

**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 AM       |
| Photo Numbers: SAVED + LABELED ON SERVER   |               |
| Activity that requires monitor's presence: ONGOING ELECTRICAL WORK RELATED TO BATTERY PAD INSTALLATION                       |               |
| Description of Construction Activities Observed:<br>(GRADING + TARDING 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:<br>TUVU, ILOPI, YRWA, ANHU, NOMB, SARH, CAOS, WCSP, OCWA<br><br>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:

## Biological Monitoring Log

|   |                          |
|---|--------------------------|
| Marsh Landing Generating Station: <i>Battery Park</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 Park install and electrical</i>  |                          |
| Description of Construction Activities Observed: <i>Grading drainage ditch, riprap placement below battery park, 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:<br>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:<br>CASS, NOMB, ANHW, YRWA, HOFI, TUVU, ROP1, WCSP, GCS P, DSPR, RCK1                    |                    |

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**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.

## Biological Monitoring Log

|   |                       |
|---|-----------------------|
| Marsh Landing Generating Station  | Date: January 27 2022 |
| Monitor: Sarah Flaherty   | Time: 11:30 - 12:15   |
| Weather: clear  |                       |
| Photo Numbers:<br>on server with today's date   |                       |
| Activity that requires monitor's presence:<br>Weekly inspection per <del>general</del> protocol |                       |
| Description of Construction Activities Observed:<br>site housekeeping                           |                       |
| Compliance Observations and Issues:   |                       |
| ESA Fencing: could be pulled up on sports hill 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  |                       |
| CASJ  |                       |
| NOMO  |                       |
| CORA  |                       |
| RTHA  |                       |

510-874-3132

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**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:



**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  
*- ANHu @ 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-Hvarado  | 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:<br>weekly inspection   |                 |
| Description of Construction Activities Observed:<br>no work observed  |                 |
| Compliance Observations and Issues:   |                 |
| ESA Fencing: in place, though sagging   |                 |
| Wildlife Pitfalls/Traps/Pipes: none observed  |                 |
| Nesting Birds: yes, probably observed Anna's hummingbird nest @ admin building  |                 |
| Coordination with Construction Personnel: No observed AEC crew  |                 |
| Other Compliance Issues: None   |                 |
| Wildlife Species List for Day:<br>Anna's hummingbird, California scrub jay, house finch, black phoebe, American crow, white-crowned sparrow |                 |

**Daily Monitoring Checklist**

Date 2/10/22

(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:



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## Biological Monitoring Log

|   |  |
|---|--|
| Marsh Landing Generating Station  | Date: 2/18/22  |
| Monitor: <i>Karie McLean</i>  | Time: 11:00am  |
| Weather: <i>Partly cloudy, 60°F</i>   |  |
| Photo Numbers:<br><i>2022.02.18</i>   |  |
| Activity that requires monitor's presence:<br><i>Housekeeping, nesting bird survey</i>  |  |
| Description of Construction Activities Observed:<br><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.<br/>No nests observed near battery pad or spoils pile.</i> |  |
| Coordination with Construction Personnel:<br><i>Asked ALTS to repair silt fence.</i>  |  |
| Other Compliance Issues:<br><i>Silt fence sagging in one spot.</i>  | <i>Saw one ANTHU in tree near nest,<br/>but no chicks yet.</i> |
| Wildlife Species List for Day:<br><i>HOP1<br/><del>WSP1</del><br/>NOMO<br/>ANTHU<br/>CAST</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.
- 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  
*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: Jon Stead  | Time: 10AM - Noon |
| Weather: clear, cool (predicted high 60°F)  |                   |
| Photo Numbers:<br>various - see project folder  |                   |
| Activity that requires monitor's presence:<br>house keeping, electrical work, weekly monitoring inspection  |                   |
| Description of Construction Activities Observed:<br>electrical connections (above ground) for lighting<br>battery pad   |                   |
| Compliance Observations and Issues:   |                   |
| ESA Fencing: OK   |                   |
| Wildlife Pitfalls/Traps/Pipes: None   |                   |
| Nesting Birds: Only nest observed was the Anna's Hummingbird<br>nest at aralia tree by admin building - outside project area  |                   |
| Coordination with Construction Personnel:<br>said hi  |                   |
| Other Compliance Issues:<br>None  |                   |
| Wildlife Species List for Day: (at 5' margin away from work area -<br>except if otherwise noted)<br>black phoebe<br>CA ground squirrel (pry remains) or gopher? - within plant area but<br>not project footprint<br>red tailed hawk (overhead)<br>scrub jay<br>mourning dove<br>yellow-rumped warbler |                   |

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**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.
- All <sup>NA</sup>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: 3/07/22   |
| Monitor: Alan Chan-Alvarado  | Time: 1345-1430 |
| Weather: 61°F, 20 mph wind, clear, sunny   |                 |
| Photo Numbers: on server in folder w/ today's date   |                 |
| Activity that requires monitor's presence:<br>weekly inspection, house keeping                                       |                 |
| Description of Construction Activities Observed:<br>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<br>minimal bird activity no larger active)        |                 |
| Coordination with Construction Personnel: none observed (ALB)  |                 |
| Other Compliance Issues:<br>none   |                 |
| Wildlife Species List for Day:<br>Anna's hummingbird, California scrub jay, turkey vulture,<br>white-crowned sparrow |                 |

