

ATLAS WIND PROJECT OCS-P-0563 Semi-Annual Progress Report

06/01/2024 to 12/01/2024

Prepared for:



Submitted to:

Bureau of Ocean
Energy Management

December 2024

Prepared by:



TETRA TECH

CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION

Revision Summary

Rev	Date	Prepared by	Approved by
00	12/1/2024	Tetra Tech	Martin Goff, Project Director, Atlas Wind
01	1/13/2025	Tetra Tech	Atlas Wind

Description of Revisions

Rev	Page	Section	Description
00	All	All	Initial submission to BOEM
01	All	All	Revisions related to BOEM comments

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ACRONYMS AND ABBREVIATIONS

Acronym	Definition
Atlas Wind	Atlas Offshore Wind LLC
AUV	Autonomous Underwater Vehicle
BOEM	Bureau of Ocean Energy Management
CCC	California Coastal Commission
COP	Construction and Operations Plan
FOIA	Freedom of Information Act
Lease	Renewable Energy Lease Area OCS-P 0563
Lease Area	80,062 acres (324 square kilometers) in the Central Coast region off the coast of Morro Bay, California
MBCFO	Morro Bay Commercial Fisherman's Organization
NATCP	Native American Tribes Communication Plan
OCS	Outer Continental Shelf
PFMC	Pacific Fishery Management Council
PSO	Protected Species Observer
Project	Atlas Wind Project
Tetra Tech	Tetra Tech, Inc.
Tribes	Tribal Governments

EXECUTIVE SUMMARY

Atlas Offshore Wind LLC has prepared this Semi-Annual Progress Report for the Bureau of Ocean Energy Management as a tool to document overall progress and engagement that has occurred over the reporting period. This report is intended to support transparency and accountability and to document how the Atlas Wind Project (the Project) has been designed to address potential adverse and beneficial effects.

Since submittal of the previous Semi-Annual Progress Report on June 1, 2024, the following documents have been submitted to the Bureau of Ocean Energy Management (**Table 1**)¹:

Table 1 Deliverables Submitted to the Bureau of Ocean Energy Management During Reporting Period

Deliverable	Revision Number	Date
Semiannual Report – June 2024	Rev0	May 31, 2024
	Rev1	July 24, 2024
	Rev2	August 14, 2024
Protected Species Observer Raw Sightings and Trackline Deliverable (Monthly During Surveys)	April (Rev0) ²	June 3, 2024
	May (Rev0)	June 10, 2024
	June (Rev0)	July 4, 2024
	July (Rev 0)	August 1, 2024
Marine Debris Recovery Plans	Rev0	June 5, 2024
	Rev0	June 21, 2024
	Rev0	July 3, 2024
	Rev0	July 15, 2024
Monthly Marine Trash & Debris Reports	May (Rev0)	June 5, 2024
	June (Rev0)	July 5, 2024
	July (Rev0)	August 5, 2024
Avian and Bat Detector Survey Plan	Rev2	June 14, 2024
Protected Species Observations Equipment List	Rev0	June 26, 2024
MetOcean Buoy and Current Moorings Equipment List	Rev0	July 11, 2024
Joint Native American Tribes Communication Plan	Rev4	August 8, 2024
Geotech Sample Numbers	Rev0	August 20, 2024
Avian Annual Report	Rev0	October 1, 2024
Spanish Language Fact Sheets	Rev0	October 11, 2024
Avian & Bat Acoustic Detection Memo	Rev0	October 15, 2024

¹ Any deliverables and/or revisions that were submitted during the previous reporting period and thus reported in the first Semi-Annual Progress Report are not repeated.

² The April 2024 Protected Species Observer Reporting was re-submitted after one of the recipient email addresses was corrected by the agencies. No changes were made to the deliverable content.

Deliverable	Revision Number	Date
Final Protected Species Observer Monitoring Report	Rev0	October 15, 2024

The agency, Tribal, fisheries, and stakeholder engagement from the last 6 months is described in the following sections. Additionally, any planned engagement is included.

For additional information on the Project, the Project website is publicly available at <https://atlaswind.com/>.

1.0 PURPOSE AND BACKGROUND

1.1 Purpose

This Semi-Annual Progress Report is provided in accordance with Lease OCS-P 0563 Stipulation 3.1.

Lease Stipulation 3.1 – Progress Report: The Lessee must submit to the Lessor a progress report every 6 months (unless the Lessor directs otherwise) during the site assessment term and the operations term (if a Construction and Operations Plan [COP] is approved) that includes a brief narrative of the overall progress since the last progress report, or—in the case of the first report—since the Effective Date. Within 60 calendar days from receipt, the Lessor may request the Lessee modify the progress report to address any comments the Lessor submits to the Lessee on the contents of the document. The Lessee must address comments in a manner deemed satisfactory by the Lessor. If the Lessee does not address the comments provided by the Lessor in a timely and adequate manner, the Bureau of Ocean Energy Management (BOEM) reserves the right to require specific actions, such as, but not limited to, third-party verification/mediation at the Lessee’s expense, adjustment of required reporting frequency, or designation that the lease is not in good standing. This obligation does not expire at the end of the site assessment term and continues until the date of COP approval (if a COP is approved).

The progress report must:

- Identify Tribal Governments (Tribes) and parties with whom the Lessee made reasonable efforts to engage under Addendum “C,” Section 3.1.1 below, on elements of the Lessee’s project development, including, but not limited to, plans required by BOEM (i.e., survey plan, Site Assessment Plan, COP) and workforce planning;
- Document, and update for subsequent reports, engagement with Tribes and parties since the previous reporting period;
- Document potential adverse effects from the Lessee’s project to the interests of Tribes and parties;
- Document how, if at all, the design or implementation of the project has been informed by or altered to address these potential effects (including by investing in, or directing benefits to, Tribes and parties);
- Include a description of any anticipated or scheduled engagement activities for the next reporting period;
- Include feedback from engagement with Tribes and parties regarding transmission planning, prior to proposing any export cable route;
- Provide information that can be made available to the public and posted on the BOEM website; and
- Include strategies to reach individuals with Limited English Proficiency who may be affected by future offshore wind development.

