

APPENDIX I

SAN ELIJO LAGOON RESTORATION PROJECT PRE-RESTORATION AND POST-RESTORATION PHOTOPOINTS PHOTOLOG

**SAN ELIJO LAGOON RESTORATION PROJECT
PRE-CONSTRUCTION PHOTOGRAPHS**

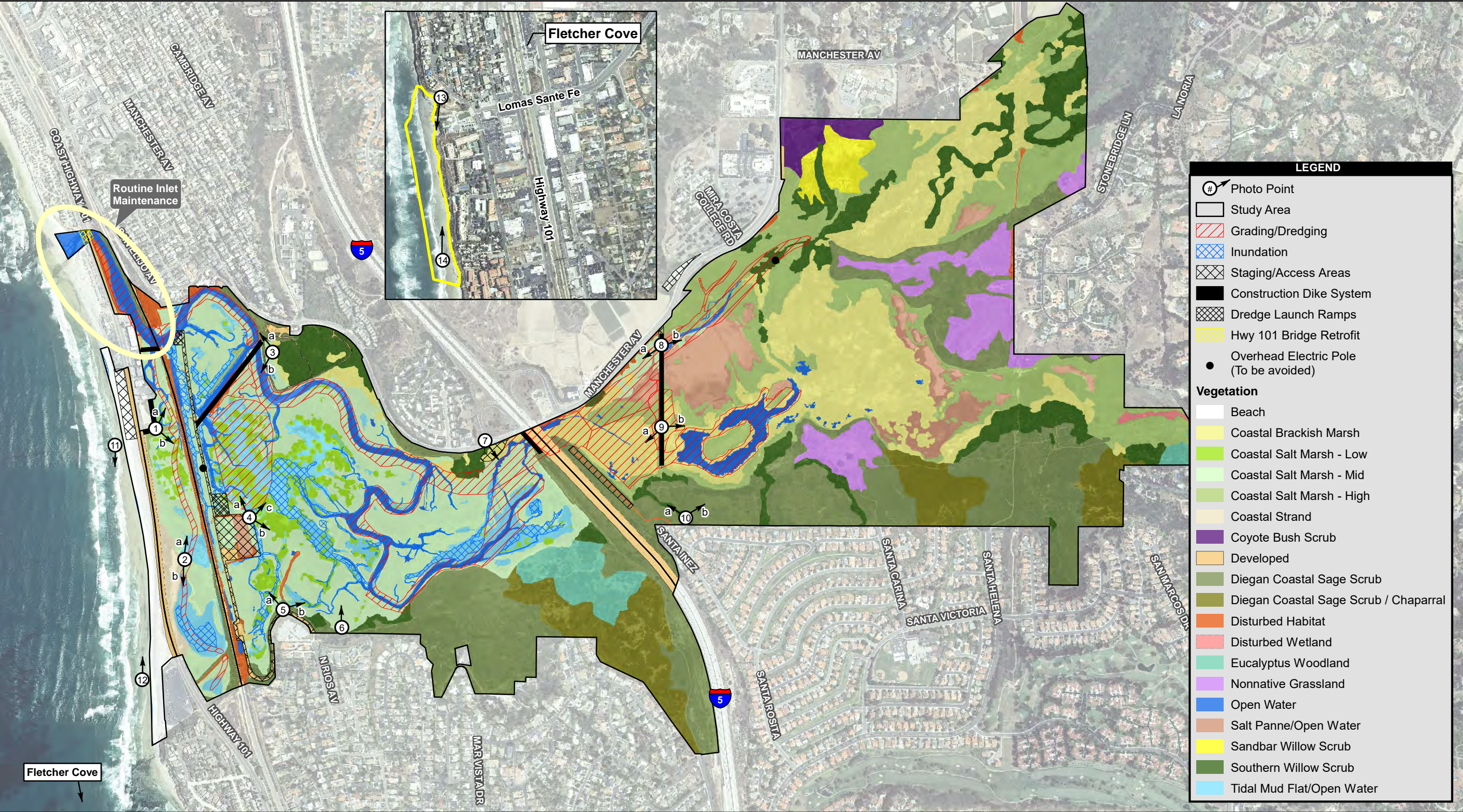
Applicant

California Department of Transportation
District 11
4050 Taylor Street
San Diego, California 92110
and
San Elijo Lagoon Conservancy
P.O. Box 230634
Encinitas, California 92023-0634

