

Argo Drain Sub-Basin Facility (Prop O)

Mitigation Monitoring and Reporting Program

2019 Annual Progress Report

Prepared by Los Angeles World Airports
Environmental Programs Group and
Planning & Development Group
June 2020 (revised)

Table of Contents

Argo Drain Sub-Basin Facility (Prop O)

Introduction	3
Project Background	4
MMRP Summary Table Overview	5
Air Quality and Greenhouse Gas (GHG) Emissions	6
Biotic Communities / Endangered and Threatened Species	7
Historic/Architectural and Archaeological/Cultural/Paleontological Resources	8
Noise	9
Surface Transportation/Traffic	10
Appendix A – Measures Completed Prior to 2019	11
Appendix B – Measures Not Triggered in 2019	14
Appendix C – Project Design Features	17

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. Monitoring and implementation of all of the measures are the responsibility of Los Angeles World Airports (LAWA), and/or the party implementing the project. LAWA, at its discretion, may delegate implementation responsibility or portions thereof to a licensed contractor or other responsible party.

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, 2019 through December 31, 2019**.

**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)

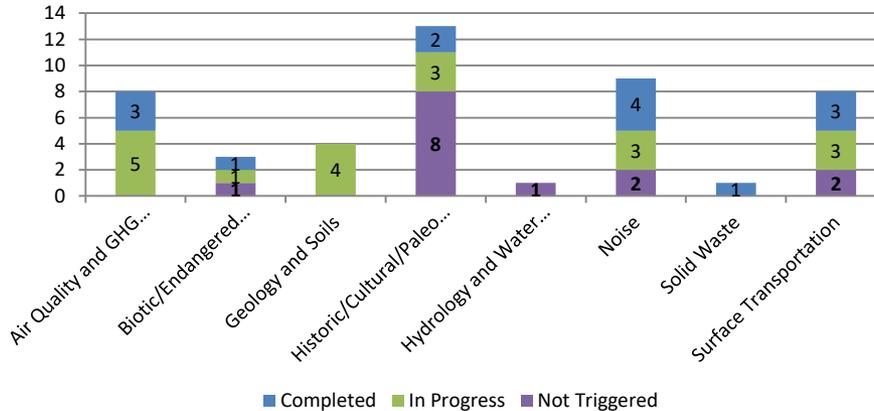
The MMRP Summary Table provides an overview of the progress of the implementation of applicable mitigation measures during the reporting period. The following are included in the table:

- **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. The status of compliance for all applicable PDFs for this project are located in Appendix C of this report.

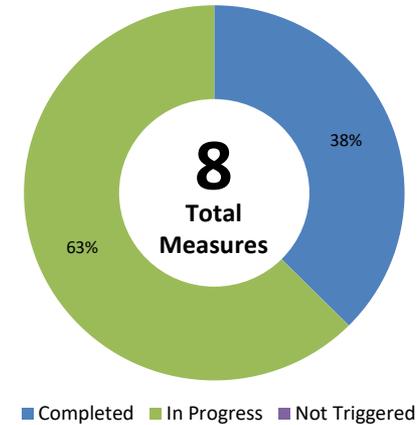
Air Quality and Greenhouse Gas (GHG) Emissions

