

Argo Drain Sub-Basin Facility (Prop O)

Mitigation Monitoring and Reporting Program

2021 Annual Progress Report

Prepared by Los Angeles World Airports

The Development Group

June 2022

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Introduction

Argo Drain Sub-Basin Facility (Prop O)

The California Environmental Quality Act (CEQA) requires the adoption of a Mitigation Monitoring and Reporting Program (MMRP) to report on environmental impacts associated with a development project. The adopted MMRP describes the procedures for the implementation of a project's mitigation measures.

The primary purpose of this report is to document and report on the status of the current ongoing and recently completed mitigation measures that are applicable to the Argo Drain Sub-Basin Facility (Prop O) project and set forth in the adopted LAX Northside Plan Update MMRP for the period from **January 1, 2021 through December 31, 2021**.

Please note that construction of the Argo Drain Sub-Basin Facility Project ended in 2021. Therefore, all construction mitigation measures are marked as “completed.” This will be the final report for the project.

**To view the project's adopted MMRP and previous annual progress reports, please visit <https://www.lawa.org/en/lawa-our-lax/studies-and-reports/mitigation-monitoring-reporting-program>.

Project Background

Argo Drain Sub-Basin Facility (Prop O)

The Argo Drain Sub-Basin Facility is a project under the City of Los Angeles' voter approved Proposition (Prop) O, which authorized the issuance of general obligation bonds for projects to comply with the federal Clean Water Act and to protect public health by cleaning up pollution, including bacteria and trash, in the City's watersheds. The Argo Drain Sub-Basin Facility is located in the LAX Northside Subarea and was analyzed under the LAX Northside Plan Update Environmental Impact Report (EIR) that was certified on March 12, 2015 by the Board of Airport Commissioners (BOAC). An addendum to the EIR was made in 2016 to reflect updated details of the Argo Drain Sub-Basin Facility project, which were not previously known at the time of the certified EIR. The addendum updated the EIR to reflect the fact that the project would be jointly undertaken by both LAWA and the City of Los Angeles Department of Public Works, and to incorporate minor design changes to the original assumptions made for the project in the certified EIR. Once completed, the facility will provide LAWA with stormwater quality treatment and will mitigate runoff contributions for approximately 1,100 acres of LAX airport property.



Above Image: Project site diagram (north of Westchester Parkway only) by the City of Los Angeles, Department of Public Works.

MMRP Summary Table Overview

Argo Drain Sub-Basin Facility (Prop O)

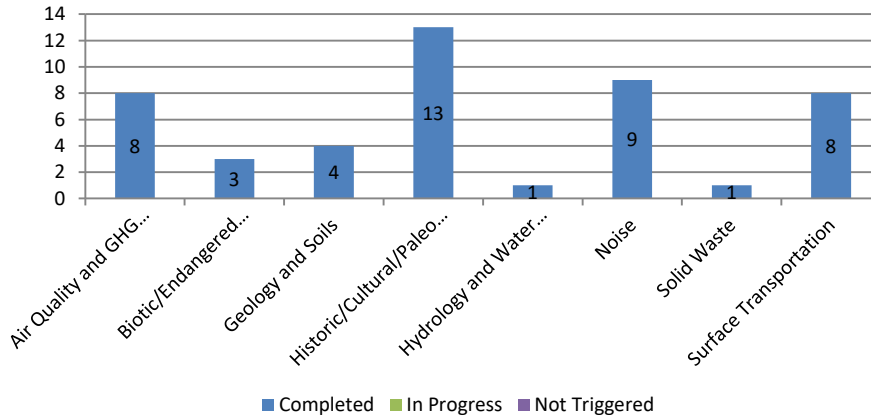
The MMRP Summary Table provides an overview of the progress of the implementation of applicable mitigation measures during the reporting period. The following are included in the table:

- **Resource Category** – lists the environmental factor/resource category
- **Measure ID** – lists the mitigation number as identified in the project’s MMRP
- **Status** – the following categories state the progress of the implementation at time of reporting:
 - **Completed:** Mitigation measure was completed during this reporting period.
 - **In Progress:** Mitigation measure was implemented or is ongoing during the reporting period.
 - **Not Triggered:** Mitigation measure was not triggered during the reporting period. These measures may be triggered in future reporting periods.
- **Project Design Feature** – Project Design Features (PDF) are specific design and/or operational characteristics that are incorporated into a project. PDFs do not necessarily constitute mitigation measures, but are incorporated into the MMRP to ensure that they are implemented as a part of the project. Please note that the status of compliance for all applicable PDFs for this project are located in Appendix B of this report.