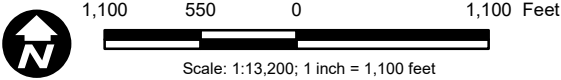
Prepared by:

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December 2017



Source: SANDAG 2012; Moffatt/Nichol; AECOM 2013



San Elijo Lagoon Restoration Project
Existing Vegetation & Limits of Disturbance
Photo Point Locations

San Elijo Lagoon Restoration Project

Path: P:\2009\09080064_SELRP_EIR\6.0 GIS\6.3 Layout\BTR_BA\BA\Revised_Alt_Jan2017\Addendum\Reduced_Alt1b_Refined_Photopoints_Map.mxd, 12/5/2017, paul.moreno

MONITORING PHOTOGRAPHS



Photo Point 1a, West Basin ($33^{\circ} 0' 37''$ N, $-117^{\circ} 16' 43''$ W); bearing to subject 16° N $\pm 10^{\circ}$



Photo Point 1b, West Basin ($33^{\circ} 0' 37''$ N, $-117^{\circ} 16' 43''$ W); bearing to subject 138° SE $\pm 10^{\circ}$

Permanent Photo Points 1a and 1b
12/1/2017



Photo Point 2a, West Basin (33° 0' 24" N, -117° 16' 40" W); bearing to subject 335° NW \pm 15°



Photo Point 2b, West Basin (33° 0' 24" N, -117° 16' 40" W); bearing to subject 116° SE \pm 10°

Permanent Photo Points 2a and 2b
12/1/2017



Photo Point 3a, Central Basin ($33^{\circ} 0' 46''$ N, $-117^{\circ} 16' 28''$ W); bearing to subject 254° W $\pm 25^{\circ}$



Point Photo 3b, Central Basin ($33^{\circ} 0' 46''$ N, $-117^{\circ} 16' 28''$ W); bearing to subject 181° S $\pm 15^{\circ}$

Permanent Photo Points 3a and 3b
12/1/2017



Photo Point 4a, Central Basin ($33^{\circ} 0' 27''$ N, $-117^{\circ} 16' 30''$ W); bearing to subject 318° W



Photo Point 4b, Central Basin ($33^{\circ} 0' 27''$ N, $-117^{\circ} 16' 30''$ W); bearing to subject 51° NE

Permanent Photo Points 4a and 4b
12/1/2017



Photo Point 4c, Central Basin ($33^{\circ} 0' 27''$ N, $-117^{\circ} 16' 30''$ W); bearing to subject 36° SE

Permanent Photo Point 4c
12/1/2017



Photo Point 5a, Central Basin ($33^{\circ} 0' 15''$ N, $-117^{\circ} 16' 22''$ W); bearing to subject 319° NW $\pm 15^{\circ}$



Photo Point 5b, Central Basin ($33^{\circ} 0' 15''$ N, $-117^{\circ} 16' 22''$ W); bearing to subject 47° NE $\pm 15^{\circ}$

Permanent Photo Points 5a and 5b
12/1/2017



Photo Point 6, Central Basin (33° 0' 13" N, -117° 16' 18" W); bearing to subject 10° N \pm 15°

Permanent Photo Point 6
12/1/2017



Photo Point 7, Central Basin ($33^{\circ} 0' 35''$ N, $-117^{\circ} 15' 58''$ W); bearing to subject 120° SE $\pm 10^{\circ}$

Permanent Photo Point 7
12/1/2017



Photo Point 8a, East Basin (33° 0' 46'' N, -117° 15' 35'' W); bearing to subject 225° SW \pm 85°



Photo Point 8b, East Basin (33° 0' 46'' N, -117° 15' 35'' W); bearing to subject 57° NE \pm 35°

Permanent Photo Points 8a and 8b
12/1/2017



Photo Point 9a, East Basin ($33^{\circ} 0' 36''$ N, $-117^{\circ} 15' 35''$ W); bearing to subject 250° W $\pm 15^{\circ}$



