

**DOCKETED**

<b>Docket Number:</b>	08-AFC-03C
<b>Project Title:</b>	Marsh Landing Generating Station Compliance
<b>TN #:</b>	249523
<b>Document Title:</b>	Part 2 - 2022 Marsh Landing CEC Annual Report
<b>Description:</b>	Annual Compliance Operations Report 2022, Part 2
<b>Filer:</b>	David Frandsen
<b>Organization:</b>	NRG
<b>Submitter Role:</b>	Applicant
<b>Submission Date:</b>	3/31/2023 8:56:05 AM
<b>Docketed Date:</b>	3/31/2023

## Biological Monitoring Log

Marsh Landing Generating Station	Date: 1/5/22
Monitor: SAM ABERCROMBIE	Time: 1030 AM
Weather: 57°, SUNNY, CALM	1115 PM
Photo Numbers: SAED + LABELED ON SERVER	
Activity that requires monitor's presence: ONGOING ELECTRICAL WORK RELATED TO BATTERY PAD INSTALLATION	
Description of Construction Activities Observed: GRADING + TARPING ALONG SLOPE OF BATTERY PAD. MINIMAL ACTIVITY ON SITE.	
Compliance Observations and Issues:	
ESA Fencing: ESA FENCING ON SOILS PILE PARTIALLY COLLAPSED - NEEDS REPAIR	
Wildlife Pitfalls/Traps/Pipes: NONE OBSERVED. ALL EQUIPMENT ON PALLETS	
Nesting Birds: N/A	
Coordination with Construction Personnel: SAFETY TRAINING 1000-1030	
Other Compliance Issues: N/A	
Wildlife Species List for Day:	
TUVU, ILOPI, YRWA, ANHU, NOMB, SARH, CASJ, WCSP, OCWA	
BLACK-TAILED JACK RABBIT	

**Daily Monitoring Checklist**  
 (Check if in compliance)
Date 1/5/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. - ESA FENCING ON BORROW SITE IN NEED OF REPAIR
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**URS**1333 Broadway, Suite 800  
Oakland, CA 94612



## Biological Monitoring Log

Marsh Landing Generating Station: <i>Battery Pack</i>	Date: <i>Jan-11-2022</i>
Monitor: <i>Derek Jansen</i>	Time: <i>1445 - 1600</i>
Weather: <i>39-61°F, 30% clouds, wind ENE 3mph</i>	
Photo Numbers: <i>20220111_</i>	
Activity that requires monitor's presence: <i>MLBS Battery Pack install and electrical</i>	
Description of Construction Activities Observed: <i>Grading drainage ditch, riprap placement below battery pack, electrical install, and silt fence placement.</i>	
Compliance Observations and Issues: <i>Pick up and store garbage in sealed dumpster or containers</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>N/A - wildlife pitfalls. Dispose/Cap pipes on ground at connex boxes</i>	
Nesting Birds: <i>N/A Feb 1 - Aug 31</i>	
Coordination with Construction Personnel: <i>Notified SE energy</i>	
Other Compliance Issues: <i>Vehicle trackout</i>	
<ul style="list-style-type: none"> <li>• Potential for wildlife below geotext fabric prior to rip-rap placement.</li> <li>• Refuel in containment.</li> </ul>	
Wildlife Species List for Day: <i>Peregrine falcon, turkey vulture, red-tailed hawk, rock pigeon, black phoebe, golden crowned sparrow, mourning dove, Anna's hummingbird, CA scrub jay, common raven, Sierran treefrog</i>	



**Daily Monitoring Checklist**  
(Check if in compliance)

Date Jan - 11 - 2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☐ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:



300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station	Date: JAN 20, 2022
Monitor: SAM ABERCROMBIE	Time: 0950
Weather: 48°F, FOGGY, SLIGHT BREEZE FROM NORTH	
Photo Numbers: SAVED IN FOLDER ON SERVER	
Activity that requires monitor's presence: ONGOING GRADING, ELECTRICAL INSTALL, RIP-RAP + EROSION CONTROL INSTALLATION	
Description of Construction Activities Observed: GRADING, RIP-RAP INSTALL, ELECTRICAL WORK AROUND BATTERY PADS	
Compliance Observations and Issues:	
ESA Fencing: ESA FENCING ON BORROW PILE DOWN, NEEDS REPAIR	
Wildlife Pitfalls/Traps/Pipes: N/A	
Nesting Birds: N/A	
Coordination with Construction Personnel: SPOKE WITH MICHAEL CURRAN ABOUT SOIL PILE, SEE NOTE ON BACK	
Other Compliance Issues: N/A	
Wildlife Species List for Day: CASS, NOMB, ANHO, YZWA, HOFI, TVUW, ROP1, WCSP, GCS P, OSPR, RCK1	