The intent of this requirement is to improve Lessee communication and transparency with affected Tribes, parties, and members of the public, and to encourage lessees to identify and engage with underserved communities, including those described in Executive Order 12898 on environmental justice, that may be disproportionately impacted by the Lessee’s activities on the Outer Continental Shelf (OCS), in order to avoid, minimize, and mitigate potential adverse effects by, for example, investing in these communities. BOEM will protect privileged or confidential information that the Lessee submits, as authorized by the Freedom of Information Act (FOIA), 30 Code of Federal Regulations § 585.114, or other applicable statutes. If the Lessee wishes to protect the confidentiality of information, the Lessee should clearly mark it “Contains Privileged or

Confidential Information” and consider submitting such information as a separate attachment. BOEM will not disclose such information, except as required by FOIA. If your submission is requested under FOIA, your information will only be withheld if a determination is made that one of FOIA's exemptions to disclosure applies. Such a determination will be made in accordance with the Department's FOIA regulations and applicable law. Labeling information as privileged or confidential will alert BOEM to more closely scrutinize whether it warrants withholding. Further, BOEM will not treat as confidential aggregate summaries of nonconfidential information.

1.2 Background Lessee Information and Lease Description

Equinor was assigned Renewable Energy Lease Area OCS-P 0563 (“the Atlas Wind project”) provisionally in December 2022 by BOEM through a competitive lease auction process. Equinor is an international energy company, with its U.S. renewables business headquartered in Stamford, Connecticut. Equinor is developing energy projects and has operations in over 30 countries, including the United States and has approximately 22,000 employees worldwide. With an extensive portfolio of offshore wind, oil, and gas facilities developed over its 50-year history, Equinor has a proven track record of successfully developing large-scale energy projects in some of the most challenging marine environments around the world.

The online lease auction—the first ever on the Pacific Coast—was held in a series of rounds and allowed qualified offshore wind developers to bid five lease areas (**Figure 1**). The Lease was finalized on May 17, 2023 and went into effect as of June 1, 2023. The Lease Area is in the Central Coast region off the coast of Morro Bay, California. The Lease Area covers 80,062 acres (324 kilometers [km]²) and is located approximately 60 statute miles (52 nautical miles, 96.5 km) from Morro Bay Harbor Entrance, and approximately 26 statute miles (23 nautical miles, 42 km) off the California coast (see **Figure 2**). The Lease Area has water depths that range from approximately 1,970 feet to 3,937 feet (600 meters [m] to 1,200 m) and is estimated to have the capacity to generate over 2 gigawatts of electricity.

Atlas Offshore Wind LLC (Atlas Wind) proposes to construct, own, and operate the Project. When developed, the Project will contribute to the Federal government’s goal of deploying 30 gigawatts of offshore wind by 2030 and California’s goal of producing 100 percent of electricity from clean energy sources by 2045.³

³ <https://www.whitehouse.gov/briefing-room/statements-releases/2022/09/15/fact-sheet-biden-harris-administration-announces-new-actions-to-expand-u-s-offshore-wind-energy/> and <https://www.energy.ca.gov/programs-and-topics/topics/renewable-energy/offshore-renewable-energy>

