Western Snowy Plover Habitat Management Plan

Critical Habitat Areas

Exhibit 2

Coordinate System: State Plane 6 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD83
Map Prepared by: B. Gale, GLA
Date Prepared: April 17, 2019

1 inch = 90,000 feet

Ventura to San Diego Counties

WSP Critical Habitat Areas
Western Snowy Plover Critical Habitat Boundary

Exhibit 3

Coordinate System: State Plane 6 NAD 83
Projection: Lambert Conformal Conic
Datum: North American 1983
Map Prepared by: B. Gale, GLA
Date Prepared: April 17, 2019

1 inch = 300 feet
Western Snowy Plover Critical Habitat
Western Snowy Plover Roost
East of Critical Habitat
Western Snowy Plover Recovery Unit 6, Location 109
Exhibit 5
Western Snowy Plover Survey Results
Western Snowy Plover Critical Habitat Management Plan for Balboa Peninsula
Western Snowy Plover Critical Habitat Unit 48

Snowy Plover Areas

- 2019 (GLA 2019)
- 2016-2017 (Ryan 2017)
- 2015-2016 (Ryan 2017)

Coordinate System: State Plane 6 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD83
Map Prepared by: B. Gale, GLA
Date Prepared: July 9, 2019

Exhibit 6A

1 inch = 200 feet

Western Snowy Plover

Critical Habitat Unit 48

Snowy Plover Areas

2019 (GLA 2019)
2016-2017 (Ryan 2017)
2015-2016 (Ryan 2017)

Exhibit 6A

Western Snowy Plover Habitat Management Plan

Balboa Beach Roost Map

GLEN LUKOS ASSOCIATES
Mean Roost Size Per Month

Exhibit 6B
Monthly Occupancy
Source: Josh Weinik
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**8th ST Roost:**
Fallback roost (2014)
Small, year round

**E ST Roost:**
Site of arrival
Early season roost
Site of departure

**L ST Roost:**
Mid/Late Season Roost

Exhibit 6C
Roost Seasonality
Source: Josh Weinik
Western Snowy Plover Critical Habitat Unit 48

Trash Pickup Route

Trash Can

No driving between dunes
Trash is picked up and emptied by hand
No wrack removal

Pacific Ocean

Coordinate System: State Plane SD NAD 83
Projection: Lambert Conformal Conic
Datum: NAD83
Map Prepared by: B. Gale, GLA
Date Prepared: April 17, 2019

1 inch = 200 feet
Newport Beach: Western Snowy Plover Critical Habitat

**Western Snowy Plover**

The Western Snowy Plover is a shorebird distinguished by its small size (between 6-7 inches long), pale brown back, dark patches on either side of the upper breast, and dark gray legs. The Western Snowy Plover feeds on invertebrates such as crustaceans, mollusks, marine worms, and insects. They utilize the run, stop and peck method in order to gather their food from the sand and wrack.

The breeding season for the Western Snowy Plovers is from March to September. Western Snowy Plovers are less common on the Balboa Peninsula during this time, and are more common during the wintering season, when the plovers actively build fat reserves required for migration and breeding.

Did you know:

1. Plover chicks are unable to fly for approximately four weeks after hatching and are most vulnerable to predators during this time.
2. Western Snowy Plovers generally "fledge" (leave their nest) 28 to 33 days after they are born, when they are able to fly. Western Snowy Plovers are considered an adult when they are about 1 year old.

**Cor-Ten Educational Signage Template (Draft)**

3’ to 3½’ Tall

**Cor-Ten Regulation Signage Template (Draft)**

3’ to 3½’ Tall

**BEACH REGULATIONS**

- No Dogs
  - 10am-4:30pm
- No Littering
- No Harassment of Wild Animals
- No Plant Removal

Please stay on the path and protect sensitive habitat area boundaries.

Dogs are not permitted from 10am-4:30pm. When allowed, dogs must remain on a leash at all times.

Harassment or harassment of the Western Snowy Plover is a violation of the Endangered Species Act and may be subject to civil or criminal penalties.

Exhibit 9
Newport Beach: Western Snowy Plover Critical Habitat

Plover Logo and/or Concrete Stencil Suggestion

“Finger Walkway” Intersection w/ Bike Path

“Finger Walkway” End at Beach

Stencil to be Stained & Sandblasted into Concrete
Newport Beach: Western Snowy Plover Critical Habitat

WSP Site Rehabilitation Proposal

Exhibit 11
Western Snowy Plover Critical Habitat

WSP Site Rehabilitation Proposal

Exhibit 12

Rabben/Herman design office
833 Dover Drive, Suite 9     Newport Beach,      CA     92663

Date: May 03, 2019

No Access" Marking at Perimeter of Walkways

Short Educational Signage

Cor-Ten Regulation Signage
Western Snowy Plover
Critical Habitat Unit 48

Interpretive Signage
Educational Signage
Regulatory Signage
Regulatory Signage (Seasonal)
Sidewalk “Icons”

Product: The exhibit provides a map of Western Snowy Plover critical habitat unit 48 with signage locations indicated.

Coordinate System: State Plane 6 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD83
Map Prepared by: B. Gale, GLA
Date Prepared: May 8, 2019

WESTERN SNOWY PLOVER
HABITAT MANAGEMENT PLAN
Signage Locations

GLENN LUKOS ASSOCIATES
Exhibit 13
A-Frame Seasonal Sign

Corten Steel Post/Cable Fence - 18” (Phase 2 - Only if Necessary)