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

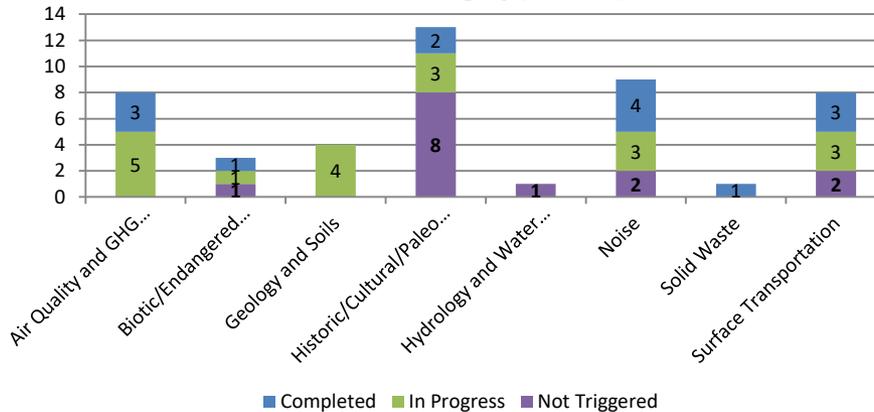


Measure ID	Overview	Status	Summary of Compliance
MM-AQ-2[2]	On-Road Mobile Source Controls [Employee Work/Commute Hours and Lunch Trucks]	In Progress	This is a construction contract requirement. Employee shift hours are typically scheduled outside of peak commuter traffic hours in compliance with this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

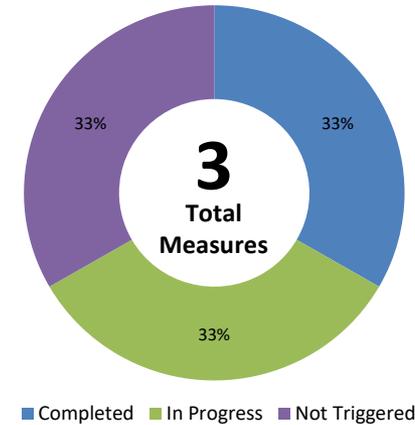
Biotic Communities / Endangered and Threatened Species

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

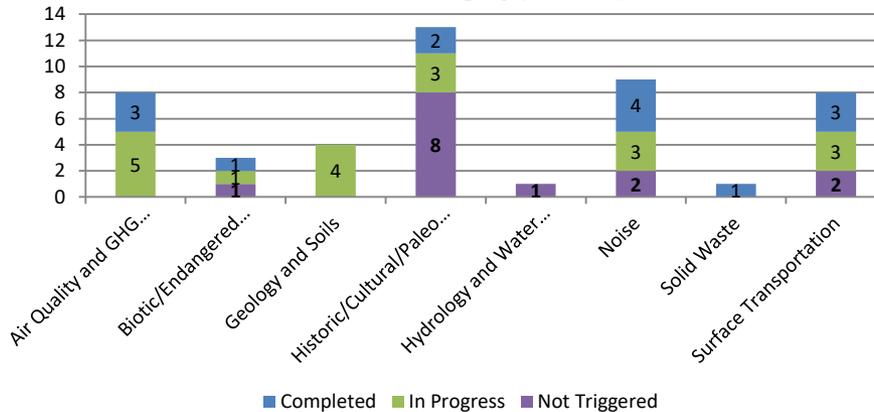


Measure ID	Overview	Status	Summary of Compliance
MM-ET-3	El Segundo Blue Butterfly Conservation: Dust Control	In Progress	This measure is addressed through dust control watering required by PDF-20, which requires that the site be watered three times a day to reduce fugitive dust emissions. Two (2) watering trucks were located on-site full time during the reporting period. No violations were noted during the reporting period.

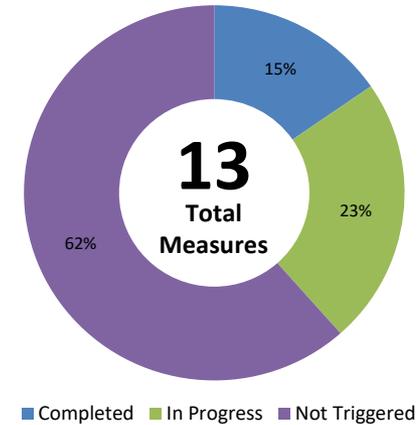
Historic/Architectural and Archaeological/Cultural/Paleontological Resources