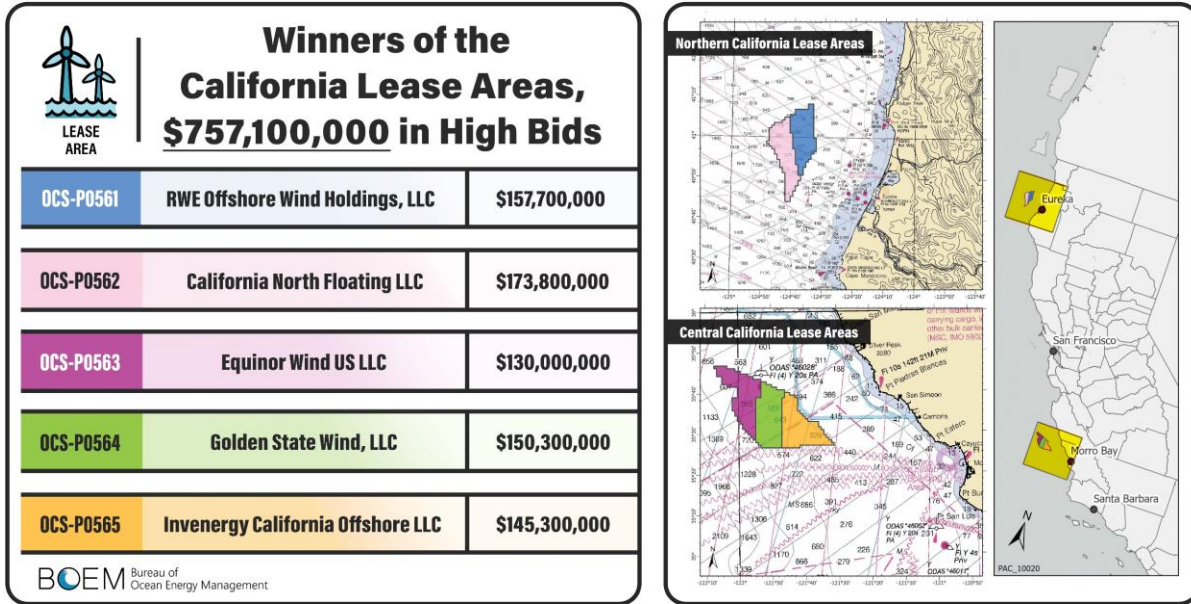


Figure 1 California Lease Area Information

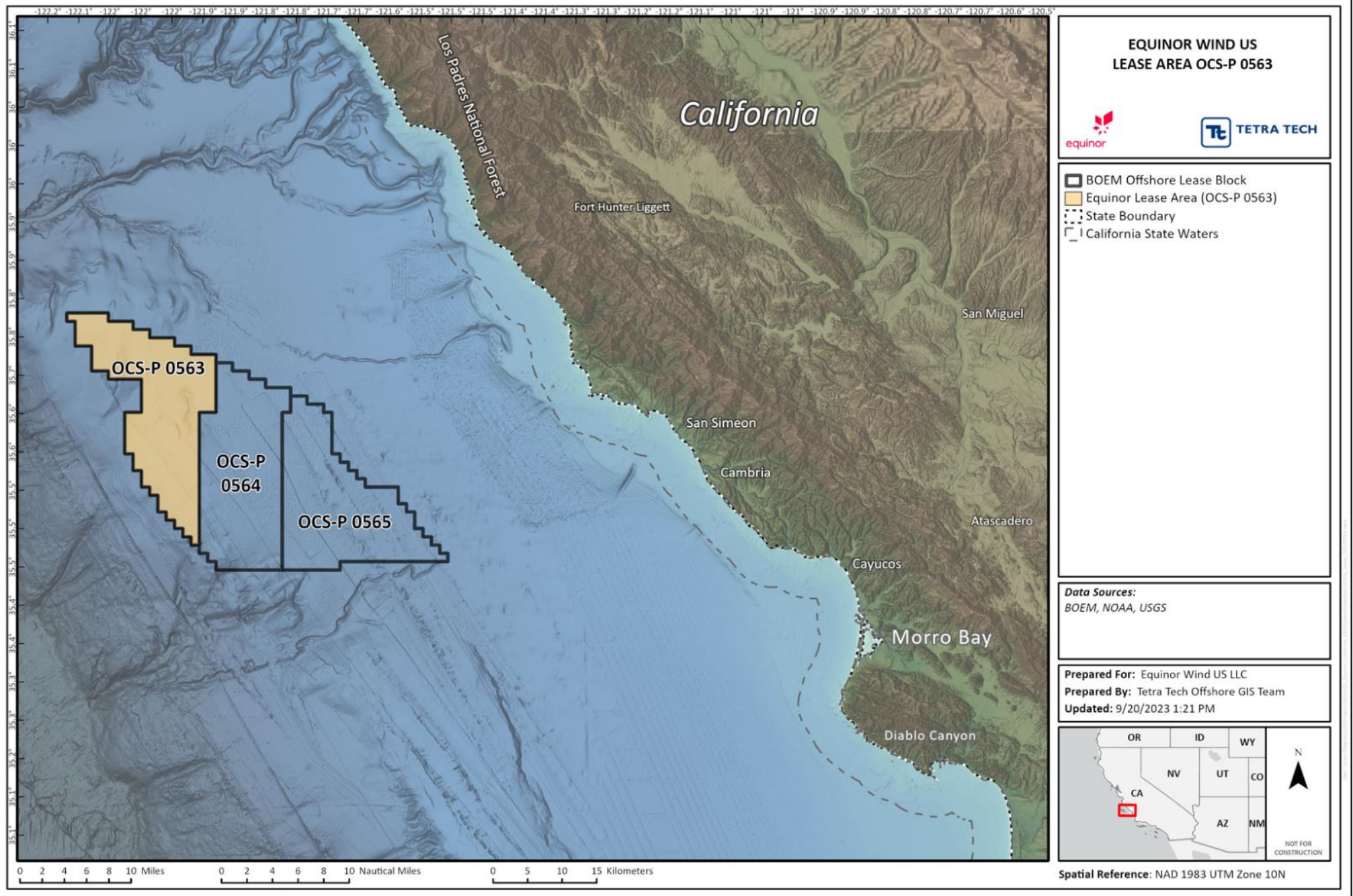


Figure 2 Atlas Wind Project Wind Lease Area (OCS-P 0563)

2.0 TRIBAL ENGAGEMENT

2.1 Tribal Engagement Activities

The in-person and virtual Tribal engagement that Atlas Wind has conducted during the reporting period is detailed in **Table 2** below. Atlas Wind is committed to ongoing and open communication to discuss Project development planning. Atlas Wind encourages Tribal involvement to prevent and mitigate potential negative impacts of the Project and enable positive beneficial effects. Atlas Wind and the other Morro Bay Lessees (OCS-P 0564 and OCS-P 0565) are actively collaborating on communication efforts and have developed a Joint Native American Tribes Communication Plan (NATCP) based on feedback from joint Tribal meetings occurring prior to and during the reporting period, as well as feedback from BOEM, in which edits were addressed and resubmitted on January 26, 2024; March 14, 2024; April 8, 2024; and August 8, 2024, respectively. The Joint NATCP details the strategy for early and active information sharing and collaboration throughout the life of the Project.

Atlas Wind acknowledges the unique legal relationship between the United States and federally recognized Tribes, and Atlas Wind will notify BOEM should a Tribal representative indicate a preference to communicate government-to-government instead of with Atlas Wind. Atlas Wind is also aware of the broader relationship between California and state recognized Tribes and remains committed to outreach to all Tribes identified via the California Native American Heritage Commission.

The Tribal consultation list is included in **Appendix A**. Atlas Wind's Tribal point of contact is included in **Appendix B**. The Joint NATCP is hyperlinked in **Appendix C**.

Table 2 List of Tribal Governments/Tribes/Parties Engaged

Focus of Discussion or Engagement	Date	Tribes	Reason(s) for Additional Tribes Not in Attendance	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with Other Lessees
Tribes					
Project update, surveys	July 15, 2024	<div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div>	No response received from additional Tribes that received meeting invitation	Requested sharing the presentation	N/A
Tour of Island Pride (Two separate tours occurred this day)	July 17, 2024	<div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 15px; margin-bottom: 2px;"></div>	N/A	N/A	N/A

Focus of Discussion or Engagement	Date	Tribes	Reason(s) for Additional Tribes Not in Attendance	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with Other Lessees
Atlas Wind Survey Introduction	August 23, 2024	[Redacted]	Individual Tribe meeting requested	[Redacted]	N/A
Chumash InterTribal Pow Wow at Santa Ynez reservation	October 6, 2024	[Redacted]	Meeting hosted and organized by Tribes	N/A	N/A
Indigenous Peoples Day event hosted by the Chumash Heritage Tribes and Northern Chumash Tribal Council and ceremony to acknowledgement designation of Chumash National Marine Sanctuary in Pismo Beach, CA	October 14, 2024	[Redacted]	Event hosted and organized by Tribes	N/A	N/A

Focus of Discussion or Engagement	Date	Tribes	Reason(s) for Additional Tribes Not in Attendance	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with Other Lessees
Atlas Wind Tribal Check-In and Data Sharing Discussion	October 16, 2024	[Redacted]	Individual Tribe meeting requested	[Redacted]	N/A
Legislative Hearing at Santa Ynez Reservation regarding survey information sharing and future consultation on information shared to date with Santa Ynez Tribe as well as plans for future sharing of data for initial survey activity and establishment of Tribal capacity payments	October 18, 2024	[Redacted]	Meeting hosted at the Santa Ynez Reservation	[Redacted]	N/A

2.2 Identification of Potential Project Effects Related to Tribal Interests

Through continued engagement, Atlas Wind will document potential adverse effects and beneficial effects and how they may inform or alter the Project design and implementation. Atlas Wind is still in the early planning stages for the Project. Feedback from the Tribes during the report period are detailed in **Table 3** below. Atlas Wind is committed to ongoing and open communication to prevent and mitigate potential negative impacts of the Project.

