Receiving Station X (RS-X)

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

Receiving Station X (RS-X)

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 Receiving Station X (RS-X) project and set forth in the adopted LAX Northside Plan Update MMRP for the period from **January 1, 2021 through December 31, 2021**.

**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

Receiving Station X (RS-X)

The Receiving Station "X" (RS-X) project will construct new electrical infrastructure improvements in order to address persistent power reliability, redundancy, and capacity issues at Los Angeles International Airports (LAX). The entirety of the proposed project will occur on existing Airport property, with the main facility being located at the southeast corner of Pershing Road and Westchester Parkway, and 34.5 kV power lines being placed underground east of Pershing Drive and north of World Way West. The RS-X facility will provide redundant power to all major airport facilities, including FAA navigation systems, airfield lighting, and the Airport Traffic Control Tower. Elements of the RS-X include:

- A concrete and masonry, single-story building with a footprint of approximately 4,800 square feet. The RS-X will also include outdoor electrical equipment, occupying approximately 22,800 and 63,400 square feet, to the west and east of the control room, respectively.
- A control room, transmission feeders to the 230 kV LADWP transmission lines and electrical vaults along Pershing Drive, and distribution feeders from RS-X to LAX.
- New utility connections to existing storm and wastewater drains, natural gas, communications, and other related utility services would be required to support the operations of the RS-X facility.

MMRP Summary Table Overview

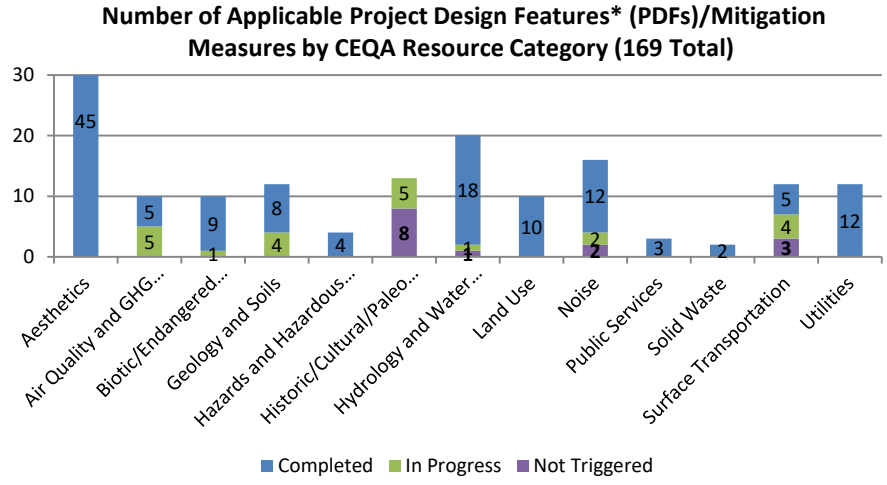
Receiving Station X (RS-X)

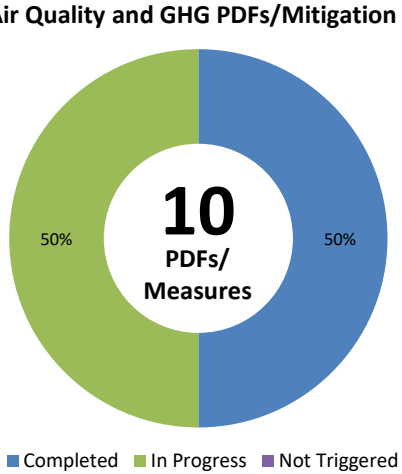
The MMRP Summary Table provides an overview of the progress of the implementation of applicable mitigation measures during the reporting period. The following are included in the table:

- **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 (PDFs) 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 and Appendix D of this report.