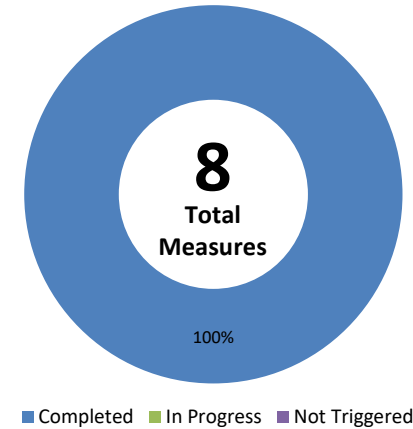
Air Quality and Greenhouse Gas (GHG) Emissions

Argo Drain Sub-Basin Facility (Prop O)

Number of Project Design Features* (PDFs)/Mitigation Measures by CEQA Resource Category (47 Total)



Status of Air Quality and GHG PDFs/Mitigation Measures



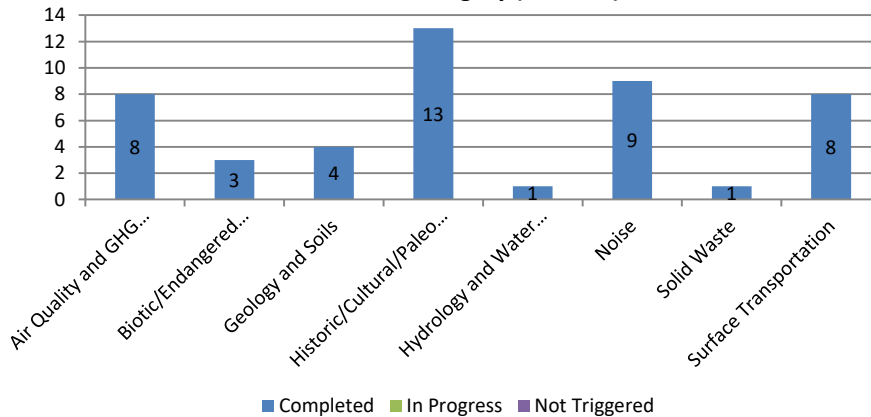
Measure ID	Overview	Status	Summary of Compliance
MM-AQ-2[2]	On-Road Mobile Source Controls [Employee Work/Commute Hours and Lunch Trucks]	Completed	This is a construction contract requirement and construction of the project ended in 2021. Employee shift hours were typically scheduled outside of peak commuter traffic hours in compliance with this measure. Lunch trucks were allowed on-site in designated areas.
MM-AQ-2[3]	Non-road Mobile Source Controls [Prohibit staging/parking on adjacent streets]	Completed	Construction/employee parking was provided on-site in designated areas. During the reporting period, some parking was temporarily allowed on the street near the infiltration tank due to crowding on the project site. Construction of the project ended in 2021.

*The status of Project Design Features are located in Appendix B.

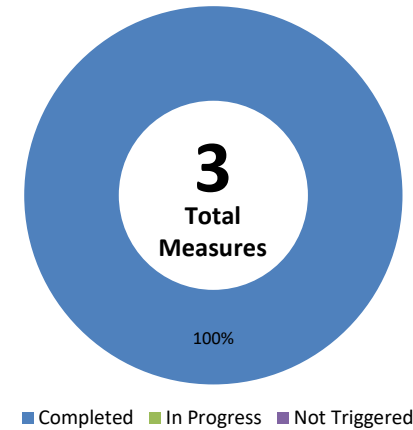
Biotic Communities / Endangered and Threatened Species

Argo Drain Sub-Basin Facility (Prop O)

Number of Project Design Features* (PDFs)/Mitigation Measures by CEQA Resource Category (47 Total)