Photo Point 9b, East Basin ($33^{\circ} 0' 36''$ N, $-117^{\circ} 15' 35''$ W); bearing to subject 78° E $\pm 15^{\circ}$

Permanent Photo Points 9a and 9b
12/1/2017



Photo Point 10a, East Basin ($33^{\circ} 0' 26''$ N, $-117^{\circ} 15' 33''$ W); bearing to subject 290° W $\pm 10^{\circ}$



Photo Point 10b, East Basin ($33^{\circ} 0' 26''$ N, $-117^{\circ} 15' 33''$ W); bearing to subject 5° N $\pm 10^{\circ}$

Permanent Photo Points 10a and 10b
12/1/2017



Photo Point 11, Cardiff State Beach ($33^{\circ} 0' 43''$ N, $-117^{\circ} 16' 48''$ W); bearing to subject 160° S $\pm 15^{\circ}$



Photo Point 12, Cardiff State Beach ($33^{\circ} 0' 14''$ N, $-117^{\circ} 16' 42''$ W); bearing to subject 343° N $\pm 15^{\circ}$

Permanent Photo Points 11 and 12
12/1/2017



Photo Point 13, Fletcher Cove ($32^{\circ} 59' 31''$ N, $-117^{\circ} 16' 28''$ W); bearing to subject 144° SE $\pm 20^{\circ}$



Photo Point 14, Fletcher Cove ($32^{\circ} 59' 26''$ N, $-117^{\circ} 16' 28''$ W); bearing to subject 335° NW $\pm 10^{\circ}$

Permanent Photo Points 13 and 14
12/1/2017

PHOTOGRAPH LOG FORM

PHOTO- LOG FORM

Project: San elijo lagoon restoration project

Location: San elijo lagoon

Date: 12/11/17

Photographer: Kathryn cartaino and barry lindgren

Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
25, 27	2:22pm	1ab	lasolas parking lot	16°N±10°, 138°SE±10°	west basin veg
29, 31	2:40pm	2ab	sand dune in Wb	335°NW±15°, 116°SE±10°	west basin veg
19, 21	1:35pm	3ab	nature center trail	254°W±25°, 181°S±15°	main channel
1, 2, 3	8:00am	4abc	corner of settling pond	318°W, 51°NE, 36°SE	future oil pit
13, 16	12:50pm	5ab	northvies access rd	319°NW±15°, 47°NE±15°	central basin veg.
17	1:03pm	6	annie's trail	10°N±15°	central basin veg.
23	1:52pm	7	manchester ave	120°SE±10°	east basin veg.
2, 4	11:36am	8ab	rd f w dike 6 (N)	225°SW±85°, 57°NE±35°	east basin veg.
5, 7	11:57am	9ab	rd f w dike 6 (S)	250°W±15°, 78°E±15°	east basin veg.
9, 11	12:15pm	10ab	santa inez ave	290°W±10°, 5°N±10°	east basin veg.
33	2:58pm	11	cardiff beach (N)	160°S±15°	sand on cardiff
35	3:20pm	12	cardiff beach (S)	343°N±15°	sand on cardiff
37	3:47pm	13	fletcher cove (N)	144°SE±20°	sand on fletcher
39	4:00pm	14	fletcher cove (S)	335°NW±10°	sand on fletcher

General Notes or Comments (weather, cloud cover, time of sunrise and sunset,

other pertinent information):

69° sunny, no cloud cover

sunrise 6:35am, sunset 4:42pm

UV index 3, visibility 10 miles

tide 12/11/17

> high

6:50am, 6.7 feet

7:45pm, 4.7 feet

> low

12:28am, 1.0 feet

1:36 pm, -0.6 feet

PHOTO-LOG FORM

Project: Saheliyo lagoon restoration project (selrp)
Location: Saheliyo lagoon

Date: 12/1/17

Photographer: Kathryn Cartaino

Team members:

[illegible]

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 37" N, 117° 16' 43" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: *sw corner of las olas parking lot*

Subject Description: *west basin veg*

Date: *12/1/17*

Time: *2:22-2:26 pm*

PHOTO- LOG FORM

Project: *selkp*
 Location: *san elijo lagoon*
 Date: *12/11/17*
 Photographer: *kathryn cartaino*
 Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
29	2:40	2a	edge of coastal strand in W6	335°NW ±5°	west basin veg.
	<i>pm</i>				
30	2:41	2a			
	<i>pm</i>				
31	2:42	2b		116°SE ±10°	
	<i>pm</i>				
32	2:43	2b			
	<i>pm</i>				

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 24" N, 117° 16' 40" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: west basin on sand tube (farthest point east)

Subject Description: west basin veg.