Air Quality and Greenhouse Gas (GHG) Emissions

Receiving Station X (RS-X)



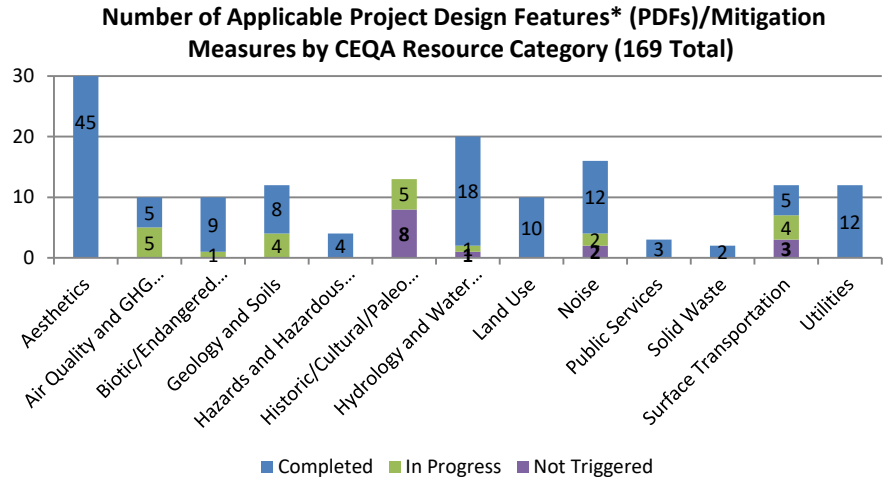


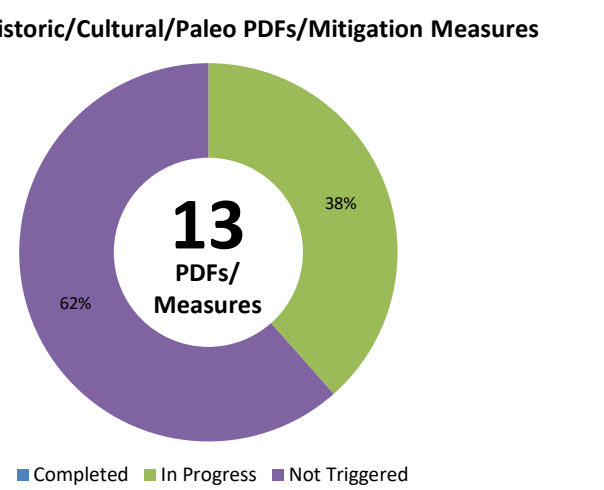
Measure ID	Overview	Status	Summary of Compliance
MM-AQ-2[2]	On-Road Mobile Source Controls [Employee Work/Commute Hours and Lunch Trucks]	In Progress	This is a construction contract requirement. Employee shift hours are scheduled outside of peak commuter traffic hours in compliance with this measure. Lunch trucks are allowed on-site in a designated area. No violations were noted during the reporting period.
MM-AQ-2[3]	Non-road Mobile Source Controls [Prohibit staging/parking on adjacent streets]	In Progress	Construction/employee parking is provided on-site. No violations were noted during the reporting period.

*The status of Project Design Features (PDFs) are located in Appendix C and Appendix D. There are three (3) PDFs in progress.

Historic/Architectural and Archaeological/Cultural/Paleontological Resources

Receiving Station X (RS-X)





Measure ID	Overview	Status	Summary of Compliance
MM-HA-5	Monitoring [of Archaeological/ Cultural Resources]	In Progress	During 2021, representatives of the Kizh Nation (Native American Tribe) retained by the Contractor and an archeologist retained by LAWA provided monitoring of excavation activities that occurred in native soils (i.e., non-fill areas). No cultural resources were found.
MM-HA-7	Administration [of Archaeological/ Cultural Resources Mitigation Measures]	In Progress	See MM-HA-5 above.
MM-PA-1	Paleontological Qualification and Treatment Plan	In Progress	During 2021, representatives of the Kizh Nation (Native American Tribe) retained by the Contractor and paleontologist retained by LAWA provided monitoring of excavation activities that occurred in native soils (i.e., non-fill areas). No paleontological resources were found.

*The status of Project Design Features (PDFs) are located in Appendix C and Appendix D.