Table 3 Potential Adverse Effects and Tribal Input on Project Design or Implementation During Reporting Period

Potential Adverse Effect/Concern	Tribe	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
General environmental concerns	[REDACTED] [REDACTED] [REDACTED]	Data transparency and lessee collaboration as feasible

2.3 Tribal Feedback on Transmission

Atlas Wind is committed to ongoing and open communication to prevent and mitigate potential negative impacts of the Project. Through the meetings described in **Table 2**, Atlas Wind has received general feedback for the Project that is being considered.

Atlas Wind will present early-stage proposed offshore export cable corridors, onshore export cable corridors, points of interconnection, and cable landfall locations after applicable routing and constraints analyses are completed to solicit feedback and understand key siting issues and Tribe's concerns. Early feedback has been applied to high level constraint mapping. Feedback that has been received thus far is detailed in **Table 4**.

Table 4 Transmission Planning Feedback

Potential Adverse Effect/Concern	Tribe	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Potential environmental and/or cultural impact to the Morro Rock	[REDACTED] [REDACTED]	Pre-construction efforts including surveys and potential future cable routing have avoided Morro Rock by at least a 500-meter buffer
Potential environmental and/or cultural impact to the Chumash Heritage National Marine Sanctuary	[REDACTED] [REDACTED]	Planning of potential cable routing to be within the zone between the Chumash Heritage National Marine Sanctuary and Monterey Bay National Marine Sanctuary, with support for future expansion of the Chumash Heritage National Marine Sanctuary over cable areas

2.4 Anticipated or Scheduled Tribal Engagement Activities

Anticipated or scheduled Tribal engagement activities for the next reporting period (December 1, 2024 – June 1, 2025) are detailed in **Table 5** below. Results of the meetings may require follow-up meetings with individual Tribes. These details are subject to change as the Project plan continues to develop.

Table 5 Planned Future Engagement Activities

Anticipated Focus of Discussion or Engagement	Tribes/Parties	Anticipated Coordinated Engagement with Other Lessees
Joint Lessee Quarterly Newsletter for the Tribes	All Tribes participating in the Joint Native American Tribes Communication Plan	Joint effort with Central Coast lessees
Data transparency engagement	[REDACTED]	N/A
Establishment and determination of process for disbursement of capacity payments	[REDACTED]	N/A
[REDACTED]	[REDACTED]	N/A
Coordinated Tribal engagements as needed and requested	All Tribes participating in the Joint Native American Tribes Communication Plan	Joint effort with Central Coast lessees
Individual Tribal engagements as needed and requested	All Tribes participating in the Joint Native American Tribes Communication Plan	N/A

3.0 FISHERIES ENGAGEMENT

3.1 Fisheries Engagement Activities

The engagement with commercial and recreational fisheries that has occurred during the reporting period is detailed in **Table 6** below.

Table 6 List of Fisheries/Parties Engaged

Focus of Discussion or Engagement	Date	Fisheries	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with other Lessees
Fisheries				
Mariner's Updates ⁴ to provide regular survey updates to the fisheries, stakeholders, and agencies.	June 3, 2024 June 14, 2024 June 24, 2024 July 9, 2024 July 17, 2024 August 13, 2024	All commercial and recreational fisheries on the Atlas Wind fisheries contact list The contact list also includes Tribal fisheries and agencies	N/A	N/A
Questions and comments regarding Atlas Wind survey work	June 2024 (throughout the month)	[REDACTED]	Fisheries Liaison responded to all questions and comments immediately.	N/A
Questions and comments regarding Atlas Wind survey work	June 2024 (throughout the month)	[REDACTED]	Fisheries Liaison responded to all questions and comments immediately.	N/A
Questions and comments regarding Atlas Wind survey work and Underwater Transponder Positioning anchors	June 2024 (throughout the month)	[REDACTED]	Fisheries Liaison responded to all questions and comments immediately.	N/A
Fisheries Liaison introduction and Project	June 11, 2024	[REDACTED]	N/A	No

⁴ Mariner Updates are publicly available on the Atlas Wind website: <https://atlaswind.com/environmental-protection/mariners-fisheries/>

Focus of Discussion or Engagement	Date	Fisheries	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with other Lessees
updates. Meeting included public comments and additional smaller group meetings		<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>		
Fisheries, collaborations, and Project updates	June 12, 2024	CA lessees Fisheries Liaisons	N/A	Yes, CA lessee Fisheries Liaisons
Fisheries, collaborations, and Project updates	June 21, 2024	CA lessees Fisheries Liaisons	N/A	Yes, CA lessee fisheries liaisons
Fishing Industry Representatives	June 26, 2024	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	N/A	Yes, Morro Bay lessee Fisheries Liaisons
Fisheries, collaborations, and Project updates	July 19, 2024	CA lessees Fisheries Liaisons	N/A	Yes, CA lessees fisheries liaisons
Fisheries, collaborations, and Project updates	July 26, 2024	Morro Bay lessees Fisheries Liaisons	N/A	Yes, Morro Bay lessees Fisheries Liaisons
Questions and comments regarding Atlas Wind survey work including State water permits, Central Coast Commercial Fishing Heritage Mapping Project	Throughout July 2024	[REDACTED]	Fisheries Liaison responded to all questions and comments immediately.	N/A
Questions and comments regarding Atlas Wind survey work including survey vessel activities	Throughout July 2024	[REDACTED]	Fisheries Liaison responded to all questions and comments immediately.	N/A