Status of Biotic/Endangered Species PDFs/Mitigation Measures



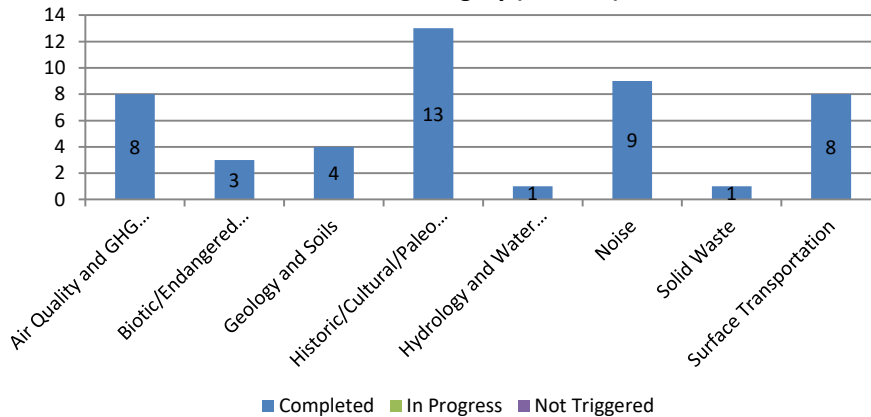
Measure ID	Overview	Status	Summary of Compliance
MM-ET-3	El Segundo Blue Butterfly Conservation: Dust Control	Completed	Construction of the project ended in 2021. This measure was addressed through dust control watering required by PDF-20, which requires that the site be watered three times a day to reduce fugitive dust emissions. Two (2) watering trucks were located on-site full time during the reporting period. After construction ended, a water wagon was placed on-site during the landscaping establishment period. No violations were noted during the reporting period.

*The status of Project Design Features are located in Appendix B.

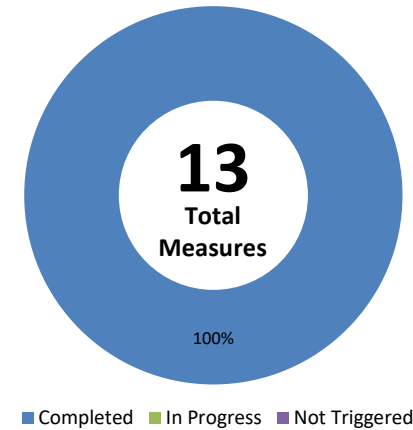
Historic/Architectural and Archaeological/Cultural/Paleontological Resources

Argo Drain Sub-Basin Facility (Prop O)

Number of Project Design Features* (PDFs)/Mitigation Measures by CEQA Resource Category (47 Total)



Status of Historic/Cultural/Paleo PDFs/Mitigation Measures



Measure ID	Overview	Status	Summary of Compliance
MM-HA-5	Monitoring [of Archaeological/Cultural Resources]	Completed	Construction of the project ended in 2021. An archaeologist was on-site for periodic monitoring during excavation activities in compliance with this measure. No resources were found during the reporting period.
MM-HA-7	Administration [of Archaeological/Cultural Resources Mitigation Measures]	Completed	See MM-HA-5 above.
MM-PA-2	Paleontological Authorization	Completed	Construction of the project ended in 2021. A paleontologist was on-site for periodic monitoring during excavation activities in compliance with this measure. No resources were found during the reporting period.

*The status of Project Design Features are located in Appendix B.

Historic/Architectural and Archaeological/Cultural/Paleontological Resources

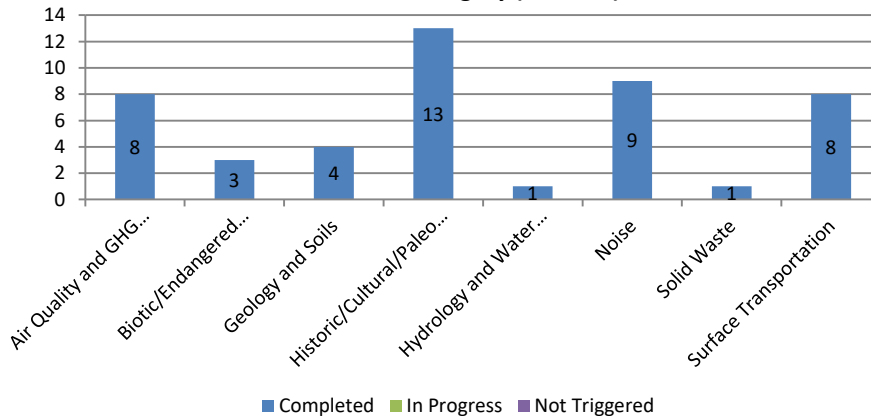
Argo Drain Sub-Basin Facility (Prop O) (cont.)