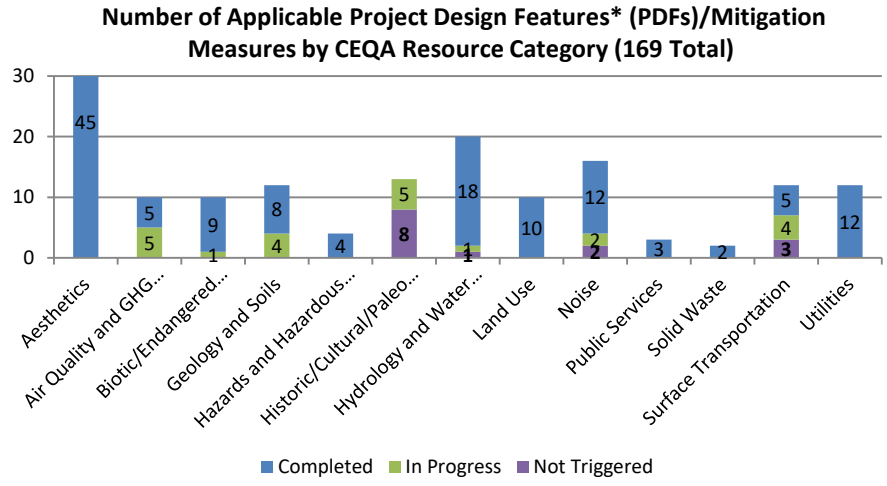
Historic/Architectural and Archaeological/Cultural/Paleontological Resources (cont.)

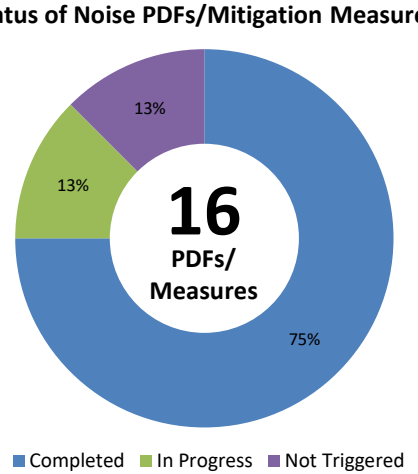
Receiving Station X (RS-X)

Measure ID	Overview	Status	Summary of Compliance
MM-PA-2	Paleontological Authorization Requirements	In Progress	See MM-PA-1 on the previous page.
MM-PA-3	Paleontological Monitoring Specifications	In Progress	See MM-PA-1 on the previous page.

Noise

Receiving Station X (RS-X)