Focus of Discussion or Engagement	Date	Fisheries	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with other Lessees
and location				
Questions and comments regarding Atlas Wind survey work. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Throughout July 2024	[REDACTED] [REDACTED]	Fisheries Liaison responded to all questions and comments immediately. [REDACTED] [REDACTED]	N/A
Fisheries and California Coastal Commission (CCC) 7C meeting Subgroup 3	August 2, 2024	All fisheries represented on the CCC 7C	7C guidance documents for OSW Impacts	Yes, CA lessees
Fisheries, collaborations, and Project updates	August 9, 2024	Morro Bay lessees Fisheries Liaisons	N/A	Yes, Morro Bay lessees Fisheries Liaisons
Fisheries and CCC 7C meeting Prep discussion for Subgroup 3 Planning Committee	August 15, 2024	All fisheries represented on the CCC 7C Subgroup 3 Planning Committee	N/A	Yes, CA lessees
Fisheries and CCC 7C meeting Prep discussion for Subgroup 3 Planning	August 19, 2024	All fisheries represented on the CCC 7C Subgroup 3 Planning Committee	N/A	Yes, CA lessees

Focus of Discussion or Engagement	Date	Fisheries	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with other Lessees
Committee				
Fisheries, collaborations, and Project updates	August 23, 2024	Morro Bay lessees Fisheries Liaisons	N/A	Yes, Morro Bay lessees Fisheries Liaisons
Fisheries and CCC 7C meeting Prep discussion for Subgroup 3 Planning Committee	August 26, 2024	All fisheries represented on the CCC 7C Subgroup 3 Planning Committee	N/A	Yes, CA lessees
Fisheries and CCC 7C meeting Subgroup 3	August 29, 2024	All fisheries represented on the CCC 7C Subgroup 3	7C guidance documents for OSW Impacts	Yes, CA lessees
Fisheries, collaborations, and Project updates	September 6, 2024	Morro Bay Fisheries Liaison	N/A	Yes, Morro Bay lessees Fisheries Liaisons
Fisheries and CCC 7C meeting Prep discussion for Subgroup 3 Planning Committee	September 16, 2024	All fisheries represented on the CCC 7C Subgroup 3 Planning Committee	N/A	Yes, CA lessees
Overview of Bureau of Ocean Energy Management’s permitting process for offshore wind facilities at the Construction and Operations Planning	September 20, 2024	Bureau of Ocean Energy Management, CCC and Fisheries	N/A	No

Focus of Discussion or Engagement	Date	Fisheries	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with other Lessees
phase, Coastal Zone Management Act review during the Construction and Operations Planning phase, including timing, and how the working group's work, specifically the template fisheries agreement, fits into that process				
Fisheries and CCC 7C meeting Prep discussion for Subgroup 3 Planning Committee	September 25, 2024	All fisheries represented on the CCC 7C Subgroup 3 Planning Committee	N/A	Yes, CA lessees
Fisheries and CCC 7C meeting Working Group #4 Day 1	September 30, 2024	All fisheries represented on the CCC 7C Working Group #4	N/A	Yes, CA lessees
Fisheries and CCC 7C meeting Working Group #4 Day 2	October 1, 2024	All fisheries represented on the CCC 7C Working Group #4	N/A	Yes, CA lessees
Fisheries, collaborations, and Project updates	October 4, 2024	Morro Bay lessees Fisheries Liaisons	N/A	Yes, Morro Bay lessees Fisheries Liaisons
Marine Planning Committee Agenda	October 9, 2024	Pacific Marine Fisheries Council	N/A	Yes
Fisheries and CCC 7C	October 11, 2024	All fisheries	N/A	Yes, CA lessees

Focus of Discussion or Engagement	Date	Fisheries	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with other Lessees
meeting Prep discussion for Subgroup 3 Planning Committee		represented on the CCC 7C Subgroup 3 Planning Committee		
Fisheries and CCC 7C meeting Prep discussion for Subgroup 3 Planning Committee	October 17, 2024	All fisheries represented on the CCC 7C Subgroup 3 (Impacts) Planning Committee	N/A	Yes, CA lessees
Fisheries and CCC 7C meeting Subgroup 3 Meeting #6	October 22, 2024	All fisheries represented on the CCC 7C Working Group	N/A	Yes, CA lessees
Fisheries and CCC 7C meeting	October 28, 2024	All fisheries represented on the CCC 7C	[REDACTED]	Yes, CA lessees
Fisheries and CCC 7C meeting Tribal concerns	October 28, 2024	Tribal fisheries represented on the CCC 7C Subgroup 4 (Tribal)	N/A	Yes, CA lessees
Fisheries and CCC 7C meeting Status of the Environmental Monitoring	November 1, 2024	All fisheries represented on the CCC 7C OSW Environmental	N/A	Yes, CA lessees

Focus of Discussion or Engagement	Date	Fisheries	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement with other Lessees
Guidance Project		Monitoring Guidance Team		
Fishing Industry Representatives	November 8, 2024	Pacific Coast Federation of Fisheries Associations	N/A	Yes, CA lessees
Project update	November 14, 2024	PFMC	N/A	Yes, CA lessee fisheries representatives with the Agency Communications Plan
CCC 7C Coexistence best practices, including communications, avoidance and minimization of impacts, compensation and monitoring	Ongoing during reporting period, as listed above	All fisheries represented on the CCC 7C Working Group	Ongoing as per objectives of 7C Working Group	Joint participation with other lessee Fisheries Liaisons

3.2 Identification of Potential Project Effects Related to Fisheries Engagement Activities

Consideration of impacts to various fisheries are detailed in **Table 7** below. Atlas Wind is committed to ongoing and open communication to prevent and mitigate potential negative impacts of the Project. Through meetings such as those described in **Table 6** above, Atlas Wind has received general feedback for the Project that is being considered.

Table 7 Potential Adverse Effects to Fisheries from Project Design or Implementation During Reporting Period

Potential Adverse Effect/Concern	General Fishing / Spawning Season	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Potential impact to peak fisheries seasons with future survey schedules	Peak Dungeness crab fisheries season	Atlas Wind acknowledges the importance of the peak Dungeness crab fisheries season and will aim to schedule the busiest survey activities other times of the year, as applicable
Being determined in the California Coastal Commission 7C Working Group	All fisheries represented on the California Coastal Commission 7C Working Group	Development of a suite of best practices including, but not limited to, communications, avoidance and minimizations and compensation and monitoring

3.3 Fisheries Feedback on Transmission

Atlas Wind has received general feedback, including from the CCC 7C working group, on the siting, design, and mitigation for offshore transmission cables that is being considered as part of spatial planning and technical design.

As this matures, Atlas Wind will collaborate with fisheries to present early-stage proposed offshore export cable corridors and cable landfall locations after initial routing and constraints analyses are completed. Feedback is included in **Table 8**.