Measure ID	Overview	Status	Summary of Compliance
MM-HA-6	Excavation and Recovery Requirements	Completed	No resources were found during the reporting period. Construction of the project ended in 2021 and therefore this measure is being marked as "completed."
MM-HA-8	Archaeological/Cultural Monitor Report Requirements	Completed	The cultural resources firm that conducted monitoring developed a final report and submitted it to LAWA after completion of the project.
MM-HA-9	Artifact Curation Requirements	Completed	See MM-HA-6 above.
MM-HA-10	Archaeological Notification Requirements	Completed	See MM-HA-6 above.
PA-4	Paleontological Resources Collection Requirements	Completed	No resources were found during the reporting period. Construction of the project ended in 2021 and therefore this measure is being marked as "completed."
PA-5	Fossil Preparation Requirements	Completed	See PA-4 above.
PA-6	Fossil Donation Requirements	Completed	See PA-4 above.
PA-7	Paleontological Reporting Requirements	Completed	The cultural resources firm that conducted monitoring developed a final report and submitted it to LAWA after completion of the project.

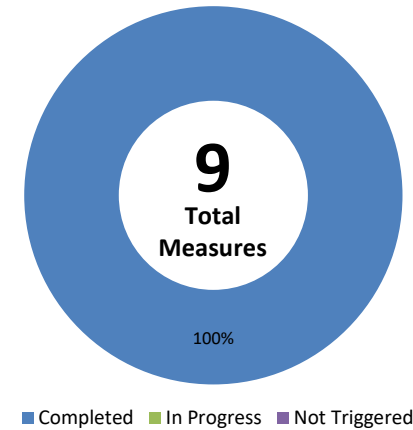
Noise

Argo Drain Sub-Basin Facility (Prop O)

Number of Project Design Features* (PDFs)/Mitigation Measures by CEQA Resource Category (47 Total)



Status of Noise PDFs/Mitigation Measures



Measure ID	Overview	Status	Summary of Compliance
MM-N (NSP)-1	Minimum 10' high noise barriers wherever construction activities are within 250' of noise sensitive receptors	Completed	This measure was not triggered during the reporting period as no construction activity occurred within 250' of noise sensitive receptors. Construction ended in 2021 and therefore this measure is being marked as "completed."
MM-N (NSP)-2	Shut off idle equipment if within 250' of noise sensitive receptors	Completed	Construction of the project ended in 2021. No construction activity occurred within 250' of noise sensitive receptors. No violations were noted during the reporting period.
MM-N (NSP)-3	Equipment equipped with shields/mufflers that achieve a minimum of 5 dBA reduction and properly maintained.	Completed	Construction of the project ended in 2021. All approved construction equipment includes manufacturer installed mufflers and were well maintained. In addition, state law prohibits idling. No violations were noted during the reporting period.

*The status of Project Design Features are located in Appendix B.

Noise

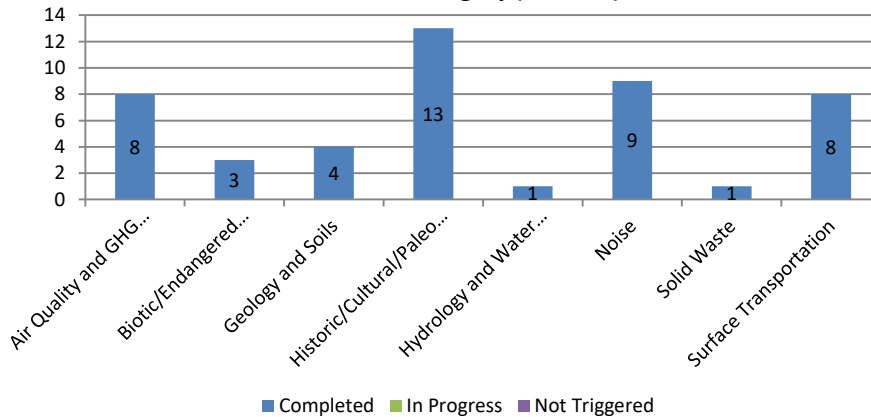
Argo Drain Sub-Basin Facility (Prop O) (cont.)