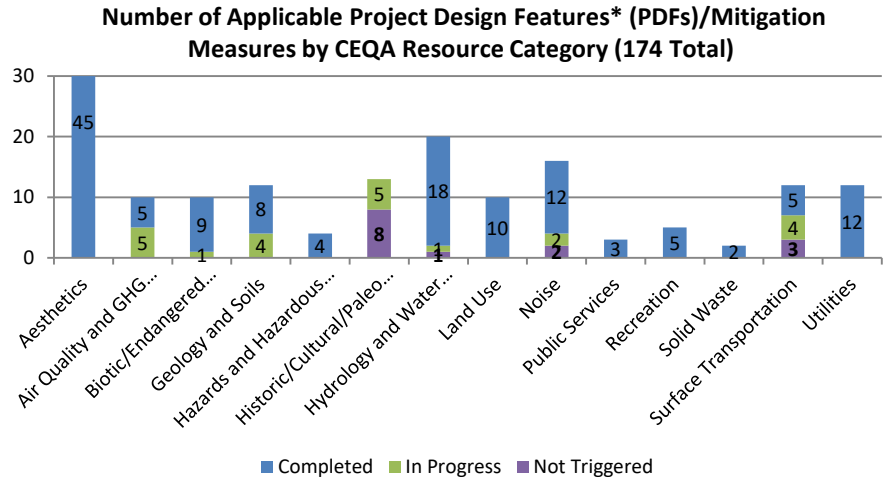


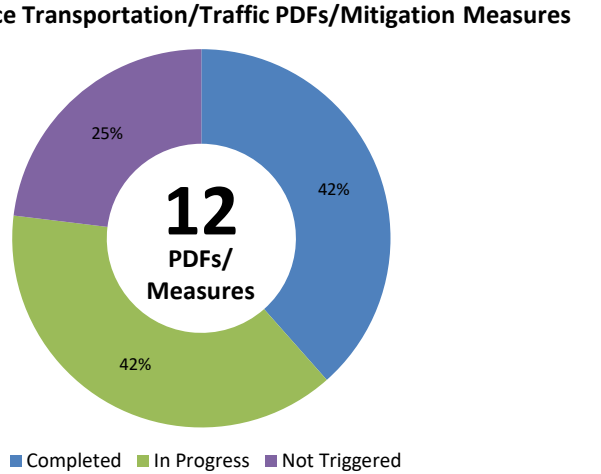
Measure ID	Overview	Status	Summary of Compliance
MM-N (NSP)-3	Equipment equipped with shields/mufflers that achieve a minimum of 5 dBA reduction and properly maintained.	In Progress	All approved construction equipment includes manufacturer installed mufflers and were well maintained. No violations were 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, which is located away from noise-sensitive uses. No violations noted during the reporting period.

*The status of Project Design Features (PDFs) are located in Appendix C and Appendix D.

Surface Transportation/Traffic

Receiving Station X (RS-X)





Measure ID	Overview	Status	Summary of Compliance
ST-12	Designated Truck Delivery Hours	In Progress	Deliveries were mostly scheduled within the designated hours during the reporting period. However, eleven (11) waivers were granted for concrete pouring. In addition, one (1) violation was noted during the reporting period. Notification was given and no other violations were noted during the reporting period.
ST-14	Construction Employee Shift Hours	In Progress	This is a construction contract requirement. Employee shift hours are scheduled outside of peak commuter traffic hours in compliance with this measure. No violations were noted.
ST-17	Maintenance of Haul Routes	In Progress	The contractor maintained haul routes in compliance with this measure. Some instances of trackout were noted during the reporting period and addressed quickly by the contractor.

*The status of Project Design Features (PDFs) are located in Appendix C and Appendix D. There is one (1) PDF in progress.

Appendix A

Measures Completed Prior to 2021

Appendix A – Measures Completed Prior to 2021

Receiving Station X (RS-X)

Appendix A provides a list of mitigation measures that were completed prior to the 2021 reporting period. For more information on these measures, please see the previous annual progress reports.

Measure ID	Resource Category	Overview
LI-2	Aesthetics	Proposed LAX facilities will be constructed to maximize use of non-reflective materials and minimize use of undifferentiated expanses of glass.
LI-3	Aesthetics	Lighting type and placement to ensure that lighting will not interfere with aeronautical lights or otherwise impair Airport Traffic Control Tower or pilot operations
MM-DA-1	Aesthetics	Construction fencing and pedestrian canopies shall be installed along major public approach and perimeter roadways, including Westchester Parkway
MM-AQ-1	Air Quality and Greenhouse Gas (GHG) Emissions	LAX Master Plan – Mitigation Plan for Air Quality
MM-AQ-2	Air Quality and Greenhouse Gas (GHG) Emissions	Construction-Related Mitigation 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-3	Air Quality and Greenhouse Gas (GHG) Emissions	Conservation of Floral Resources: Mature Tree Replacement

Appendix A – Measures Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
MM-N (NSP)-4	Noise	Stationary source equipment that is flexible with regard to relocation (such as generators and compressors) shall be located at the greatest distance possible from sensitive land uses and unnecessary idling of equipment shall be prohibited.
MM-N -7	Noise	Construction Noise Control Plan
MM-N-8	Noise	Construction Staging
MM-N-9	Noise	Equipment Replacement
MM-N-10	Noise	Construction Scheduling
FP-1	Public Services	LAWA will work with Los Angeles Fire Department (LAFD) to prepare plans that contain the appropriate design features applicable to that component
SW-2	Solid Waste	Requirements for the Use of Recycled Materials during Construction
SW-3	Solid Waste	Requirements for the Recycling of Construction and Demolition Waste
ST-16	Surface Transportation/ Traffic	Designated Haul Routes