Table 8 Transmission Planning Feedback

Potential Adverse Effect/Concern	Fisheries	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Temporary displacement during survey activity	Offshore	Where feasible, timing of nearshore surveys to avoid peak fishery (e.g. Dungeness crab fishery)
	Nearshore, including Dungeness crab fishery	
		If appropriate, use of scout vessels to support identification and avoidance of fixed gear.
		Adaptive management of surveys; real-time flexibility of survey locations as appropriate to daily fishing activity

Potential Adverse Effect/Concern	Fisheries	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Temporary displacement during construction activity	Offshore	Siting of export cable corridors to avoid high use, high value fishing areas, where feasible Where feasible, timing of construction to avoid peak fishery (e.g. Dungeness crab fishery)
	Nearshore, including Dungeness crab fishery	
Long term displacement/gear snagging on export cables/cable protection during operations	Offshore	Siting of export cable corridors to avoid high use, high value fishing areas where feasible Burial of cables or cable protection appropriate to fishing type and snagging risk
	Nearshore, including Dungeness crab fishery	

3.4 Anticipated or Scheduled Fisheries Engagement Activities

Anticipated or scheduled fisheries engagement activities for the next reporting period will be incorporated into Table 9.

Table 9 Planned Future Engagement Activities

Anticipated Focus of Discussion or Engagement	Fisheries	Anticipated Coordinated Engagement with Other Lessees
Mariner's Update (If there are upcoming or active marine surveys)	Atlas Wind fisheries contact list	No
Potential engagement to support avoiding/minimizing impacts from upcoming surveys (aim for at least 3-months' notice to be provided prior to onset of surveys/buoy deployments)	As appropriate to potential activities	No
Development of a suite of best practices including, but not limited to, communications, avoidance and minimizations and compensation and monitoring	All fisheries represented on the California Coastal Commission 7C Working Group	Joint participation with other lessee Fisheries Liaisons

4.0 AGENCY AND OTHER PARTIES ENGAGEMENT

4.1 Agency and Other Parties' Engagement Activities

The agency and other parties' engagement that has occurred during the reporting period is detailed in **Table 10** below. Atlas Wind is committed to ongoing and open communication to avoid and mitigate potential negative impacts of the Project.

Table 10 List of Agency and Other Parties Engaged

Focus of Discussion or Engagement	Date	Agency/Other Party	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement
Agency				
Tour of Offshore Geophysical Survey Vessel Island Pride (three separate tours occurred this day)	June 5, 2024	Bureau of Ocean Energy Management (BOEM), California Public Utilities Commission, California State Lands Commission, California Energy Commission, Office of the Governor	N/A	N/A
BOEM Check-In	June 12, 2024	BOEM	Minor action	N/A
Geological and Geophysical and Benthic Survey Updates, Future Surveys, Avian and Bat Detector Survey Plan, Project Updates	June 26, 2024 July 10, 2024 July 23, 2024 August 7, 2024 August 21, 2024 September 4, 2024 October 2, 2024 October 30, 2024		items dependent of discussion.	
2025 MetOcean Buoy Deployment – Nationwide Permit 5	June 21, 2024	U.S. Army Corps of Engineers	Requested Collection Due Process when available; Requested proof of National Oceanic and Atmospheric Administration approval prior to U.S. Army Corps of Engineers response	N/A

Focus of Discussion or Engagement	Date	Agency/Other Party	Follow-Up Actions, Activities, Outcomes	Coordinated Engagement
California Coastal Commission (CCC) Collection Due Process Hearing	July 12, 2024	CCC	N/A	N/A
Tour of Offshore Geophysical Survey Vessel Island Pride (two separate tours occurred this day)	July 17, 2024	National Oceanic and Atmospheric Administration, California Energy Commission, California Public Utilities Commission, Office of the Governor	N/A	N/A
Notification that geophysical survey activities concluded	July 18, 2024	U.S. Navy, Department of Defense	N/A	N/A
Notification that geophysical survey activities concluded ⁵	August 1, 2024	U.S. Coast Guard	U.S. Coast Guard to remove Atlas Wind survey operations from future Local Notice to Mariners	N/A
Final Protected Species Observer Monitoring Report Summary meeting	October 22, 2024	BOEM, CCC	N/A	N/A
Project Update	November 8, 2024	U.S. Army Corps of Engineers	N/A	N/A

4.2 Identification of Potential Project Effects Related to Agency and Other Parties Engagement Activities

Feedback from the agencies and other parties received during the reporting period are detailed in **Table 11** below.

⁵ Notification was sent from the survey contractor, Ocean Infinity.

Table 11 Potential Adverse Effects and Agency/Other Party Input on Project Design or Implementation During Reporting Period

Potential Adverse Effect/Concern	Agency/Other Party	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Agencies and Stakeholders		
N/A	N/A	N/A
Fisheries		
See Table 7	-	-
Tribes		
See Table 3	-	-

4.3 Agency/Other Party Feedback on Transmission

Feedback from agencies and other parties related to transmission planning are detailed in **Table 12** below. Through the meetings, including those described above, Atlas Wind has received general feedback for the Project that is being considered.

Once finalized, Atlas Wind will present early-stage proposed offshore export cable corridors, onshore export cable corridors, points of interconnection, and cable landfall locations (after applicable routing and constraints analyses are completed) with participating and applicable agencies to solicit feedback and understand key siting issues. At this time, there are no defined routes, cable corridors, cable landfall, and/or points of interconnection.

Table 12 Transmission Planning Feedback

Potential Adverse Effect/Concern	Agency/Other Party	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Potential environmental impact in the Morro Bay Harbor/estuary from potential future Operations and Maintenance vessels and/or export cable siting and installation within the estuary	[REDACTED]	Avoid siting and installation of cables within the Morro Bay Harbor/estuary, as feasible Assess alternative base case locations to Morro Bay harbor as an Operations and Maintenance facility for future options to avoid impacts

4.4 Anticipated or Scheduled Agency and Other Party Engagement Activities

Anticipated or scheduled agency and other party engagement activities for the next reporting period are detailed in **Table 13** below.