Date: 12/11/17

Time: 2:40 - 2:43 pm

PHOTO- LOG FORM

Project: *selap*
 Location: *San Elijo lagoon*
 Date: *12/1/17*
 Photographer: *Kathryn Cartaino*
 Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
19	1:35 pm	39	nature center trail where	254°W ± 25°	main channel
20	1:36 pm	39	future bridge connection will be		
21	1:37 pm	36	mouth	191°S ± 15°	
22	1:38 pm	36			

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 46" N, 117° 16' 28" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: nature center trail where future bridge connection will be located

Subject Description: main channel, view of old pit

Date: 12/1/17

Time: 1:35pm - 1:38pm

Photo-Log**Project:** SELRP Pre-construction Survey**Location:** West Central Basin - SELER**Date:** 12/1/2017**Time:** 7:30am**Photographer:** Barry Lindgren**Team Members:** None

Photo No.	Time (PST)	Photo Point (PPT) ID	PPT Description & Location	Bearing to Subject (Mag.)	Subject Description
0112	0813	4a	Southeastern corner of old sewage settling pond: - 117.275103 33.007561	318° W	Future Overdredge Pit (OD) - West Edge; Focus Point: Plastino Bldg.
0102	0730	4b	Southeastern corner of old sewage settling pond: - 117.275103 33.007561	051° NE	Future Overdredge Pit (OD) - East Edge; Focus Point: western-most structure in cluster of homes
0109	0754	4c	Southeastern corner of old sewage settling pond: - 117.275103 33.007561	036° SE	Future Overdredge Pit (OD) - Center; Focus Point: SEL Nature Center

PHOTO- LOG FORM

Project: *selpp*
 Location: *san elijo lagoon*
 Date: *12/11/17*
 Photographer: *kathryn cartaino*
 Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
13	12:50	5a	north rios access road (west)	319° NW $\pm 15^\circ$	central basin veg
	pm				
14	12:51	5a	north rios access road		
	pm				
15	12:55	5b	north rios access road	47° NE $\pm 15^\circ$	
	pm				
16	2:56	5b	north rios access road		
	pm				
17	1:03	6	annie's trail	10° N $\pm 15^\circ$	
18	pm		east		

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

⑤ 33° 0' 15" N, 117° 16' 22" W

⑥ 33° 0' 13" N, 117° 16' 18" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: ⑤ north vios access road
⑥ annie's trail

Subject Description: central basin vegetation, prior
to over dredge pit

Date: 12/1/17

Time: 12:50 pm - 1:03 pm

PHOTO- LOG FORM

Project: *selfrep*

Location: San Elijo Lagoon
Date: 12/1/17

Date: 12/1/17

Photographer: Kathryn Cartaino
Team members:

Team members:

[illegible]

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 35" N, 117° 15' 58" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: manchester ave, west of I-5 at stop sign

Subject Description: east basin veg. prior to main
channel widening

Date: 12/1/17

Time: 1:52-1:53 pm

PHOTO- LOG FORM

Project: San elijo lagoon restoration project
 Location: San elijo lagoon
 Date: 12/1/17
 Photographer: Kathryn cartaino
 Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
1	11:36 am	8a	cd fw dike 6, eb	225° 8W ± 85°	east basin vegetation prior to channel widening
			westward view		
2	11:37 am	8a	cd fw dike 6, eb		
			westward view		
3	11:46 am	8b	cd fw dike 6, eb	67° NE ± 35°	
			eastward view		
4	11:47 am	8b	cd fw dike 6, eb		
			eastward view		

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 46" N, 117° 15' 35" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: san elijo lagoon, adfw dike 6 in the east basin
(northern side of dike near manchester avenue)

Subject Description: vegetation in east basin, prior to widening
of channel.