**Daily Monitoring Checklist**  
 (Check if in compliance)
Date 1/20/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. *ESA FENCING ON BORROW SLOPE IN NEED OF REPAIR*
- ☒ All trenches left open overnight have an escape ramp or are completely covered. *NO OPEN TRENCHES*
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☐ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes: SOIL ON BORROW PILE APPEARS FRESHLY CHURNED, THOUGH DOWNSLOPE WADDLES PROPERLY INSTALLED, + LOOSE SOIL MOSTLY/TAMPED DOWN. GRASS RE-SPROUTING DOWN SLOPE, THOUGH NO HYDROSEEDING EVIDENT. MICHAEL OUBAN INFORMED ME THAT HYDROSEEDING ON BORROW PILE IS BEING DELAYED BECAUSE SOIL WILL BE NEEDED AT THE END OF THE PROJECT AFTER A WATER LINE IS REPAIRED.

**URS**

 1333 Broadway, Suite 800  
 Oakland, CA 94612

## Biological Monitoring Log

Marsh Landing Generating Station	Date: January 29 2022
Monitor: Sarah Flaherty	Time: 11:30 - 12:15
Weather: clear	
Photo Numbers: on server with today's date	
Activity that requires monitor's presence: Weekly inspection per <del>general</del> protocol	
Description of Construction Activities Observed: site housekeeping	
Compliance Observations and Issues:	
ESA Fencing: could be pulled up on spoilshill where it is sagging	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: Anna's hummingbird incubating in Palo Verde next to Admin Building	
Coordination with Construction Personnel: spoke to Matthew (ALB)	
Other Compliance Issues: none	
Wildlife Species List for Day:	
ANHU TUVU GCSP WCSP CAST NOMO CORA RTHA	

**URS**1333 Broadway, Suite 800  
Oakland, CA 94612

510-874-3132



### Daily Monitoring Checklist (Check if in compliance)

Date January 27 2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☐ No new bird nesting activity observed/known nests buffered appropriately  
     — new ANHU nest in palo verde — not in work area
- ☐ Straw wattles and/or silt fence are in place and in good condition      Bird nests there every year & is habituation to activities at the Admin Bldg.
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

## Biological Monitoring Log

Marsh Landing Generating Station	Date: Feb 3 2022
Monitor: Sarah Flaherty	Time: <del>0735</del>
Weather: clear 60°F	1435 - 1645

Photo Numbers:  
on sewer in folder w/ today's date

Activity that requires monitor's presence:  
weekly inspection

Description of Construction Activities Observed:  
no work observed

Compliance Observations and Issues:

ESA Fencing: in place, though sagging

Wildlife Pitfalls/Traps/Pipes: none observed

Nesting Birds: yes; prev. obs. Anna's Hummingbird nest @ Admin Building

Coordination with Construction Personnel: spoke to a couple of Alb crew

Other Compliance Issues: none

Wildlife Species List for Day:

TUVU	YRWA
AmCR	KEST
ANHU (incubating nest)	WCSP
	GCSP
NOMO	RTHA
BLPH	
RWBB	
CASJ	
California ground squirrel	



1333 Broadway, Suite 800  
Oakland, CA 94612

*Sarah Flaherty*



### Daily Monitoring Checklist

(Check if in compliance)

Date Feb 3 2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately  
*- ANH @ admin building fine w/o buffer*
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 2/10/22
Monitor: Alan Chan-Huvarado	Time: 1045-1215
Weather: 65°F, 4 mph wind, sunny, clear	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence: weekly inspection	
Description of Construction Activities Observed: no work observed	
Compliance Observations and Issues:	
ESA Fencing: in place, though sagging	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: yes, previously observed Anna's hummingbird nest @ admin building	
Coordination with Construction Personnel: No observed AEC crew	
Other Compliance Issues: None	
Wildlife Species List for Day: Anna's hummingbird, California scrub jay, house finch, black phoebe, American crow, white-collared sparrow	



**Daily Monitoring Checklist**

(Check if in compliance)

Date 2/10/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:



300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station	Date: 2/18/22
Monitor: <i>Katie McLean</i>	Time: 11:00am
Weather: <i>Partly cloudy, 60°F</i>	
Photo Numbers: <i>2022.02.18</i>	
Activity that requires monitor's presence: <i>Housekeeping, nesting bird survey</i>	
Description of Construction Activities Observed: <i>Housekeeping</i>	
Compliance Observations and Issues: <i>None</i>	
ESA Fencing: <i>Located across spoils pile, in good condition.</i>	
Wildlife Pitfalls/Traps/Pipes: <i>none observed</i>	
Nesting Birds: <i>Several ANTHU nests observed next to admin building. No nests observed near battery pad or spoils pile.</i>	
Coordination with Construction Personnel: <i>Asked ALTB to repair silt fence.</i>	
Other Compliance Issues:	<i>Saw one ANTHU in tree near nest, but no chicks yet.</i>
<i>Silt fence sagging in one spot.</i>	
Wildlife Species List for Day: <i>HOF1</i> <del><i>WOF1</i></del> <i>NOMO</i> <i>ANTHU</i> <i>CASJ</i>	



**Daily Monitoring Checklist**Date 2/18/22

(Check if in compliance)

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☐ Straw wattles and/or silt fence are in place and in good condition  
*Asked ALB to repair sagging silt fence in one location.*
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

## Biological Monitoring Log

Marsh Landing Generating Station	Date: 25 FEB 2012
Monitor: Jan Stead	Time: 10AM - Noon
Weather: clear, cool (predicted high 60°F)	
Photo Numbers: various - see project folder	
Activity that requires monitor's presence: house keeping, electrical work, weekly monitoring inspection	
Description of Construction Activities Observed: electrical connections (above ground) for lighting battery pad	
Compliance Observations and Issues:	
ESA Fencing: OK	
Wildlife Pitfalls/Traps/Pipes: None	
Nesting Birds: Only nest observed was the Anna's hummingbird nest at aralia tree by admin building - outside project area	
Coordination with Construction Personnel: said hi	
Other Compliance Issues: None	
Wildlife Species List for Day: (at 5' margin away from work area - except if otherwise noted) black phoebe CA ground squirrel (pry remains) or gopher? - within plant area but not project footprint red tailed hawk (overhead) scrub jay mourning dove yellow-rumped warbler	



**Daily Monitoring Checklist**  
(Check if in compliance)

Date 25 FEB 2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ <sup>NA</sup> All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**URS**

1333 Broadway, Suite 800  
Oakland, CA 94612

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 3/04/22
Monitor: Alan Chan-Alvarado	Time: 1345-1830
Weather: 61°F, 20 mph wind, clear, sunny	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence: weekly inspection, house keeping	
Description of Construction Activities Observed: no work observed	
Compliance Observations and Issues:	
ESA Fencing: in place	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (previous ANTHU nest @ Admin building minimal bird activity no larger active)	
Coordination with Construction Personnel: none observed (ALB)	
Other Compliance Issues: none	
Wildlife Species List for Day: Anna's hummingbird, California scrub jay, turkey vulture, white-crowned sparrow	



**Daily Monitoring Checklist**  
(Check if in compliance)

Date 3/04/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed known nests buffered appropriately
- ☒ Straw wattles and or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**AECOM**

300 Lakeside Drive Suite 400  
Oakland CA 94612 USA

## Biological Monitoring Log

Marsh Landing Generating Station	Date: 3/8/22		
Monitor: Kate Mulezn	Time: 8:10am		
Weather: Sunny, cloudless, breezy			
Photo Numbers: in project folder w/ today's date			
Activity that requires monitor's presence: Weekly inspection			
Description of Construction Activities Observed: Housekeeping			
Compliance Observations and Issues:			
ESA Fencing: Segging at spoils pile.			
Wildlife Pitfalls/Traps/Pipes: None observed			
Nesting Birds: None w/in project site boundaries			
Coordination with Construction Personnel: N/A			
Other Compliance Issues: None observed			
Wildlife Species List for Day:			
NOFL	ANHU	GLSP	TWU
HOFI	NOMO	GBHE	
	CORA	YRWA	
Cliff Swallows flying in and out of nests on back building near of MLGS site			
POPI			
No activity at ANHU nests next to Admin building			
CAST			

Note - I forgot to write this on the datasheet, but I found part of a dead small mammal, possibly a cottontail, in the battery pad area. It looked like it had been there a while, and one of the ALB crew said it had appeared there several weeks ago. Looks like maybe a RTHA or similar dropped it while flying overhead.