Table 13 Planned Future Engagement Activities

Anticipated Focus of Discussion or Engagement	Agency/Other Party	Anticipated Coordinated Engagement with Other Lessees
Check-In Call (monthly)	Bureau of Ocean Energy Management	No
Inter-Agency Meeting; Atlas Wind Project update (Q4 2024)	All agencies and parties participating in the Agency Communications Plan: Bureau of Ocean Energy Management, Bureau of Safety and Environmental Enforcement, Department of Defense, Federal Aviation Agency, National Oceanic and Atmospheric Administration including National Marine Fisheries Service and Integrated Ocean Observing System, U.S. Army Corps of Engineers, U.S. Coast Guard, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, California Coastal Commission, California Department of Conservation, California Department of Fish and Wildlife, California Department of Water Resources, California Energy Commission, California Environmental Protection Agency, California Labor and Workforce Development Agency, California Natural Resources Agency including the Ocean Protection Council, California Office of Historic Preservation, California Public Utilities Commission, California State Lands Commission, California State Parks, California State Water Resources Control Board, City of Morro Bay, San Luis Obispo County, Port San Luis	No
Check-In Call (as needed)	Agencies and parties participating in the Agency Communications Plan and/or additional agencies and parties	No

5.0 SURVEY ACTIVITIES

5.1 2024 – 2025 Geophysical & Geotechnical Survey Plan

The 2024-2025 Marine Site Characterization Survey Plan for high-resolution geophysical, Geotechnical exploration, and Benthic data collection in 2024 – 2025 was previously submitted to BOEM and received concurrence⁶. The survey activities described in the Survey Plan were designed to support the development of the Site Assessment Plan and the COP and will inform overall Project design and engineering. The survey activities described in the Survey Plan were designed to partially or fully satisfy the information requirements in the applicable regulations, including, but not limited to 30 Code of Federal Regulations § 585.610(b) and 30 Code of Federal Regulations § 585.626(a). Where data was collected, it conformed to the applicable regulations, but the full data necessary in all areas was not collected during the activities described by the Survey Plan.

5.1.1 Survey Activities

Offshore survey activities continued using the offshore vessel, *OSV Island Pride*, and Autonomous Underwater Vehicles (AUVs) to collect high-resolution geophysical survey data. Geophysical survey operations were conducted within the Lease and potential submarine export cable siting corridors. All survey operations for the Geophysical survey were conducted outside of State waters. Survey operations concluded on July 17, 2024. Geophysical surveys in State waters (nearshore), Geotechnical surveys and Benthic surveys will not take place in 2024. In the event surveys are scheduled for 2025, a minimum 3-months' notice will be provided to relevant agencies and stakeholders, where feasible.

The Atlas Wind website includes the Mariner's Updates of the survey operations and survey fact sheets: <https://atlaswind.com/environmental-protection/mariners-fisheries/>

During survey operations Atlas Wind submitted four Marine Debris Recovery Plans and three monthly Marine Trash & Debris Reports for Underwater Transponder Positioning dropweights that were lost during emergency ascents of the AUVs. Atlas Wind carefully reviewed the occurrences and adjusted their AUV operations to prevent the incident from occurring again.

During survey operations, Atlas Wind submitted the raw protected species observer sightings and vessel tracklines to BOEM and the National Oceanic and Atmospheric Administration on a monthly basis. The April Protected Species Observer (PSO) deliverables were re-submitted on June 3, 2024, after an agency recipient email address was corrected. The May, June, and July PSO deliverables were submitted on June 10, July 4, and August 1, 2024, respectively. After survey operations concluded, Atlas Wind submitted the Final PSO Monitoring Report to BOEM, National Oceanic and Atmospheric Administration, and the California Coastal Commission on October 15, 2024. The Final PSO Monitoring Report summarized PSO equipment, activities, detections, mitigation protocol, and the results of the observations. Over 1,000 recorded sightings and ~12,400 individual animals were logged during the 2024 geophysical survey operations. There were no marine species incidents (no vessel strikes, no entanglement, no dead/injured marine wildlife species observed due to survey operations) leading to an overall successful survey operation.

Additionally, the first Annual Avian Report was submitted to BOEM and the U.S. Fish and Wildlife Service on October 1, 2024. This report summarized the documentation of any dead or injured birds or bats. No dead or injured bats were observed. One songbird was detected dead on the vessel, not as a direct result of survey

⁶ The Survey Plan received concurrence on April 15, 2024 which falls under the previous reporting period. Please reference the previous Semi-Annual Progress Report for additional details.

operations. The songbird was identified as a possible Ovenbird, which is not currently listed as a protected species.

5.2 2024 – 2025 Avian & Bat Survey Plan

BOEM formally approved the Atlas Wind 2024-2025 Avian & Bat Survey Plan on July 10, 2024.

Atlas Wind used passive acoustic detectors on the survey vessel to collect data on avian and bat species. These detectors passively recorded acoustics that were later analyzed to determine what species were detected. The equipment was mounted on a high point of the survey vessel and did not touch the water. This equipment was not anticipated to have any impact on marine, avian, or bat species. This was a good opportunity to collect additional data to help organizations, agencies, and Atlas Wind understand the avian and bat offshore environment. Avian and bat data was collected from July 10 to July 17, 2024. The avian and bat acoustic detection memo, which summarized the data collection and analysis, was submitted to BOEM and the U.S. Fish and Wildlife Service on October 15, 2024.

6.0 LOCAL COMMUNITIES & CONTENT

6.1 Local Communities

Atlas Wind engages with the local communities in-person and at community and council meetings. Information sharing and engagement is conducted in collaboration with the other Morro Bay lessees where appropriate.

To reach the local and wider community virtually, Atlas Wind has fact sheets publicly available on the Atlas website: <https://atlaswind.com/atlas-wind/about-the-project/fact-sheets/>. The fact sheets are currently available in English and Spanish. The fact sheets can be translated to other languages, as requested.

6.2 Local Content

Atlas Wind will utilize local content where feasible and appropriate. In the period covered by this semi-annual report, this has been primarily related to offshore survey support, for example pilotage, dockside assistance, dockside security etc.

Appendix A Tribes, Fisheries, Agencies and Other Parties Relevant to the Project

Table A-1 below identifies potential Tribes that may be interested in being consulted with/kept informed about the Project. They have been identified primarily based on the Tribes that could be affected by the Project, proximity to the Lease Area and export cable, and scope of the stakeholder organization. This list will continue to evolve as additional Tribes are identified, or as Tribes indicate that they are not interested in being kept informed about the Project. Outreach to Tribes will occur throughout various phases of the Project.