8a (1 & 2) - looking west towards 1-5
8b (1 & 2) - looking east towards ecc/olivenhain

Date: 12/1/17

Time: 11:36am - 11:47am

PHOTO- LOG FORM

Project: san elijo lagoon restoration project (selrep)
 Location: san elijo lagoon
 Date: 12/11/17
 Photographer: Kathryn Caporaso
 Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
5	11:57	9a	cdfr dike 6, eb	250°W ± 15°	east basin
	am		facing west		vegetation
					prior to
6	11:58	9a	cdfr dike 6, eb		channel
	am		facing west		widening;
					figure 8 pond
7	11:59	9b	cdfr dike 6, eb	78°E ± 15°	vegetation (9b)
	am		facing east		
8	12:00	9b	cdfr dike 6, eb		
	pm		facing east		

General Notes or Comments (weather, cloud cover, time of sunrise and sunset,
 other pertinent information):

33° 0' 36"N, 117° 15' 35"W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: cdfw dike 6 in the east basin
(southern side near santainez avenue)

Subject Description: vegetation in east basin, prior
to channel widening. 9b shows figure 8
pond vegetation (cattails)

9a(1 1/2 2) - facing west

9b(1 1/2 2) - facing east

Date: 12/1/17

Time: 11:57 am - 12:00 pm

PHOTO- LOG FORM

Project: *selkp*

Location: *san elijio lagoon*

Date: *12/11/17*

Photographer: *kathryn cartaino*

Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
9	12:15	10a	santa inez ave	290°W ± 10°	east basin veg.
	pm		facing west		
10	12:16	10a	santa inez ave		
	pm		facing west		
11	12:21	10b	santa inez ave	5°N ± 10°	
	pm		facing east		
12	12:22	10b	santa inez ave		
	pm		facing east		

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 26" N, 117° 15' 33" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: start of trail at Santa Inez ave

Subject Description: east basin veg along I-5 (west)
and figure 8 pond (east)

Date: 12/11/7

Time: 12:15 - 12:22 pm

PHOTO- LOG FORM

Project: *self p*

Location: Cardiff state beach

Date: 12/11/7

Photographer: Kathryn Cantalero
Team members:

Team members:

[illegible]

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 43" N, 117° 16' 48" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: *Cardiff state beach on rock pavement
just south of the chart house*

Subject Description: *sand on cardiff beach*

Date: *12/1/17*

Time: *2:58 - 2:59 pm*

PHOTO-LOG FORM

Project: *selvap*

Location: Cardiff state beach

Date: 12/11/17

Photographer: Kathryn Cartwright

Team members:

[illegible]

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

33° 0' 14" N, 117° 16' 42" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: rock peretment just north of seaside
parking lot

Subject Description: sand on cardiff beach

Date: 12/11/17

Time: 3:20-3:21pm

PHOTO- LOG FORM

Project: *selap*
 Location: *Fletcher cove (solana beach)*
 Date: *12/11/17*
 Photographer: *Kathryn Cartaino*
 Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
37	3:47	13	north end of	144°SE ± 20	sand on
	pm		fletcher cove,		fletcher cove
38	3:48	13	on hillside by		
	pm		community		
			center looking		
			south		

General Notes or Comments (weather, cloud cover, time of sunrise and sunset,
 other pertinent information):

32° 59' 31" N, 117° 16' 28" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: Fletcher cove on hillside near the
Fletcher cove community center

Subject Description: sand on Fletcher cove

Date: 12/1/7

Time: 3:47 - 3:48 pm

PHOTO- LOG FORM

Project: *deerp*
 Location: *Fletcher cove (solana beach)*
 Date: *12/1/17*
 Photographer: *Kathryn Cartaino*
 Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description
39	4:00	14	south at Fletcher	335° NW ± 10°	sand on
	pm		cove beach,		Fletcher
40	4:01	14	next to start		cove
	pm		of sea wall		
			looking north		

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

32° 59' 26" N, 117° 16' 28" W

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location: Fletcher cove, south on the beach
right as large bluff starts (before seawall)

