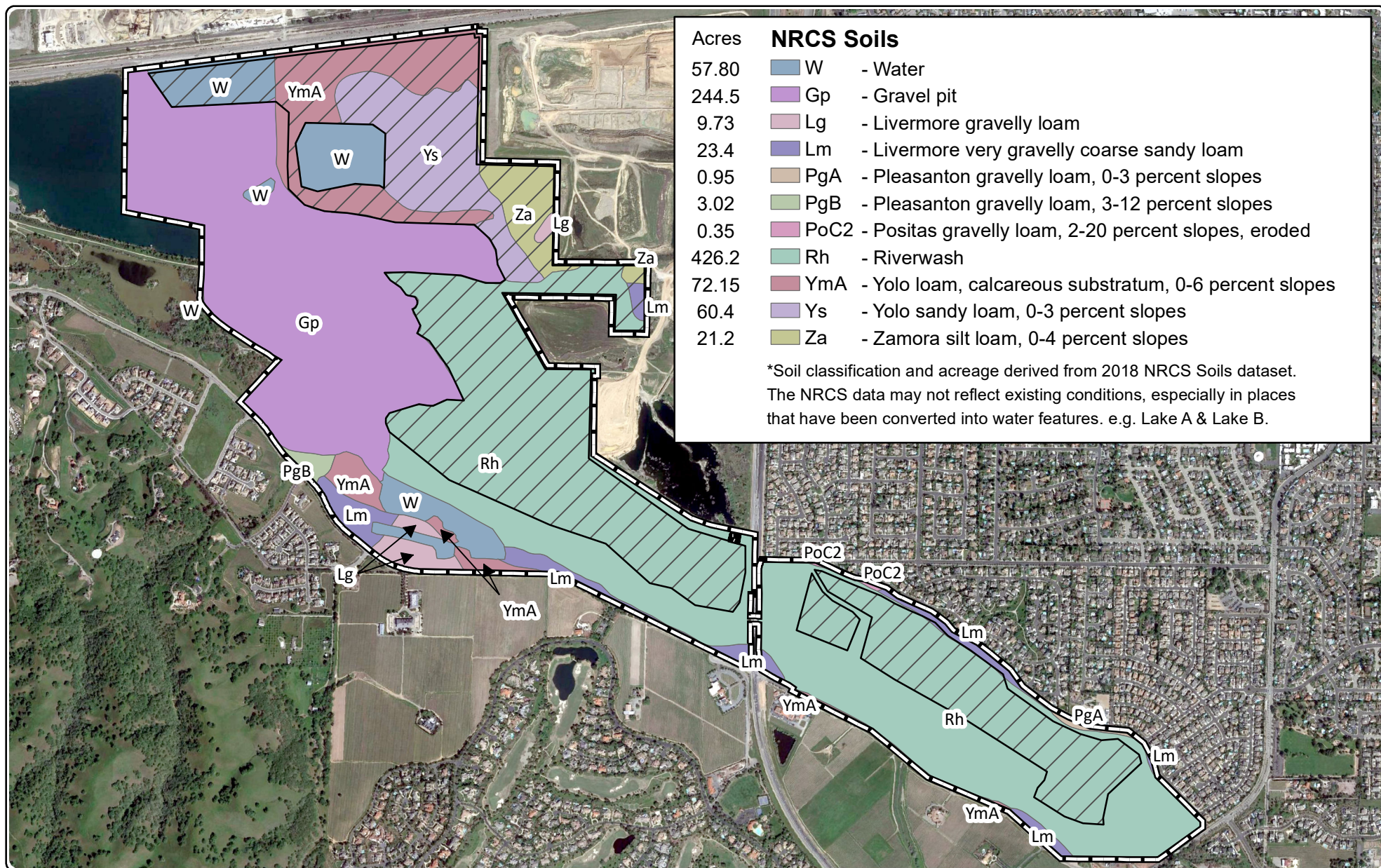
Figure 9

2/13/2019

Disclaimer: The data was mapped for planning purposes only. No liability is assumed for accuracy of the data shown.

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Sources: Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) database for Alameda County, California. Available online. 2018. Accessed [09/18/2018]. Aerial photo adapted from Google Earth Imagery dated 4/3/2018.