Measure ID	Overview	Status	Summary of Compliance
MM-N (NSP)-4	Locate stationary equipment as far from noise sensitive receptors as possible	Completed	This measure was not triggered during the reporting period as no construction activity occurred within 250' of noise sensitive receptors and no stationary equipment was on-site. Construction ended in 2021 and therefore this measure is being marked as "completed."
MM-N (NSP)-5	Loading/unloading of construction materials shall be located on-site and away from noise-sensitive uses, to the extent feasible	Completed	Construction materials were loaded/unloaded on-site. No violations noted during the reporting period.

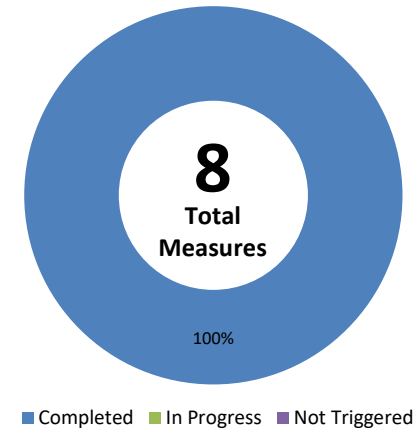
Surface Transportation/Traffic

Argo Drain Sub-Basin Facility (Prop O)

Number of Project Design Features* (PDFs)/Mitigation Measures by CEQA Resource Category (47 Total)



Status of Surface Transportation/Traffic PDFs/Mitigation Measures



Measure ID	Overview	Status	Summary of Compliance
ST-9	Construction Deliveries Requiring Lane Closures	Completed	Construction of the project ended in 2021. During the reporting period, several lane closures occurred on Falmouth Ave for utility tie-ins.
ST-12	Designated Truck Delivery Hours [Shall be Scheduled During Off-Peak Hours]	Completed	Deliveries occurred during designated truck delivery hours (from 6:30 p.m. to 7:30 a.m. and from 9:00 a.m. to 4:30 p.m.). No waivers were granted by LAWA's Coordination and Logistics Management (CALM) Office during the reporting period and no violations were noted.
ST-14	Construction Employee Shift Hours [Shall Avoid Peak Commuter Traffic Periods]	Completed	The standard work hour period for construction employees was Monday through Friday 7:00 a.m. to 3:30 p.m., which avoided peak commute hours. Peak commuter traffic periods are defined as 7:00 a.m. to 9:00 a.m. and 4:30 p.m. to 6:30 p.m. If work on Saturday was required, it was performed between 8:00 a.m. and 2:00 p.m. No violations were noted during the reporting period.

*The status of Project Design Features are located in Appendix B.

Surface Transportation/Traffic

Argo Drain Sub-Basin Facility (Prop O) (cont.)

Measure ID	Overview	Status	Summary of Compliance
ST-17	Maintenance of Haul Routes	Completed	No hauling occurred during the reporting period; however, rumble plates, sweepers, and manual sweeping were maintained to keep track-out at the minimum.
ST-19	Closure Restrictions of Existing Roadways	Completed	This measure was not triggered as roadway closures were not required for construction of the project. This measure is being marked as “completed” since construction ended in 2021.

Appendix A

Measures Completed Prior to 2021

Appendix A

Measures Completed Prior to 2021

Appendix A provides a list of mitigation measures that were completed prior to the 2020 reporting period. For more information on these measures, please see previous annual progress reports.

Measure ID	Resource Category	Overview
MM-AQ-2	Air Quality and Greenhouse Gas (GHG) Emissions	Construction-related mitigation measures shall include fugitive dust controls, on-road and off-road mobile source controls, and stationary source controls as identified in the sub-measures
MM-AQ-2[1.3]	Air Quality and Greenhouse Gas (GHG) Emissions	Post a sign with contact information for dust complaints
MM-AQ-2[6]	Air Quality and Greenhouse Gas (GHG) Emissions	The contractor/builder shall designate a person(s) to ensure implementation of construction-related measure
MM-BC-9	Biotic Communities / Endangered and Threatened Species	Removal of Large Shrubs Outside of Nesting Season (Mar. 15 – Aug. 15)
MM-PA-1	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Develop a Paleontological Qualification and Treatment Plan
MM-PA-3	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Paleontological Monitoring Specifications
MM-N-7	Noise	Prepare a Construction Noise Control Plan
MM-N-8	Noise	Construction staging shall be located as far from noise-sensitive uses as feasible