Subject Description: sand on Fletcher cove

Date: 12/1/17

Time: 4:00 - 4:01 pm

**SAN ELIJO LAGOON RESTORATION PROJECT
POST-CONSTRUCTION PHOTOGRAPHS**

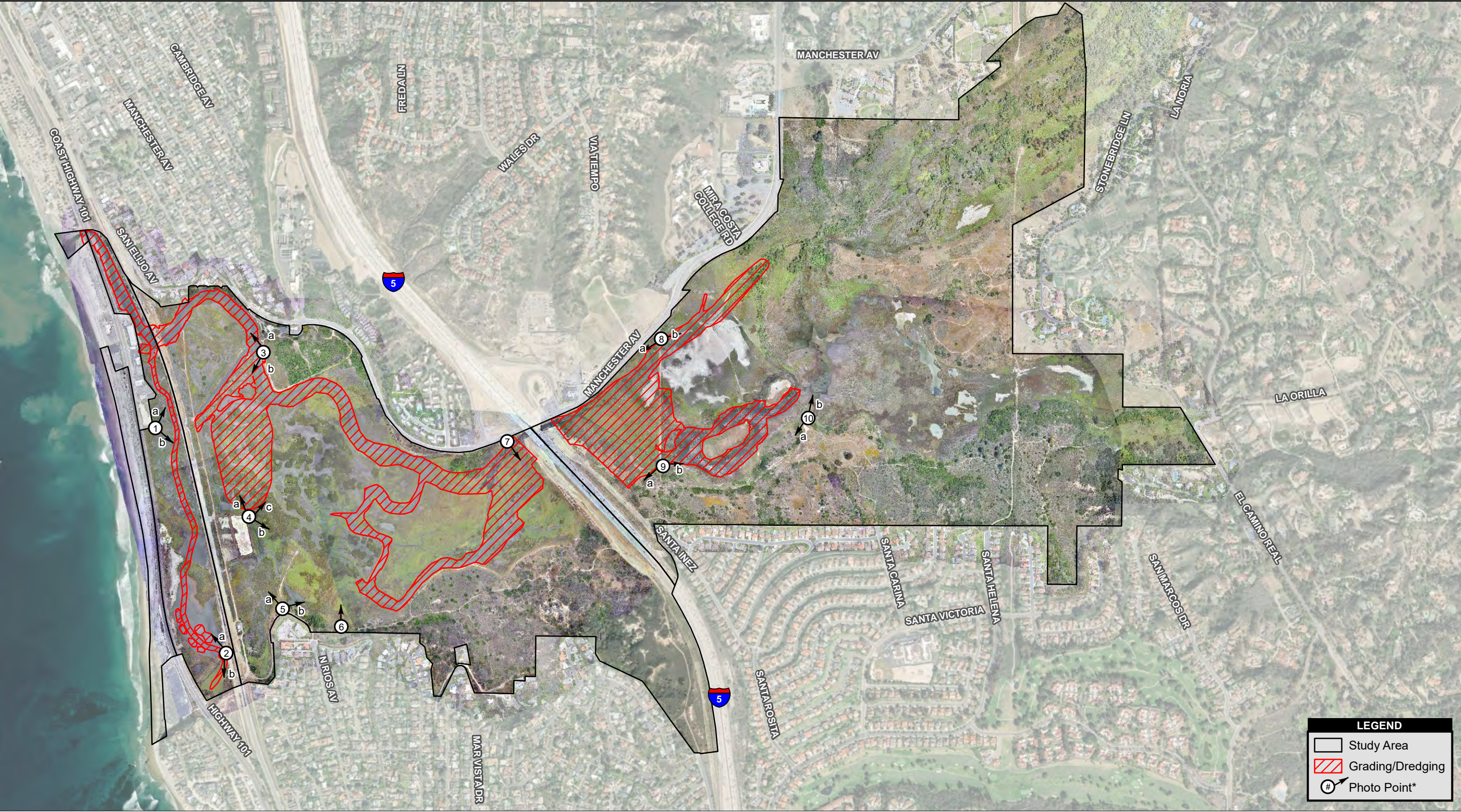
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California Department of Transportation
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4050 Taylor Street
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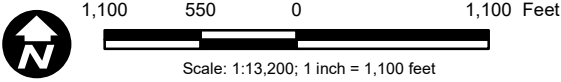
Prepared by:

AECOM
401 West A Street, Suite 1200
San Diego, California 92101
Phone: (619) 610-7600
Contact: Cindy Kinkade

June 2022



Moffatt/Nichol (2015-18); AECOM (2018), SanGIS (2018).