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

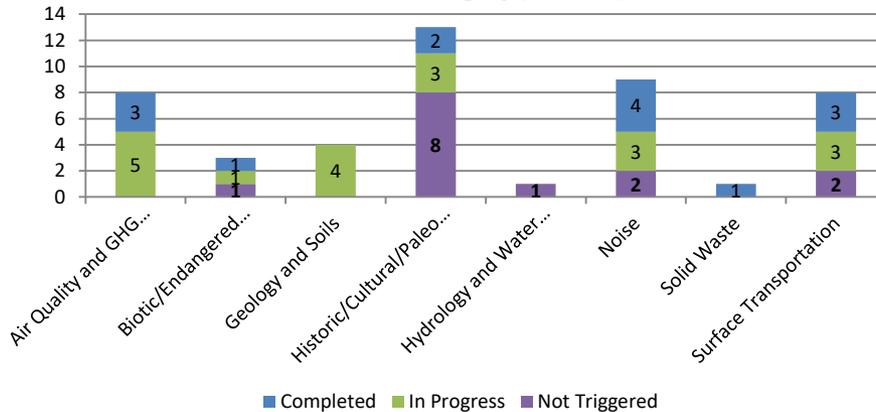


Measure ID	Overview	Status	Summary of Compliance
MM-HA-5	Monitoring [of Archaeological/Cultural Resources]	In Progress	An archaeologist was on-site for periodic monitoring during excavation activities in compliance with this measure. No resources were found during the reporting period.
MM-HA-7	Administration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

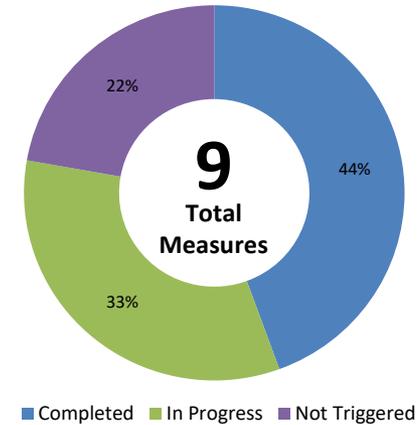
Noise

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

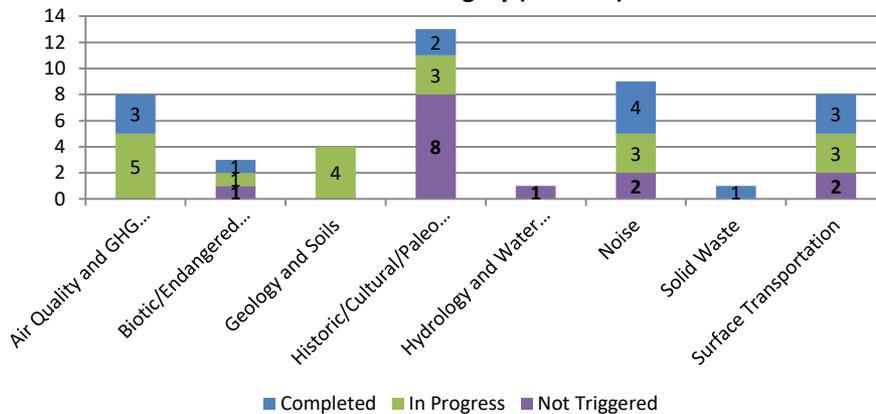


Measure ID	Overview	Status	Summary of Compliance
MM-N (NSP)-2	Shut off idle equipment if within 250' of noise sensitive receptors	In Progress	No construction activity occurred within 250' of noise sensitive receptors. No violations were noted during the reporting period.
MM-N (NSP)-3	Equipment equipped with shields/mufflers that achieve a minimum of 5 dBA reduction and properly maintained.	In Progress	All approved construction equipment includes manufacturer installed mufflers and were well maintained. No violations were noted during the reporting period.
MM-N (NSP)-5	Loading/unloading of construction materials shall be located on-site and away from noise-sensitive uses, to the extent feasible	In Progress	Construction materials were loaded/unloaded on-site. No violations noted during the reporting period.