Appendix A

Measures Completed Prior to 2021

Measure ID	Resource Category	Overview
MM-N-9	Noise	Noisy equipment shall be replaced with quieter equipment when technically/economically feasible
MM-N-10	Noise	Construction scheduling shall avoid sensitive times of the day (Mon. thru Fri., 9:00 p.m. to 7:00 a.m.; Sat., 8:00 p.m. to 6:00 a.m.; and Sun./holidays anytime) as feasible
SW-3	Solid Waste	Requirements for the Recycling of Construction and Demolition Waste
ST-16	Surface Transportation	Designated Haul Routes
ST-18	Surface Transportation	Prepare a Construction Traffic Management Plan
ST-22	Surface Transportation	Designated Truck Routes

Appendix B

Project Design Features

Appendix B

Project Design Features

Appendix B provides a list of applicable project design features (PDFs), their current status, and a brief summary of how compliance is being/was met.

Measure ID	Resource Category	Overview	Status	Summary of Compliance
LAXN-PDF-20	Air Quality and Greenhouse Gas (GHG) Emissions	Water three times daily to reduce fugitive dust emissions	Completed	Construction of the project ended in 2021. Two (2) watering trucks were located on-site full time to water three times daily. After construction ended, a water wagon was placed on-site during the landscaping establishment period. No violations were noted during the reporting period.
LAXN-PDF-21	Air Quality and Greenhouse Gas (GHG) Emissions	On-road trucks greater than 19,500 pounds shall comply with USEPA 2010 emission standards	Completed	The contractor submitted on-road equipment to LAWA for review and approval. Four (4) pieces of on-road equipment were approved by LAWA. All complied with USEPA 2010 standards.
LAXN-PDF-23	Air Quality and Greenhouse Gas (GHG) Emissions	Off-road diesel-powered equipment greater than 50 horsepower shall meet USEPA Tier 3 with Level 3 verified diesel emission control standards (VDECS)	Completed	The contractor submitted off-road equipment to LAWA for review and approval. Twenty-four (24) pieces of off-road equipment were approved per the measure. Of the approved off-road equipment, over seventy-five percent were USEPA Tier 4 Interim or Tier 4 Final. The remainder complied with USEPA Tier 3 with Level 3 VDECS except for two (2) pieces of equipment that were granted a 120-day exception. Additionally, several pieces of unauthorized equipment were noted on-site during the reporting period and removed by the contractor after LAWA and the Bureau of Engineering issued a Job Memorandum.

Appendix B

Project Design Features

Measure ID	Resource Category	Overview	Status	Summary of Compliance
LAXN-PDF-42	Biotic Communities / Endangered and Threatened Species	Pest control and no use of pesticides requirements	Completed	The site was kept free of unsealed food; trash containers with bags were provided, lids were provided to all trash containers. Chemicals were not used on site for pest controls during construction, which ended in 2021.
LAXN-PDF-55	Geology and Soils	Grading would be scheduled for completion prior to the start of the rainy season or temporary erosion control plans would be implemented	Completed	A Stormwater Pollution Prevention Plan (SWPPP) was prepared for the project and approved by the Regional Water Quality Control Board (RWQCB). Implementation of this measure is through the SWPPP.
LAXN-PDF-56	Geology and Soils	The grading contractor will control surface water and the transportation of silt and sediment	Completed	The control of surface water and transportation of silt and sediment is addressed in the SWPPP. A Qualified SWPPP Practitioner (QSP) or the QSP's trained designee, comes on-site on a regular basis including for weekly (best management practices) BMP inspections, as well as for Pre-Storm, During-Storm, and Post-Storm inspections. No violations were noted during the reporting period. Construction of the project ended in 2021.
LAXN-PDF-57	Geology and Soils	Backfilling would be used during construction of the project	Completed	Backfilling was conducted in compliance with the the SWPPP.
LAXN-PDF-58	Geology and Soils	Erosion and sedimentation control measures would be implemented during site grading	Completed	Please see LAXN-PDF-56.

Appendix B

Project Design Features

Measure ID	Resource Category	Overview	Status	Summary of Compliance
LAXN-PDF-82	Hydrology and Water Quality	Dewatering per Regional Water Quality Control Board requirements if encountered	Completed	Dewatering activities did not occur during the reporting period. Construction of the project ended in 2021 and therefore this measure is being marked as “completed.”