**Daily Monitoring Checklist**

(Check if in compliance)

Date 3/8/22

- ☐ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.  
*ESA Fencing across spoils pile is sagging + in poor/moderate condition.*
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**URS**1333 Broadway, Suite 800  
Oakland, CA 94612

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 3/14/22
Monitor: Alan Chan-Alvarado	Time: 11:50 - 1:30
Weather: 62°F, 3 mph	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence: weekly inspection, pre-storm inspection	
Description of Construction Activities Observed: battery station maintenance	
Compliance Observations and Issues:	
ESA Fencing: in place	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (previous ANTH nest @ Admin Building no longer active)	
Coordination with Construction Personnel: NA	
Other Compliance Issues: none	
Wildlife Species List for Day: Anna's hummingbird, western meadowlark, house finch, cliff swallow	

**AECOM**300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA



**Daily Monitoring Checklist**  
(Check if in compliance)Date 3/14/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**AECOM**300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station	Date: 11:00 - 12:45 pm
Monitor: Sarah Flaherty	Time: March 25 2022
Weather: Sunny, 65°F 8 mph w	
Photo Numbers: on server by date	
Activity that requires monitor's presence: Electrical work at battery pad	
Description of Construction Activities Observed:  ↑	
Compliance Observations and Issues:	
ESA Fencing: in place at Excess soils pad	
Wildlife Pitfalls/Traps/Pipes: noted a few that need to be capped/elevated	
Nesting Birds: cliff swallows nesting on adjacent brick building — not in project area	
Coordination with Construction Personnel: met w/ Michael Curren (SE Energy) + discussed issues	
Other Compliance Issues: dumpster should be covered by end of workday	
Wildlife Species List for Day:	
Turkey Vulture	Song sparrow
red-tailed hawk	black phoebe
mourning dove	
Anna's hummingbird	
California scrub-jay	
Cliff's swallow (nesting)	
northern mockingbird	
house finch	
Spotted towhee	



### Daily Monitoring Checklist (Check if in compliance)

Date March 25 2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
  - active cliff swallow nests — not in project area
- ☐ Straw wattles and/or silt fence are in place and in good condition
  - section near spoils pile should be replaced — sending more details to team
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:



## Biological Monitoring Log

Marsh Landing Generating Station	Date: 3/29/22
Monitor: Kane McLezn	Time: 9:30
Weather: Sunny, cloudless, slight breeze	
Photo Numbers: saved in project folder w/ today's date	
Activity that requires monitor's presence: weekly inspection	
Description of Construction Activities Observed: Housekeeping	
Compliance Observations and Issues:	
ESA Fencing: ESA fencing is in moderate to poor condition around the spoils pile. It's sagging/falling in some areas.	
Wildlife Pitfalls/Traps/Pipes: None observed	
Nesting Birds: None observed in project area	
Coordination with Construction Personnel: None	
Other Compliance Issues: <del>reservoirs</del> Straw wattles on south side of spoils pile are beginning to deteriorate.	
Wildlife Species List for Day:	
AMUR	NOMO MODO
CLIF	Cliff swallows nesting in brick building north of the site
HOFI	<del>Says photo</del>
TUVU	Osprey
CAST	KILL - possibly nesting south of project site
ANHU	WEHI



**Daily Monitoring Checklist**Date 3/29/22

(Check if in compliance)

- ☐ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.  
*ESA fencing sagging/falling in some areas around spoils pile*
- ☒ All trenches left open overnight have an escape ramp or are completely covered  
*N/A*
- ☒ No new bird nesting activity observed/known nests buffered appropriately  
*None w/in project area*
- ☐ Straw wattles and/or silt fence are in place and in good condition  
*Wattles on south side of spoils pile beginning to deteriorate.*
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**URS**1333 Broadway, Suite 800  
Oakland, CA 94612

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 4/05/22
Monitor: Man Chen-Alvarado	Time: 1215-1415
Weather: 65°F, 14 mph wind, clear, sunny skies	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence: no work observed	
Description of Construction Activities Observed:	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (minimal bird activity)	
Coordination with Construction Personnel: No observed ALB crew	
Other Compliance Issues: none	
Wildlife Species List for Day: turkey vulture, American crow, great egret, house finch, black phoebe	





**Daily Monitoring Checklist**

(Check if in compliance)

Date 4/05/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☐ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☐ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station	Date: Apr 12 2022
Monitor: Sarah Flaherty	Time: 1:05 pm - 2:00 pm
Weather: Sunny	
Photo Numbers: on server by date	
Activity that requires monitor's presence: weekly inspection	
Description of Construction Activities Observed: none, small team onsite checking electrical at battery pad	
Compliance Observations and Issues:	
ESA Fencing: none	
Wildlife Pitfalls/Traps/Pipes: none	
Nesting Birds: none	
Coordination with Construction Personnel: none	
Other Compliance Issues: none	
Wildlife Species List for Day: Turkey Vulture House Finch Northern Mockingbird cliff swallow	