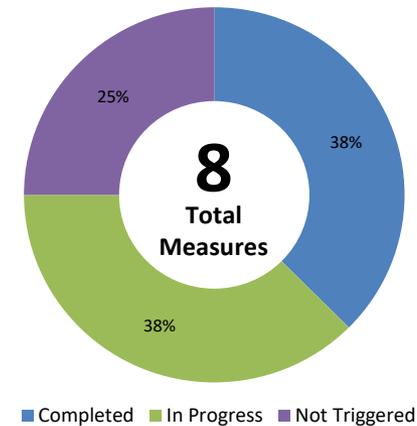
Surface Transportation/Traffic

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-12	Designated Truck Delivery Hours [Shall be Scheduled During Off-Peak Hours]	In Progress	A majority of 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.). However, during the reporting period, several waivers were granted by LAWA's Coordination and Logistics Management (CALM) Office in order for the contractor to conduct concrete pours that required non-stop activity. No violations were noted.
ST-14	Construction Employee Shift Hours [Shall Avoid Peak Commuter Traffic Periods]	In Progress	This is a construction contract requirement. Employee shift hours are scheduled outside of peak commuter traffic hours in compliance with this measure. 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.
ST-17	Maintenance of Haul Routes	In Progress	A few haul trucks were seen turning outside of the approved haul routes in March. The issue was discussed with the contractor and no additional violations have occurred since.

Appendix A

Measures Completed Prior to 2019

Appendix A

Measures Completed Prior to 2019

Appendix A provides a list of mitigation measures that were completed prior to the 2019 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 2019

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

Measures Not Triggered in 2019

Appendix B

Measures Not Triggered in 2019

Appendix B provides a list of mitigation measures that were completed prior to the 2019 reporting period. For more information on these measures, please see previous annual progress reports .

Measure ID	Resource Category	Overview
MM-HA-6	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Excavation and Recovery Requirements
MM-HA-8	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Archaeological/Cultural Monitor Report Requirements
MM-HA-9	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Artifact Curation Requirements
MM-HA-10	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Archaeological Notification Requirements
PA-4	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Paleontological Resources Collection Requirements
PA-5	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Fossil Preparation Requirements

Appendix B

Measures Not Triggered in 2019

Measure ID	Resource Category	Overview
PA-6	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Fossil Donation Requirements
PA-7	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Paleontological Reporting Requirements
MM-N (NSP)-1	Noise	Minimum 10' high noise barriers wherever construction activities are within 250' of noise sensitive receptors
MM-N (NSP)-4	Noise	Locate stationary equipment as far from noise sensitive receptors as possible
ST-9	Surface Transportation	Construction Deliveries Requiring Lane Closures
ST-19	Surface Transportation	Closure Restrictions of Existing Roadways

Appendix C

Project Design Features

Appendix C

Project Design Features

Appendix C 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	In Progress	Two (2) watering trucks were located on-site full time to water three times daily. 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	In Progress	The contractor submitted one hundred and seventeen (117) pieces of on-road equipment to LAWA for review and approval. 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)	In Progress	The contractor submitted thirty-nine (39) pieces of off-road equipment to LAWA for review and approval. Thirty-three (33) Tier 4 (final) and six (6) Tier 4 (interim) diesel-powered construction equipment were approved per the measure. In addition, one (1) Tier 4 portable equipment registration program (PERP) piece of equipment was approved. No violations were noted during the reporting period.
LAXN-PDF-42	Biotic Communities / Endangered and Threatened Species	Pest control and no use of pesticides requirements	Not Triggered	This PDF was not triggered.
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	In Progress	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.

Appendix C

Project Design Features

Measure ID	Resource Category	Overview	Status	Summary of Compliance
LAXN-PDF-56	Geology and Soils	The grading contractor will control surface water and the transportation of silt and sediment	In Progress	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. BMPs have been increased due to the intensity of rainstorms during the reporting period. In addition, the RWQCB issued a notice to comply for minor violations during the reporting period. The violations were quickly addressed by the contractor and LAWA.
LAXN-PDF-57	Geology and Soils	Backfilling would be used during construction of the project	In Progress	Backfilling is addressed by the SWPPP.
LAXN-PDF-58	Geology and Soils	Erosion and sedimentation control measures would be implemented during site grading	In Progress	Please see LAXN-PDF-56.
LAXN-PDF-82	Hydrology and Water Quality	Dewatering per Regional Water Quality Control Board requirements if encountered	Not Triggered	Dewatering activities are not expected during construction. However, if the water table is unexpectedly discovered during construction, dewatering would be conducted in accordance to RWQCB requirements and LADBS approval as appropriate.