

DOCKETED

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Project Title:	Marsh Landing Generating Station Compliance
TN #:	242515-4
Document Title:	2021 CEC Annual Compliance Report Part 3A
Description:	Annual Compliance Operations Report
Filer:	David Frandsen
Organization:	NRG
Submitter Role:	Applicant
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Docketed Date:	4/1/2022

Daily Monitoring Checklist

Date Jun-4-2021

(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: 6/7/21
Monitor: Joe Bandel	Time: 7:10 - 9:30
Weather: Clear, Sunny, temps in 60s - 70s	
Photo Numbers:	
Activity that requires monitor's presence: Work at battery pad	
Description of Construction Activities Observed: - Construction workers gathered and mentioned that work was on hold because an archeologist reported the pipe to the Energy Commission.	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: All trenches + excavations have ramps for wildlife to escape.	
Nesting Birds: No new nests observed. No ^{nesting} activity observed.	
Coordination with Construction Personnel: Talked with construction foreman and determined that construction is on hold	
Other Compliance Issues: None	
Wildlife Species List for Day: eurasian collared dove, cliff swallow, sax's phoebe, western scrubjay, turkey vulture, house finch, western fence lizard, rock dove	

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Oakland, CA 94612, USA

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(Check if in compliance)

Date 6/7/21

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Biological Monitoring Log

Marsh Landing Generating Station:	Date: 6/9/21
Monitor: Billy Splittstaesser	Time: 0745-1115
Weather: 68-75°F, clear & breezy	
Photo Numbers: 20210604_1/2	
Activity that requires monitor's presence: Sit with daily inspection / onsite safety. No new ground disturbance occurring.	
Description of Construction Activities Observed: Crews working in confined space, conduit work.	
Compliance Observations and Issues: N/A	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: Ramps in place, pipe covered, 	
Nesting Birds: No nesting observed on this date.	
Coordination with Construction Personnel: Met foreman Michael, received facility tour from David.	
Other Compliance Issues: N/A	
Wildlife Species List for Day: black-tail jackrabbit, n. rough-winged swallow, turkey vulture, rock pigeon, house pigeon, California scrub-jay, mourning dove, european starling	

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Daily Monitoring Checklist
(Check if in compliance)

Date 6/9/21

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Biological Monitoring Log

Marsh Landing Generating Station:	Date: 6/10/21
Monitor: Joe Baadel	Time: 7:25 - 9:40
Weather: Sunny, clear, cooler, temps in 50s	
Photo Numbers:	
Activity that requires monitor's presence: Construction work for battery pad	
Description of Construction Activities Observed: - Excavation at trench between Unit's 3+4 for pipeliner + utilities. - Fix caution type barrier surround battery pad excavation.	
Compliance Observations and Issues:	
ESA Fencing: NA	
Wildlife Pitfalls/Traps/Pipes: All trenches + excavations had escape ramps. Escape ramps were placed in suitable locations for use by wildlife	
Nesting Birds: No new nests found. No active nests were apparent from survey.	
Coordination with Construction Personnel: NA	
Other Compliance Issues: NA The pipes stored near the trench by Unit 4 have been placed above ground. The pipes are	
Wildlife Species List for Day: house finch, western scrub jay, cliff swallow, evanson collared dove, american crow	

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Daily Monitoring Checklist

Date 6/16/21

(Check if in compliance)

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- All trenches left open overnight have an escape ramp or are completely covered
- No new bird nesting activity observed/known nests buffered appropriately
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Biological Monitoring Log

Marsh Landing Generating Station: <i>Belong Rd</i>	Date: <i>6/11/21</i>
Monitor: <i>Billy Splitstoesler</i>	Time: <i>0745-1100</i>
Weather: <i>60-80°F, clear & breezy</i>	
Photo Numbers: <i>20210611-01/02/03</i>	
Activity that requires monitor's presence: <i>Daily inspection, crews expanding trench to "fan-out" conduits. Monitor inspected trench prior.</i>	
Description of Construction Activities Observed: <i>Crews continue in trench conduit work, expand trench, cutting asphalt to fan out conduits.</i>	
Compliance Observations and Issues: <i>N/A</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>Ramps & appropriate coverings in place.</i>	
Nesting Birds: <i>No new nesting activity in project area.</i>	
Coordination with Construction Personnel: <i>Spoke with Mike/Foreman discussing planned day's activities & scheduling work.</i>	
Other Compliance Issues: <i>N/A</i>	
Wildlife Species List for Day: <i>Osprey, European starling, California scrub-jay, red-tailed hawk, turkey vulture, barn swallow, black-tailed jackrabbit, rock pigeon, mourning dove.</i>	