**URS**1333 Broadway, Suite 800  
Oakland, CA 94612

314 337 2283



**Daily Monitoring Checklist**

(Check if in compliance)

Date April 12 2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. *fence on spoils pile has been removed per punch list but no concerns result*
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:



1333 Broadway, Suite 800  
Oakland, CA 94612

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 4/20/22
Monitor: Alon Chan-Alvarado	Time: 9:45 - 11:45
Weather: 60°F, bumpy wind, clear, sunny skies	
Photo Numbers: On server in folder w/ today's date	
Activity that requires monitor's presence:	
No work observed	
Description of Construction Activities Observed:	
NA	
Compliance Observations and Issues:	
ESA Fencing: NA	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (minimal bird activity)	
Coordination with Construction Personnel: no observed ALB crew working	
Other Compliance Issues: none	
Wildlife Species List for Day:	
American crow, house finch, turkey vulture, black phoebe, seagull sp.	



**Daily Monitoring Checklist**

(Check if in compliance)

Date 4/20/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☐ No pets are present on site

Notes:



300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 4/27/22
Monitor: Alan Chan - 171444440	Time: 12:15 - 2:15
Weather: 70.5° F, 15 mph wind, clear, sunny skies	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence:	
No work observed	
Description of Construction Activities Observed:	
N/A	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (minimal bird activity)	
Coordination with Construction Personnel: no observed ALB crew working; spoke to ALB crew in trailer about planned excavation at grassy hill	
Other Compliance Issues:	
None	
Wildlife Species List for Day:	
turkey vulture, American crow, European starling, black phoebe, house finch, Anna's hummingbird	
Plant List:	
shortpod mustard, great brome grass, hairy vetch, melilot/sweet clover, telegraph weed, Spanish clover, prickly lettuce, horsetweed, Mediterranean stork's bill	



**Daily Monitoring Checklist**  
(Check if in compliance)

Date 4/27/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

**Pre-construction survey:**

A pre-construction survey was completed in anticipation of a 20x20' and 6-10' deep excavation planned just outside the stockpile area in the southwest corner of the site. The survey entailed documenting wildlife, nesting birds, and vegetation in and around the excavation area. No special-status species or nesting birds were observed. A list of wildlife and vegetation species are included in this report, and photos of the vegetation, surrounding habitat, and notable features are uploaded to the folder with the corresponding date.

Notes:

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA



## Biological Monitoring Log

Marsh Landing Generating Station	Date: 5/2/22
Monitor: Katie Mulezn	Time: 9:00am
Weather: Cloudy, windy	
Photo Numbers: Saved in project file w/ today's date	
Activity that requires monitor's presence: weekly inspection	
Description of Construction Activities Observed: Housekeeping	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed in project area	
Coordination with Construction Personnel: none	
Other Compliance Issues: none observed	
Wildlife Species List for Day:	
HOFI	
AMUR	
RTHA	
MODO	
CAST	



**Daily Monitoring Checklist**  
(Check if in compliance)Date 5/2/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**URS**1333 Broadway, Suite 800  
Oakland, CA 94612

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 5/09/22
Monitor: Alan Chan-Alvarado	Time: 10:45-12:00
Weather: 56° F, 13 mph winds, mostly cloudy skies	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence: no work observed	
Description of Construction Activities Observed:  NA	
Compliance Observations and Issues:	
ESA Fencing: NA	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (minimal bird activity)	
Coordination with Construction Personnel: no observed ALB crew working	
Other Compliance Issues:  None	
Wildlife Species List for Day: CA scrub jay, house finch, turkey vulture, black phoebe	



**Daily Monitoring Checklist**  
(Check if in compliance)Date 5/09/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 5/17/22
Monitor: Alan Chan-Alvarado	Time: 10:30-12:30
Weather: 67°F, 12 mph winds, clear sky	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence: no work	
Description of Construction Activities Observed: general clean up	
Compliance Observations and Issues:	
ESA Fencing: NA	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (minimal bird activity)	
Coordination with Construction Personnel: Spoke with SE energy crew about excavation completion + next plans for grassy hill (hydroseed)	
Other Compliance Issues: none	
Wildlife Species List for Day: house finch, mourning dove, swallow spp., great egret, turkey vulture, black phoebe	



**Daily Monitoring Checklist**

(Check if in compliance)