Appendix A – Measures Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
ST-18	Surface Transportation/ Traffic	Construction Traffic Management Plan
ST-22	Surface Transportation/ Traffic	Designated Truck Routes
E-1	Utilities	LAWA will seek to continually improve the energy efficiency of building design and layouts
E-2	Utilities	Coordination with Utility Providers
PU-1	Utilities	LAWA will develop and implement a utilities relocation program
W-1	Utilities	To the extent feasible, LAWA will maximize the use of reclaimed water

Appendix B

Measures Not Triggered in 2021

Appendix B – Measure Not Triggered in 2021

Receiving Station X (RS-X)

Appendix B provides a list of mitigation measures that were not triggered during the 2021 reporting period.

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
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
MM-PA-4	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Paleontological Resources Collection Requirements
MM-PA-5	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Fossil Preparation Requirements
MM-PA-6	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Fossil Donation Requirements

Appendix B – Measure Not Triggered in 2021 (cont.)

Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
MM-PA-7	Historic/Architectural and Archaeological/Cultural/Paleontological Resources	Paleontological Reporting Requirements
MM-N (NSP)-1	Noise	A temporary, continuous and impermeable minimum 10’ high sound barrier wall shall be erected between the proposed Project construction area and adjacent off-site sensitive noise receptors wherever construction activities are within 250’
MM-N (NSP)-2	Noise	Shut off idle equipment if within 250' of noise sensitive receptors
MM-T (NSP)-5	Surface Transportation/ Traffic	Traffic Mitigation Phasing for Trips Generated over the course of the development of the LAX Northside
ST-9	Surface Transportation/ Traffic	Construction Deliveries Requiring Lane Closures
ST-19	Surface Transportation/ Traffic	Closure Restrictions of Existing Roadway

Appendix C

Ongoing Project Design Features

Appendix C – Ongoing Project Design Features

Receiving Station X (RS-X)

Appendix C provides a list of applicable project design features (PDFs) that were in-progress, not triggered, or were completed during the 2021 reporting period.

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	The contractor watered three times daily in compliance with this measure. 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	In Progress	The contractor submitted equipment lists for LAWA review and approval. Forty-two (42) pieces of on-road were approved. No exceptions were granted and all were in compliance with USEPA 2010 emission 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 emission standards	In Progress	The contractor submitted equipment lists for LAWA review and approval. One-hundred and thirty-nine (139) pieces of off-road were approved. No exceptions granted all approved equipment were USEPA Tier 4 Final standards. There were a few instances of non-compliance during the reporting period and LAWA subsequently issued Notices of Non-Compliance and assessed fines on the contractor.
LAXN-PDF-42	Biotic Communities / Endangered and Threatened Species	The contractor shall utilize integrated pest/rodent management measures wherever feasible during construction in the LAX Northside Campus District	In Progress	Relative to implementing this feature during construction of the project, the applicable provision of the subject mitigation measure is to maintain the site free of unsealed food and open trash that could attract rodents. That provision is being implemented by the contractor on an ongoing basis.

Appendix C – Ongoing Project Design Features (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview	Status	Summary of Compliance
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	It was not feasible to schedule grading to occur outside the rainy season; however, appropriate erosion control measures were implemented during such grading, as set forth in the Construction Stormwater Pollution Prevention Plan (SWPPP) approved for the project.
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 QSP designee, inspects the stormwater Best Management Practices (BMPs) every week and before and after rainstorms.
LAXN-PDF-57	Geology and Soils	Backfilling would be used during construction of the project	In Progress	See LAXN-PDF-53.
LAXN-PDF-58	Geology and Soils	Erosion and sedimentation control measures would be implemented during site grading	In Progress	See LAXN-PDF-56.