Legend:

- Project/Plan Boundary
- May not match NRCS Soils

0 1,000 2,000 3,000 4,000 Feet



NRCS Soils Map  
Eliot Quarry - SMP 23  
CEMEX Construction Materials Pacific, LLC.  
Alameda County, California

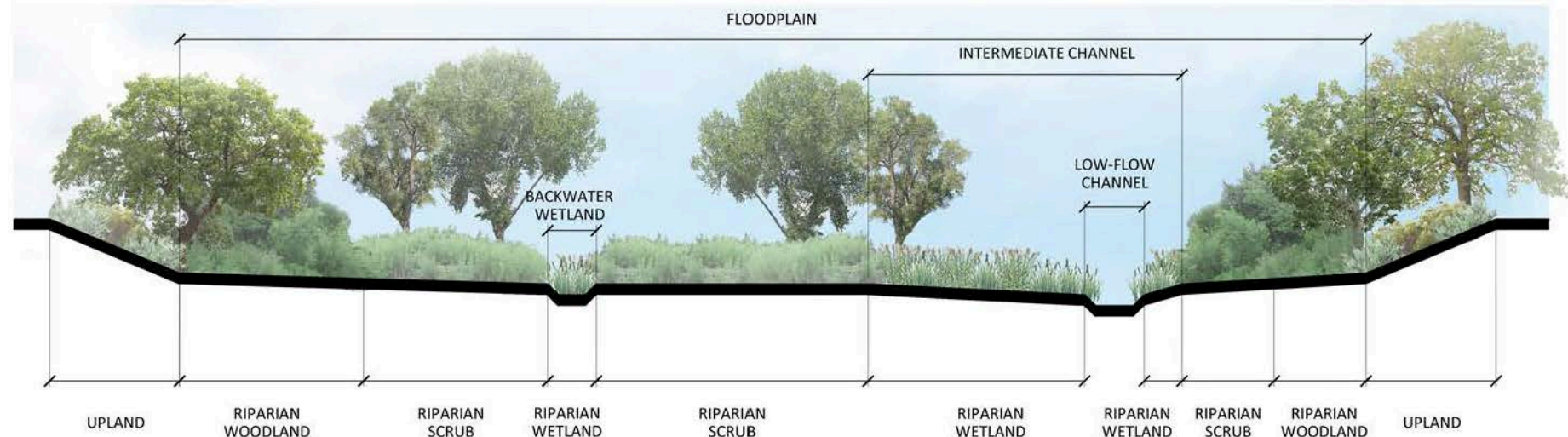
Figure 10

1/25/2019

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**COMPASS LAND**  
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#### Riparian Wetland

##### **Trees:**

*Alnus rhombifolia* white alder  
*Populus fremontii* Fremont cottonwood  
*Salix exigua* sandbar willow  
*Salix laevigata* red willow  
*Salix lasiolepis* arroyo willow

##### **Herbaceous:**

*Cyperus eragrostis* tall flatsedge  
*Helenium bigelovii* Bigelow's sneezeweed  
*Nasturtium officinale* watercress  
*Phragmites australis* common reed  
*Schoenoplectus acutus* tule  
*Typha* spp. cattails

#### Riparian Scrub

##### **Trees:**

*Alnus rhombifolia* white alder  
*Populus fremontii* Fremont cottonwood  
*Salix laevigata* red willow  
*Salix lasiolepis* arroyo willow

##### **Shrubs:**

*Baccharis salicifolia* Mule fat  
*Rosa californica* California wild rose  
*Rubus ursinus* California blackberry

##### **Herbaceous:**

*Artemisia douglasiana* mugwort  
*Carex barbarae* Santa Barbara sedge  
*Cyperus eragrostis* tall flatsedge  
*Juncus patens* California gray rush

#### Riparian Woodland

##### **Trees:**

*Acer negundo* Boxelder  
*Platanus racemosa* California sycamore  
*Populus fremontii* Fremont cottonwood  
*Quercus lobata* valley oak

##### **Shrubs:**

*Rosa californica* California wild rose  
*Vitis californica* California wild grape

##### **Herbaceous:**

*Artemisia douglasiana* mugwort  
*Carex barbarae* Santa Barbara sedge  
*Leymus triticoides* creeping wildrye

#### Upland

##### **Trees:**

*Aesculus californica* California buckeye  
*Juglans hindsii* Northern California black walnut  
*Quercus agrifolia* coast live oak  
*Quercus lobata* valley oak

##### **Shrubs:**

*Artemisia californica* coastal sage brush  
*Baccharis pilularis* coyote bush  
*Frangula californica* California coffeeberry  
*Heteromeles arbutifolia* toyon

##### **Herbaceous:**

*Acmispon glaber* deerweed  
*Hordeum brachyantherum* meadow barley  
*Stipa pulchra* purple needle grass