* Photo point locations will be used pre- and post-construction. Arrows depict direction of photo.

Photo Point Locations

San Elijo Lagoon Restoration Project

Path: L:\DCS\Projects\6058\60582908_SELRP_ConPh2\900-CAD-GIS\920 GIS\map_docs\mxd\Report\HMMP\Photo Point Locations_Restoration_Project.mxd, 7/18/2022, paul.moreno



Photo Point 1a, West Basin (33° 0' 38" N, -117° 16' 43" W); bearing to subject 20° N



Photo Point 1b, West Basin (33° 0' 38" N, -117° 16' 43" W); bearing to subject 104° E

Permanent Photo Points 1a and 1b
09/08/2021



Photo Point 2a, West Basin ($33^{\circ} 0' 25''$ N, $-117^{\circ} 16' 40''$ W); bearing to subject 335° NW



Photo Point 2b, West Basin ($33^{\circ} 0' 25''$ N, $-117^{\circ} 16' 40''$ W); bearing to subject 112° SE

Permanent Photo Points 2a and 2b
09/08/2021



Photo Point 3a, Central Basin ($33^{\circ} 0' 46''$ N, $-117^{\circ} 16' 28''$ W); bearing to subject 272° W



Photo Point 3b, Central Basin ($33^{\circ} 0' 46''$ N, $-117^{\circ} 16' 28''$ W); bearing to subject 194° S

Permanent Photo Points 3a and 3b
09/08/2021



Photo Point 4a, Central Basin ($33^{\circ} 0' 27''$ N, $-117^{\circ} 16' 31''$ W); bearing to subject 293° W



Photo Point 4b, Central Basin ($33^{\circ} 0' 27''$ N, $-117^{\circ} 16' 31''$ W); bearing to subject 30° NE

Permanent Photo Points 4a and 4b
6/24/2022



Photo Point 4c, Central Basin ($33^{\circ} 0' 27''$ N, $-117^{\circ} 16' 30''$ W); bearing to subject 350° N



Photo Point 5a, Central Basin ($33^{\circ} 0' 16''$ N, $-117^{\circ} 16' 24''$ W); bearing to subject 313° NW



Photo Point 5b, Central Basin ($33^{\circ} 0' 15''$ N, $-117^{\circ} 16' 22''$ W); bearing to subject 17° N

**Permanent Photo Point 5a and 5b
6/24/2022**



Photo Point 6, Central Basin ($33^{\circ} 0' 14''$ N, $-117^{\circ} 16' 19''$ W); bearing to subject 11° N



Photo Point 7, Central Basin ($33^{\circ} 0' 35''$ N, $-117^{\circ} 15' 59''$ W); bearing to subject 129° SE



Photo Point 8a, East Basin ($33^{\circ} 0' 46''$ N, $-117^{\circ} 15' 36''$ W); bearing to subject 233° SW



Photo Point 8b, East Basin ($33^{\circ} 0' 46''$ N, $-117^{\circ} 15' 36''$ W); bearing to subject 44° NE

Permanent Photo Points 8a and 8b
09/08/2021



Photo Point 9a, East Basin ($33^{\circ} 0' 37''$ N, $-117^{\circ} 15' 36''$ W); bearing to subject 263° W



Photo Point 9b, East Basin ($33^{\circ} 0' 37''$ N, $-117^{\circ} 15' 36''$ W); bearing to subject 74° E

Permanent Photo Points 9a and 9b
09/08/2021



Photo Point 10a, East Basin ($33^{\circ} 0' 38''$ N, $-117^{\circ} 15' 16''$ W); bearing to subject 250° W



Photo Point 10b, East Basin ($33^{\circ} 0' 38''$ N, $-117^{\circ} 15' 16''$ W); bearing to subject 275° W

Permanent Photo Points 10a and 10b
09/08/2021