Date 5/17/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

- grassy hill has been cleared of ~~the~~ vegetation via weed whacking  
 - hydroseeding of hill planned for tomorrow (5/18/22)  
 - excavation work is complete + backfilled

Notes:



300 Lakeside Drive, Suite 400  
 Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 5/23/22
Monitor: Alan Chan-Alvarado	Time: 10:45-12
Weather: 80s-90s - 12 mph winds & clear sky	
Photo Numbers: on server in folder w/ today's date	
Activity that requires monitor's presence: no work	
Description of Construction Activities Observed: general clean up	
Compliance Observations and Issues:	
ESA Fencing: NA	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed (minimal bird activity)	
Coordination with Construction Personnel:	Spoke with SE energy crew about future work at Battery Pond but no new info
Other Compliance Issues:	none
Wildlife Species List for Day: house finch, mourning dove, swallow f., turkey vulture, black egret	



**Daily Monitoring Checklist**  
(Check if in compliance)Date 5/25/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

- grassy hill has been hydroseeded

Notes:

**AECOM**300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station	Date: 5/31/22
Monitor: Katie McEwen	Time: 0915
Weather: Sunny, clear	
Photo Numbers: uploaded to project folder w/ today's date.	
Activity that requires monitor's presence: Weekly Injection.	
Description of Construction Activities Observed: No work observed.	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: None observed	
Nesting Birds: none observed	
Coordination with Construction Personnel: None	
Other Compliance Issues: None observed	
Wildlife Species List for Day:	
ROP1 HOF1 NOMO CAST Very little bird activity observed today.	



**Daily Monitoring Checklist**

(Check if in compliance)

Date 5/31/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction  
*Spills pile has been hydroseeded since my last visit*
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

## Biological Monitoring Log

Marsh Landing Generating Station	Date: 8 June 2022
Monitor: Sarah Flaherty	Time: 0900 - 10:00
Weather: 74°F, WS 11 mph, cloud cover 70%	
Photo Numbers: on server filed by date	
Activity that requires monitor's presence: weekly inspection per CEC agreement.	
Description of construction activities observed: electricians working on battery array	
<u>Compliance Observations and Issues</u>	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: none	
Nesting Birds: none observed	
Coordination with Construction Personnel: none	
Other Compliance Issues: none	



**Wildlife Species List/Notes:**

House finch  
 Northern mockingbird  
 scrub jay  
 cliff swallow  
 American crow  
 red-tailed hawk

**Daily Monitoring Checklist**Date 8 June 2022

(Check if in compliance)

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes: site very tidy - no issues to report



## Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/16/22
Monitor: Kate McLean	Time: 9:30am
Weather: Sunny, 72°F, cloudless	
Photo Numbers: In network folder w/ today's date	
Activity that requires monitor's presence: Weekly inspection	
Description of Construction Activities Observed: None observed today	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: none observed	
Nesting Birds: none observed	
Coordination with Construction Personnel: none	
Other Compliance Issues: none	
Wildlife Species List for Day: KOP1 NOMO KOP1 OSPREY MODO	

**URS**

1333 Broadway, Suite 800  
Oakland, CA 94612



**Daily Monitoring Checklist**Date 6/16/22

(Check if in compliance)

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:



## Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/22/22
Monitor: Kacie Mulean	Time: 10:30
Weather: Partly cloudy, 90°F	
Photo Numbers: On network w/ today's base	
Activity that requires monitor's presence: Weekly inspection, nesting bird survey	
Description of Construction Activities Observed: None observed	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: None	
Nesting Birds: None observed. Surveyed water line reroute area - no nesting activity observed.	
Coordination with Construction Personnel: None	
Other Compliance Issues: None observed	
Wildlife Species List for Day:  HOFI RTHA	



**Daily Monitoring Checklist**  
(Check if in compliance)Date 6/22/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**URS**1333 Broadway, Suite 800  
Oakland, CA 94612

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 6/29/22
Monitor: Alan Chan-Alvarado	Time: 9:45
Weather: partly cloudy, 69°F, winds at 13 mph	
Photo Numbers: on network w/ today's date	
Activity that requires monitor's presence: weekly inspection, nesting bird survey	
Description of Construction Activities Observed:  none observed	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: none	
Nesting Birds: none observed	
Coordination with Construction Personnel: None	
Other Compliance Issues: none observed	
Wildlife Species List for Day: HOFI, CASJ, MODO	



**Daily Monitoring Checklist**  
(Check if in compliance)

Date 6/29/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:



300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 7/07/22
Monitor: Alan Chen-Alvarado	Time: 10:00
Weather: Partly cloudy 69°F, wind at 10 mph	
Photo Numbers: on network w/ today's date	
Activity that requires monitor's presence: weekly inspection, nesting bird survey	
Description of Construction Activities Observed: none observed	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: none	
Nesting Birds: none observed	
Coordination with Construction Personnel: none	
Other Compliance Issues: none observed	
Wildlife Species List for Day: CASJ, northern harrier, Amer. crow, great egret, MODO, HOF1	

**AECOM**300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA



**Daily Monitoring Checklist**

(Check if in compliance)

Date 7/07/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:



300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station: <i>Battery Park</i>	Date: <i>Jul-13-2022</i>
Monitor: <i>Derek Jansen</i>	Time: <i>1430-1630</i>
Weather: <i>59-82°F, W@15mph, 37% humidity, 0 precip.</i>	
Photo Numbers: <i>20220713-</i>	
Activity that requires monitor's presence: <i>Site visit. No construction activity</i>	
Description of Construction Activities Observed: <i>N/A</i>	
• <i>Future pipeline installation</i>	
Compliance Observations and Issues: <i>None</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>Elevate/cap pipes or inspect prior to use.</i>	
Nesting Birds: <i>None</i>	
Coordination with Construction Personnel: <i>None</i>	
Other Compliance Issues: <i>N/A</i>	
Wildlife Species List for Day: <i>Red-tailed hawk, N. mockingbird, turkey vulture, CA scrub jay, rock pigeon,</i>	



**Daily Monitoring Checklist**

(Check if in compliance)

Date Jul-13-2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. *No ESA fencing*
- ☒ All trenches left open overnight have an escape ramp or are completely covered. *No trenches or excavations.*
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction. *Soil stockpile hydroseeded.*
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 7/18/22
Monitor: Alan Chan-Alvarado	Time: 0900 - 1530
Weather: clear, sunny 78-89°F; 12 mph wind	
Photo Numbers: on network w/ today's date	
Activity that requires monitor's presence: trenching @ Battery Pad	
Description of Construction Activities Observed: trenching w/ excavator to unearth pipes, locate obstacles, bury new pipe	
Compliance Observations and Issues:	
ESA Fencing: none	
Wildlife Pitfalls/Traps/Pipes: two excavations left over night w/ escape ramps	
Nesting Birds: none observed	
Coordination with Construction Personnel: reminders about trash on site, wildlife escape ramps, pipes capped	
Other Compliance Issues: none	
Wildlife Species List for Day: house finch, turkey vulture, osprey	



**Daily Monitoring Checklist**

(Check if in compliance)

Date 7/18/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

- Two open trenches left overnight with escape ramps and caution tape border.
- slow progress today due to underground obstacles
- work is expected to go to at least Wednesday (7/20)
- pipes left uncapped will be checked/inspected before work continues

Notes:

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 7/19/22
Monitor: Alan Chan-Alvarado	Time: 0700-1500
Weather:	
Photo Numbers: on network w/ today's date	
Activity that requires monitor's presence: trenching	
Description of Construction Activities Observed: trenching w/ excavator to unearth pipes, locate obstacles, large new pipe	
Compliance Observations and Issues:	
ESA Fencing: none	
Wildlife Pitfalls/Traps/Pipes: trench excavation w/ escape ramps left over night	
Nesting Birds: none observed	
Coordination with Construction Personnel: reminders about trash bins needing lids/covers & open pipes needing inspections	
Other Compliance Issues: before they can be used none	
Wildlife Species List for Day: house finch, wren	

**AECOM**300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA



**Daily Monitoring Checklist**  
(Check if in compliance)

Date 7/19/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes:

- trench digging almost complete, escape ramps on both ends of trench
- pits left uncapped on the ground but will be inspected before use for material

**AECOM**

10 Lakeside Drive, Suite 400  
Oakland, CA 94612 USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 7/20/22
Monitor: Alan Chan-Alvarado	Time: 0700-1500
Weather: clear, sunny 61-91°F, 10 mph wind	
Photo Numbers: on network w/ today's date	
Activity that requires monitor's presence: trenching	
Description of Construction Activities Observed: trenching w/ excavator to unearth pipes, locate pedestals, lay new pipe	
Compliance Observations and Issues:	
ESA Fencing: none	
Wildlife Pitfalls/Traps/Pipes: trench excavation w/ escape ramps left over night	
Nesting Birds: none observed	
Coordination with Construction Personnel: reminders about escape ramps, uncapped pipes, and trash	
Other Compliance Issues: none	
Wildlife Species List for Day: house finch, cliff swallow	