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Daily Monitoring Checklist

Date 6/11/21

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Biological Monitoring Log

Marsh Landing Generating Station: <i>Battery Pack</i>	Date: <i>Jun-14-2021</i>
Monitor: <i>Derek Jansen</i>	Time: <i>0630-1000</i>
Weather: <i>57-82°F, WSW @ 15mph</i>	
Photo Numbers: <i>20210614-</i>	
Activity that requires monitor's presence: <i>Daily inspection and potential excavation of asbestos pipe</i>	
Description of Construction Activities Observed: <i>• Duct / Conduit install between switch gear to battery pack.</i>	
Compliance Observations and Issues: <i>Cover gravel pile with visqueen, gravel bags, and rope securing in place.</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>N/A - Escape ramps, conduit capped.</i> <i>- Suggest NRG covers man hole openings instead of using snow fence.</i>	
Nesting Birds: <i>N/A - monitored northern mockingbird nest (inactive)</i> <i>at 38.014991°N, 121.764467°W</i>	
Coordination with Construction Personnel: <i>Confirmed activity with Michael Curran that duct bank this week and asbestos abatement crew next week.</i>	
Other Compliance Issues: <i>N/A</i>	
Wildlife Species List for Day: <i>Forster's tern, Peregrine falcon, white-tailed kite, osprey, house finch, cliff swallow, rock pigeon, northern mockingbird, American crow, red-tailed hawk, common raven, mourning dove, Eurasian collared-dove,</i>	

Daily Monitoring Checklist

Date Jun-14-2021

(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
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Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/15/21
Monitor: Katie Mulezn	Time: 6:30am - 9:00am
Weather: Sunny, slightly windy	
Photo Numbers: Organized by date in project folder	
Activity that requires monitor's presence: Daily site clearance, install + grouting of conduits	
Description of Construction Activities Observed: installation of conduit between units 2 + 4.	
Compliance Observations and Issues: none	
ESA Fencing: none NA	
Wildlife Pitfalls/Traps/Pipes: escape ramps in conduit trenches	
Nesting Birds: none observed	
Coordination with Construction Personnel: Per Michael, conduit will continue to be installed + grouted this week.	
Other Compliance Issues: None	
Wildlife Species List for Day:	
HOF 1	Cliff Swallow
ENCD	RTHA
CAS J	AMCR
BLPH	
NOMO	
ROP 1	
TUVU	

Date 6/15/21**Daily Monitoring Checklist**
(Check if in compliance)

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Notes:

1333 Broadway, Suite 800
Oakland, CA 94612

Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/16/21
Monitor: SAM ABERCROMBIE	Time: 0700 - 0900
Weather: WARM, CLEAR, BREEZE FROM WEST, 65° - 75°F	
Photo Numbers: STORED IN FILE FOLDER	
Activity that requires monitor's presence: ONGOING CONSTRUCTION, TRENCHING	
Description of Construction Activities Observed: WORK AROUND OPEN TRENCHES; GROUTING IN TRENCH + SIDEWALL CLEANUP. NO NEW SOIL DISTURBANCE TODAY.	
Compliance Observations and Issues:	
ESA Fencing: RAMP + BARRIER FENCING IN GOOD CONDITION	
Wildlife Pitfalls/Traps/Pipes: GOOD CONDITION	
Nesting Birds: N/A - MORNING BIRD ACTIVITY DROPPED OFF DRAMATICALLY W/ RISING HEAT	
Coordination with Construction Personnel: SPOKE TO FOREMAN - WORK ON GROUTING + IN TRENCH THIS WEEK, NO PLANNED SOIL MOVEMENT UNTIL MONDAY 6/21. PLANNED SCHEDULE	
Other Compliance Issues: STILL M - SAT	
N/A	
Wildlife Species List for Day: OSPREY, HOFI, CASS, NOMO, MODO, ANHU, AMCR, CLSW, RTIA BLAI, BUTI, ROPI	

URS1333 Broadway, Suite 800
Oakland, CA 94612

Daily Monitoring Checklist
(Check if in compliance)

Date 6/16

- 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
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Notes:

Biological Monitoring Log

Marsh Landing Generating Station:	Date: 0715 - 0815
Monitor: Sarah Flaherty	Time: June 18 2021
Weather: 76°F clear expected to be 106°F later today	
Photo Numbers: in folder on server w/date	
Activity that requires monitor's presence: the General environmental inspection for compliance	
Description of Construction Activities Observed: hand-digging old asbestos pipe. Prepare for removal from around butting pad.	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: in place	
Nesting Birds: no active nests in work areas	
Coordination with Construction Personnel: N/A	
Other Compliance Issues: none	
Wildlife Species List for Day:	
MODO	ANHU
HOFI	RJHA
CASJ	black-tailed jackrabbit
NOMO	
SAPH	
BASW	
CLSW	

Daily Monitoring Checklist

Date June 18 2021

(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
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Notes:



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

Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/21/21
Monitor: SAM ABERCROMBIE	Time: 0715 - 0915
Weather: CLEAR, 10MPH WIND FROM WEST, 62° - 65°F	
Photo Numbers: PHOTOS SAVED BY DATE	
Activity that requires monitor's presence: ONGOING CONSTRUCTION - TRENCHING + EXCAVATION	
Description of Construction Activities Observed: WORK IN BATTERY PAD + STOCK PILE AREA. SOIL IN STOCK PILE BEING TRANSPORTED BACK TO BATTERY PAD TO FILL IN EXCAVATED AREAS. EQUIPMENT + PERSONNEL W/ HAND TOOLS IN OPERATION	
Compliance Observations and Issues:	
ESA Fencing: GOOD	
Wildlife Pitfalls/Traps/Pipes: GOOD	
Nesting Birds: N/A	
Coordination with Construction Personnel: SPOKE W/ SUSHI (PROJECT ENGINEER) ABOUT PLANS FOR DAY - WEEK. CONCRETE TO BE POURED IN CONDUIT TRENCH BY END OF WEEK. TODAY, SOIL	
Other Compliance Issues:	MOVEMENT BETWEEN BATTERY PAD + STOCK PILE (NO NEW SOIL EXCAVATION). ASBESTOS PIPE REMOVED + PLUGGED ON FRIDAY, 6/18.
NO COMPLIANCE ISSUES	
Wildlife Species List for Day:	
MODO, HOPI, AMCR, OSPREY, CASS, NOMO, ANHU, BLP11, CLSW, COHA	

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Daily Monitoring Checklist

Date 6/21/21

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Notes:

Biological Monitoring Log

Marsh Landing Generating Station	Date: 1/27/13
Monitor: KARE McLEZM	Time: 6:30 - 8:00
Weather: Sunny, clear	
Photo Numbers: in folder w/ today's date	
Activity that requires monitor's presence: daily site clearance, bio monitoring of construction area	
Description of Construction Activities Observed: The only work occurring today is site cleanup within the limit of the site.	
Compliance Observations and Issues:	
ESA Fencing: N/A	
Wildlife Pitfalls/Traps/Pipes: pipe openings capped, entrance to trench closed	
Nesting Birds: None observed	
Coordination with Construction Personnel: No work is planned for tomorrow.	
Other Compliance Issues: none next week	
Wildlife Species List for Day: Barn Swallow CAST TUVU AMCK AAVK Osprey	

Daily Monitoring Checklist

(Check if in compliance)

Date 6/25/21

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Notes:

Biological Monitoring Log

Marsh Landing Generating Station: <i>Battery Pack</i>	Date: <i>Jun-29-2021</i>
Monitor: <i>Derek Jansen</i>	Time: <i>0630-1000</i>
Weather: <i>61-97°, WSW 15mph</i>	
Photo Numbers: <i>20210629-</i>	
Activity that requires monitor's presence: <i>Daily inspection, excavation of disturbed soil stockpile, add soil lift to Battery footing, compaction w/ dozer & sheep's foot, and water truck</i>	
Description of Construction Activities Observed:	
<ul style="list-style-type: none"> • Battery pack soil lift to geo-tech fabric grade • Geo-tech fabric install outtop of 1st compacted lift. 	
Compliance Observations and Issues: <i>Cover gravel pile completely with visqueen. Eastern portion of pile exposed (~20% area exposed)</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>N/A - escape ramps in conduit trenches, conduit elevated off ground. asbestos pipe capped w/ plastic.</i>	
Nesting Birds: <i>N/A</i>	
Coordination with Construction Personnel: <i>Confirmed activity w/ AEB and SE Energy</i>	
Other Compliance Issues: <i>N/A</i>	
Wildlife Species List for Day:	
<i>Northern mockingbird, American kestrel, house finch, coyote, Anna's hummingbird, California scrub-jay, mourning dove, cliff swallow, black phoebe, rock pigeon, peregrine falcon, northern rough-winged swallow</i>	

Daily Monitoring Checklist
(Check if in compliance)

Date Jun - 29 - 2021

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Biological Monitoring Log

Marsh Landing Generating Station: <i>Battery Pad/Conductor Trays/Spill pad</i>	Date: <i>6/30/21</i>
Monitor: <i>B. Splittfloerger</i>	Time: <i>0750 - 1105</i>
Weather: <i>Upper 60s → Upper 80s, clear & calm</i>	
Photo Numbers: <i>2021 0630 - 01</i>	
Activity that requires monitor's presence: <i>Daily inspection</i>	
Description of Construction Activities Observed: <i>Earthwork in/near battery pad.</i>	
Compliance Observations and Issues: <i>N/A</i>	
ESA Fencing: <i>N/A</i>	
Wildlife Pitfalls/Traps/Pipes: <i>Appropriate escapes/coverings in place.</i>	
Nesting Birds: <i>None observed in work area.</i>	
Coordination with Construction Personnel: <i>Talked back w/ crew concerning activities.</i>	
Other Compliance Issues: <i>N/A</i>	
Wildlife Species List for Day: <i>Northern Mockingbird, Eurasian Collared Dove, black-tailed jack rabbit, European starling, Mourning Dove, house finch</i>	

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Daily Monitoring Checklist

Date 6/30/21

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