Table A-1 Tribes Relevant to the Project

Name of Tribe
Tribes
Barbareño/Ventureño Band of Mission Indians
Chumash Council of Bakersfield
Coastal Band of the Chumash Nation
Hoh Tribe
Makah Indian Tribe of the Makah Indian Reservation
Northern Chumash Tribal Council
Pulikla Tribe of Yurok People
Quileute Tribe of the Quileute Reservation
Quinault Indian Nation
Salinan Tribe of Monterey, San Luis Obispo Counties
San Luis Obispo County Chumash Council
Santa Rosa Rancheria Tachi Yokut Tribe
Santa Ynez Band of Chumash Indians
Tule River Indian Tribe
Xolon-Salinan Tribe
Yak Tityu Tityu Yak Tilhini - Northern Chumash Tribe

Table A-2 below identifies known potential agencies and parties that may be interested in being consulted with/kept informed about the Project. They have been identified primarily based on the fisheries and agencies that could be affected by the Project, proximity to the Lease Area and export cable, and scope of the stakeholder organization. This list will continue to evolve as additional stakeholders are identified, or as stakeholders indicate that they are not interested in being kept informed about the Project. Outreach to stakeholders will occur throughout various phases of the Project. This list is not inclusive of interested individual representatives that would like to be kept updated with the Project.

Table A-2 Agencies/Parties Relevant to the Project

Name of Party	Party Type(s)
Alioto-Lazio Fish Company	CFish
Alliance of Communities for Sustainable Fisheries	NGO
American Sportfishing Association	RFish
Bodega Bay Fishermen's Marketing Association	CFish
Bolinas Community Fishing Association	CFish

Name of Party	Party Type(s)
Bornstein Seafoods	CFish
Bureau of Ocean Energy Management (BOEM)	FA
Bureau of Safety and Environmental Enforcement	FA
Caito Fisheries	CFish
California Association of Harbormasters and Port Captains	CFish
California Coast Crab Association	CFish
California Coastal Commission (CCC)	SA
California Department of Conservation	SA
California Department of Fish and Wildlife Service (CDFW)	SA
California Department of Water Resources	SA
California Energy Commission	SA
California Environmental Protection Agency (CalEPA)	SA
California Fishermen's Resiliency Association	CFish
California Labor and Workforce Development Agency	SA
California Natural Resources Agency	SA
California Office of Historic Preservation	SA
California Public Utilities Commission	SA
California Shellfish/Hallmark Fisheries	CFish
California Sportfishing Protection Alliance	NGO
California State Lands Commission	SA
California State Parks	SA
California State Water Resources Control Board	SA
Carmel River Steelhead Association	CFish
Catalina Offshore Products, Inc.	CFish
Central Coast Women for Fisheries, Inc.	NGO
City of Monterey Harbor	LA
City of Morro Bay	LA
City of Morro Bay Harbor	LA
Coastal Conservation Association of California	NGO
Coastal Troller's Association	CFish
Department of Defense (DoD)	FA
Federal Aviation Agency (FAA)	FA
Integrated Ocean Observing System	FA
Marine Alliances Consulting	CFish/RFish
Morro Bay Commercial Fishing Organization (MBCFO)	CFish
National Marine Fisheries Service	FA

Name of Party	Party Type(s)
National Oceanic and Atmospheric Administration	FA
Pacific States Marine Fisheries Commission (PSLCFA)	FA
Port San Luis	LA
Port San Luis Commercial Fishermen's Association	CFish
Responsible Offshore Development Alliance (RODA)	CFish
San Luis Obispo County	LA
U.S. Army Corps of Engineers	FA
U.S. Coast Guard (USCG)	FA
U.S. Environmental Protection Agency (EPA)	FA
U.S. Fish and Wildlife Service (USFWS)	FA

Party Type: CFish = Commercial Fishing Industry; FA = Federal Agency; LA = Local Agency; NGO = Environmental and Public Interest Non-Governmental Organizations; RFish = Recreational Fishing Industry; and SA = State Agency.

Appendix B Lessee and Liaison Contact Information

The Tribal Liaison, Fisheries Liaison, and Agency Liaison are detailed below in **Table B-1a**.

Table B-1 Tribal, Fisheries, and Agency Liaison

Name	Contact Information
Atlas Wind Tribal Liaison	
Kelly Boyd Momoh	kmom@equinor.com
State Government Agency	
Kelly Boyd Momoh	kmom@equinor.com
Atlas Wind Fisheries Liaison	
Elizabeth Marchetti	emarc@equinor.com
Federal/State Agency (Permitting)	
Julia Lewis	julew@equinor.com
Community & Local Government (San Luis Obispo County)	
Martin Goff	mgof@equinor.com

Appendix C Communication Plans

The Joint Native American Tribes Communications Plan is publicly available online at https://atlaswind.com/wp-content/uploads/2024/04/Central-California-Joint-NATCP-rev3_clean_public.pdf?gl=1*1bpevao* up*MQ..* ga*MTM3MDU0NjA2LjE3MTU2MTc4OTE.* ga PE K9ZFNXLC*MTcxNTYxNzg5MC4xLjAuMTcxNTYxNzg5MC4wLjAuMA.

The Fisheries Communications Plan is publicly available online at https://atlasoffshorewind.com/wp-content/uploads/2024/01/20231222_Atlas-Wind-OCS-P-0563_Fisheries-Communication-Plan_Rev1_clean-Dec-2023.pdf.

The Agency Communications Plan is publicly available online at https://atlaswind.com/wp-content/uploads/2024/06/Equinor-OCS-P-0563_ACP_Rev2_20240506_CLEAN-NEW.pdf.

Appendix D Annual Summary of Filed Complaints

Lease Stipulation 6.4 states “Notice and Reporting: The Lessee is required to (i) notify applicable ocean users (including Tribal Fisheries Departments) two weeks in advance of any G&G survey activities, and (ii) provide an annual summary of filed complaint claims and outcomes to BOEM so it can better understand the frequency and extent of gear interactions.”

At this time, there were no filed complaints of gear interactions from the survey operations. **Table D-1** below provides an annual summary of filed complaints and outcomes during the G&G survey activities.

Table D-1 Complaints & Outcomes during G&G survey activities

Name of Individual/Group	Date	Complaint	Outcome
N/A	N/A	N/A	N/A