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA



**Daily Monitoring Checklist**

(Check if in compliance)

Date 7/20/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

## Notes:

- excavation work finished today
- escape ramps installed at each corner of the trench
- open pipes will be elevated from ground
- trash bins should be covered each night
- no environmental issues

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station: <i>Battery Park / Pipeline</i>	Date: <i>July-28-2022</i>
Monitor: <i>Derek Jansen</i>	Time: <i>0900-1100</i>
Weather: <i>86-76°F, Wind W@ 12 mph, 46% Humidity, 0% Precip</i>	
Photo Numbers: <i>20220728-</i>	
Activity that requires monitor's presence: <i>Water pipeline installation.</i>	
Description of Construction Activities Observed: <i>Soil backfill, compaction, and dust control</i>	
Compliance Observations and Issues: <i>None</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>Clear excavation prior to backfill</i>	
Nesting Birds: <i>None</i>	
Coordination with Construction Personnel: <i>Manuel (ALB Foreman)</i>	
<i>Excavation start 7/17, end 8/1 or 2</i>	
Other Compliance Issues:	
Wildlife Species List for Day: <i>Rock pigeon, house finch, red-tailed hawk, N. mockingbird, CA scrubjays, turkey vulture, coyote (track)</i>	



**Daily Monitoring Checklist**  
(Check if in compliance)

Date July - 28 - 2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. *N/A*
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes: *N/A*



300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station:	Date: 8/01/22
Monitor: Alan Chan-Alvarado	Time: 10:45 - 11:50
Weather: partly cloudy 70° F	
Photo Numbers:	on network w/ today's date
Activity that requires monitor's presence:	housekeeping
Description of Construction Activities Observed:	trench @ Battery Pad backfilling
Compliance Observations and Issues:	
ESA Fencing:	none
Wildlife Pitfalls/Traps/Pipes:	trench has been backfilled
Nesting Birds:	none observed
Coordination with Construction Personnel	Spoke to ALB about estimated completion date for p/c work on Thursday 8/04
Other Compliance Issues	none
Wildlife Species List for Day:	H&F1

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612 USA



**Daily Monitoring Checklist**

(Check if in compliance)

Date 8/02/22

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☒ All trenches left open overnight have an escape ramp or are completely covered
- ☒ No new bird nesting activity observed/known nests buffered appropriately
- ☒ Straw wattles and/or silt fence are in place and in good condition
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

## Notes:

- estimated date of completion is Thursday 8/04
- all open pipes were elevated off the ground & garbage bags covered

**AECOM**

300 Lakeside Drive, Suite 400  
Oakland, CA 94612, USA

## Biological Monitoring Log

Marsh Landing Generating Station: <i>Battery Park and Water line</i>	Date: <i>Aug-11-2022</i>
Monitor: <i>Derek Jansen</i>	Time: <i>1130 - 1500 hrs</i>
Weather: <i>62-88°F, W 14mph, Clear, 0% cloud cover</i>	
Photo Numbers: <i>20220811-</i>	
Activity that requires monitor's presence: <i>Final inspection</i>	
Description of Construction Activities Observed: <i>None</i>	
Compliance Observations and Issues: <i>None</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>None</i>	
Nesting Birds: <i>None</i>	
Coordination with Construction Personnel: <i>N/A - Project complete.</i>	
Other Compliance Issues: <i>None</i>	
Wildlife Species List for Day: <i>CA scrub jay, rock pigeon, Eurasian collared-dove, house finch, N. mockingbird, turkey vulture, Anna's hummingbird.</i>	



**Daily Monitoring Checklist**  
(Check if in compliance)

Date Aug-11-2022

- ☒ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. *None*
- ☒ All trenches left open overnight have an escape ramp or are completely covered. *Project complete.*
- ☒ No new bird nesting activity observed/known nests buffered appropriately. *None*
- ☒ Straw wattles and/or silt fence are in place and in good condition. *Project complete, hydroseeded*
- ☒ Any areas of disturbed soil with slopes off the site are stabilized to reduce erosion potential during and after construction. *Soil stockpile hydroseeded*
- ☒ Speed limit signs and messages are in place and accurate
- ☒ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☒ Deliberate feeding of wildlife is not occurring
- ☒ Food-related trash is being disposed of in closed containers and removed weekly
- ☒ No firearms are present on site (except security personnel)
- ☒ No pets are present on site

Notes: *Project complete and all equipment/materials removed.  
Site is tidy.*