**Daily Monitoring Checklist**

Date 3/04/22

(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:

**AECOM**

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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:<br>Weekly inspection                 |              |      |      |
| Description of Construction Activities Observed:<br>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:<br>None observed                                       |              |      |      |
| Wildlife Species List for Day:  |              |      |      |
| NOFL  | ANHU         | GLSP | TWRU |
| HOFI  | NOMD         | GBHE |      |
|   | CORA         | YRWA |      |
| Cliff Swallows flying in and out of nests on back building near<br>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**Date 3/8/22

(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 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:

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## 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:<br>weekly inspection, pre-storm inspection                |                    |
| Description of Construction Activities Observed:<br>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:<br>none   |                    |
| Wildlife Species List for Day:<br>Anna's hummingbird, western meadowlark, house finch, cliff swallow |                    |

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**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

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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 8mph w   |                        |
| Photo Numbers:<br>on server by date   |                        |
| Activity that requires monitor's presence:<br>Electrical work at battery pad                      |                        |
| Description of Construction Activities Observed:<br><br>↑   |                        |
| 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)<br>+ discussed issues |                        |
| Other Compliance Issues:<br>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 wallow (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:

**URS**

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Oakland, CA 94612

## Biological Monitoring Log

|   |   |
|---|---|
| Marsh Landing Generating Station  | Date: 3/29/22                                 |
| Monitor: Kane McLezn  | Time: 9:30                                    |
| Weather: Sunny, cloudless, slight breeze  |   |
| Photo Numbers:<br>saved in a project folder w/ today's date   |   |
| Activity that requires monitor's presence:<br>weekly inspection   |   |
| Description of Construction Activities Observed:<br>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:<br>None observed   |   |
| Nesting Birds:<br>None observed in project area   |   |
| Coordination with Construction Personnel:<br>None   |   |
| Other Compliance Issues:<br><del>xxxxxxxxxxxx</del><br>Straw wattles on south side of spoils pile are beginning to deteriorate. |   |
| Wildlife Species List for Day:  |   |
| AMUR  | NOMO MODO                                     |
| Cliff swallows  | nesting in brick building north of site       |
| HOFI  | <del>Says photo</del>                         |
| TUVU  | Osprey  |
| CAST  | KILL - possibly nesting south of project site |
| ANHU  | WEKI  |

**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:

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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:<br>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:<br>turkey vulture, American crow, great egret, <del>tray</del> house finch, black phoebe |                 |

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

**Daily Monitoring Checklist**

Date 4/05/22

(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:



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:<br>on server by date  |                         |
| Activity that requires monitor's presence:<br>weekly inspection  |                         |
| Description of Construction Activities Observed:<br>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:<br>Turkey Vulture<br>House Finch<br>Northern Mockingbird<br>cliff swallow       |                         |

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

31 337 2283

**Daily Monitoring Checklist**

Date April 12 2022

(Check if in compliance)

- 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:

## Biological Monitoring Log

|   |                    |
|---|--------------------|
| Marsh Landing Generating Station:   | Date: 4/20/22      |
| Monitor: Alan Chan-Alvarado   | Time: 9:45 - 11:45 |
| Weather: 60°F, light wind, clear, sunny skies   |                    |
| Photo Numbers: On server in folder w/ today's date  |                    |
| Activity that requires monitor's presence:<br>No work observed  |                    |
| Description of Construction Activities Observed:<br>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:<br>American crow, house finch, turkey vulture, black phoebe, seagull sp. |                    |

**Daily Monitoring Checklist**Date 4/20/22

(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:



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

## Biological Monitoring Log

|  |                    |
|--|--------------------|
| Marsh Landing Generating Station:  | Date: 4/27/22      |
| Monitor: Alan Chan - Alvarez   | Time: 12:15 - 2:15 |
| Weather: 70° 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;<br>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,<br>house finch, Anna's hummingbird   |                    |
| Plant List:  |                    |
| shortpod mustard, great brome grass, hairy vetch, melilot/sweet clover, telegraph weed, Spanish clover, prickly lettuce, horseweed, 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:



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:<br>weekly inspection  |              |
| Description of Construction Activities Observed:<br>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:<br>none observed                        |              |
| Wildlife Species List for Day:                                   |              |
| HDFI   |              |
| AMUR   |              |
| RTHA   |              |
| MODO   |              |
| CAST   |              |

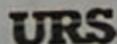
**Daily Monitoring Checklist**

Date 5/2/22

(Check if in compliance)

- ~~ETA~~ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ~~ETA~~ 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<sup>1</sup>

Notes:



## 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:<br>no work observed                            |                   |
| Description of Construction Activities Observed:<br>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:<br>None  |                   |
| Wildlife Species List for Day:<br>CA scrub jay, House finch, turkey vulture, black phoebe |                   |

**Daily Monitoring Checklist**

Date 5/09/22

(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:



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:<br>no work  |                   |
| Description of Construction Activities Observed:<br>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:<br>none   |                   |
| Wildlife Species List for Day:<br>house finch, mourning dove, swallow spp., great egret, turkey vulture, black phoebe                    |                   |

**Daily Monitoring Checklist**Date 5/17/22

(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

- 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:

**AECOM**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 sp., turkey vulture, black egret        |

**Daily Monitoring Checklist**  
(Check if in compliance)Date 5/23/22

- 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 McLean   | Time: 0915    |
| Weather: Sunny, clear   |               |
| Photo Numbers: uploaded to project folder w/ today's date.            |               |
| Activity that requires monitor's presence:<br>Weekly inspection.      |               |
| Description of Construction Activities Observed:<br>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:<br>None observed                             |               |
| Wildlife Species List for Day:  |               |
| ROPI  |               |
| HOPI  |               |
| NOMO  |               |
| CAST  |               |
| Very little bird activity observed today.                             |               |

**Daily Monitoring Checklist**

(Check if in compliance)

Date 5/31/22

- ~~11~~ 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  
*Spots file 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 sewer 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

**URS**

1333 Broadway, Suite 800  
 Oakland, CA 94612

# 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:<br>Weekly inspection         |               |
| Description of Construction Activities Observed:<br>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:<br>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:<br>Weekly inspection, nesting bird survey           |               |
| Description of Construction Activities Observed:<br>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:<br>None observed  |               |
| Wildlife Species List for Day:<br><br>HDFI<br>RTHA   |               |

**Daily Monitoring Checklist**

Date 6/22/22

(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: 6/29/22 |
| 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:<br>weekly inspection, nesting bird survey |               |
| Description of Construction Activities Observed:<br><br>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:<br>HOFI, CASJ, MODD                                   |               |

**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 Chan-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:<br>weekly inspection, nesting bird survey             |               |
| Description of Construction Activities Observed:<br>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:<br>none observed  |               |
| Wildlife Species List for Day:<br>CASJ, northern harrier, Amer. crow, great egret, MODO,<br>HOF1 |               |

**Daily Monitoring Checklist**

Date 7/07/22

(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:



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

## Biological Monitoring Log

|   |                          |
|---|--------------------------|
| Marsh Landing Generating Station: <i>Battery Park</i>   | Date: <i>Jul-13-2002</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**

Date Jul-13-2002

(Check if in compliance)

- 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:<br>trenching @ Battery Pad   |                   |
| Description of Construction Activities Observed:<br>trenching w/ excavator to unearth pipes, locate obstacles,<br>bury new pipe |                   |
| Compliance Observations and Issues:   |                   |
| ESA Fencing: none   |                   |
| Wildlife Pitfalls/Traps/Pipes: two excavations left over night w/ escape<br>ramps   |                   |
| Nesting Birds: none observed  |                   |
| Coordination with Construction Personnel: reminders about trash on site, wildlife<br>escape ramps, pipes capped                 |                   |
| Other Compliance Issues:<br>none  |                   |
| Wildlife Species List for Day:<br>house finch, turkey vulture, osprey   |                   |

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

**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 atleast Wednesday (7/20)
- pipes left uncapped will be checked/inspected before work continues

Notes:

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## 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:<br>trenching   |                 |
| Description of Construction Activities Observed:<br>trenching w/ excavator to unearth pipes, locate obstacles,<br>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 trash bins needing<br>lids/covers & open pipes needing inspections<br>before they can be used |                 |
| Other Compliance Issues:<br>none  |                 |
| Wildlife Species List for Day:<br>house finch, sprey  |                 |

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**Daily Monitoring Checklist**

Date

7/19/22

(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 of 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 from below

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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:<br>trenching  |                 |
| Description of Construction Activities Observed:<br>trenching w/ excavator to unearth pipes, locate pedestals, bury 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:<br>none   |                 |
| Wildlife Species List for Day:<br>house finch, cliff swallow   |                 |

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**Daily Monitoring Checklist**Date 7/20/22

(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:

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

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## 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><br><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 scrubjay, 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*



## 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 pipe work on Thursday 8/04 |
| Other Compliance Issues                          | none  |
| Wildlife Species List for Day:                   | H&F1  |

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**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

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## 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: *Final inspection*

Description of Construction Activities Observed: *None*

Compliance Observations and Issues: *None*

ESA Fencing: *N/A*

Wildlife Pitfalls/Traps/Pipes: *None*

Nesting Birds: *None*

Coordination with Construction Personnel: *N/A - Project complete.*

Other Compliance Issues: *None*

Wildlife Species List for Day: *CA scrub jay, rock pigeon, Eurasian collared-dove, house finch, N. mockingbird, turkey vulture, Anna's hummingbird.*

**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.*