Appendix C – Ongoing Project Design Features (cont.)
Receiving Station X (RS-X)

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	Not Triggered	Dewatering activities are not expected during construction and was not required in 2021. However, if the water table is unexpectedly discovered during construction in the future, dewatering would be conducted in accordance to RWQCB requirements and LADBS approval as appropriate.
LAXN-PDF-80	Hydrology and Water Quality	Provisions will be made for adequate surface drainage away from the areas of excavation as well as protection of excavated areas from flooding	In Progress	The contractor implements stormwater managment Best Management Practices (BMP) on an ongoing basis as required in the SWPPP to protect excavated areas during the reporting period.
LAXN-PDF-220	Surface Transportation/ Traffic	The Project Applicant will notify any affected transit operators at least one week in advance any time that construction activities will hinder normal operation of a regularly scheduled transit route	In Progress	LAWA has and will continue to notify transit operators of any construction activity that impacts regularly scheduled transit routes.

Appendix D

Project Design Features Completed Prior to 2021

Appendix D – Project Design Features Completed Prior to 2021

Receiving Station X (RS-X)

Appendix D provides a list of applicable project design features (PDFs) that were completed prior to the 2021 reporting period. For more information on these PDFs, please see the previous annual progress reports.

Measure ID	Resource Category	Overview
LAXN-PDF-2	Land Use	Vehicular access is prohibited from Lincoln Boulevard, Pershing Drive, and all the local streets along the north edge of the Northside area. This requirement may be waived by due to extreme site constraints or unusual conditions.
LAXN-PDF-3	Noise; Surface Transportation/ Traffic	The project does not introduce any new streets, or open up existing streets
LAXN-PDF-4	Noise	Vehicular access is prohibited from Lincoln Boulevard, Pershing Drive, and all the local streets along the north edge of the Northside area
LAXN-PDF-5	Noise	Primary access drives, allowing left turns, along Westchester Parkway shall be limited to enhance traffic flow and to reduce the disruption of the landscaping, pedestrian recreation paths, and Westchester Parkway medians
LAXN-PDF-18	Air Quality and Greenhouse Gas (GHG) Emissions	Provide a minimum number of EV charging stations, which is equal to 5% of the total parking spaces
LAXN-PDF-32	Aesthetics	Areas dedicated to loading shall not be visible from a public street
LAXN-PDF-33	Aesthetics	Roof parapets are required to be an integral part of building design
LAXN-PDF-34	Aesthetics	Roofs are required to be painted a light color and are encouraged to be designed to collect rain water

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-35	Aesthetics	Exterior roof ladders are prohibited. Roof mounted equipment shall be screened at a maximum of 6' measured from the grade.
LAXN-PDF-36	Aesthetics	Auxiliary buildings are not allowed along Westchester Parkway, Sepulveda Westway, La Tijera Boulevard, Loyola Boulevard, Falmouth Avenue, or Pershing Drive
LAXN-PDF-40	Aesthetics	All utility service equipment shall be screened and located away from major pedestrian routes and outdoor seating areas
LAXN-PDF-41	Aesthetics	All utility service equipment shall be screened by landscape materials
LAXN-PDF-43	Aesthetics	Fences and walls not associated to Recreation or Buffer Areas shall have a maximum height of 8' measured from the finished grade
LAXN-PDF-44	Aesthetics	Solid fences or walls shall be designed with both sides articulated with similar or complementary materials and colors as the primary buildings on site
LAXN-PDF-46	Aesthetics	Walls designed to screen utilitarian equipment shall be a 6' in height, measured from finish grade
LAXN-PDF-52	Geology and Soils	Site-specific geotechnical investigation and reports shall be submitted to the Grading Division of the LADBS for review
LAXN-PDF-53	Geology and Soils	The proposed use of on-site materials for surcharging and backfilling will help reduce the import and export requirements of the proposed Project
LAXN-PDF-54	Geology and Soils	The proposed Project would be compliant with recommendations for grading guidelines, foundation design, retaining wall design, temporary excavations, slabs on grade, site drainage, design review, construction monitoring, and geotechnical testing to the satisfaction of the LADBS

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-59	Geology and Soils	The grading concept ensures new buildings will comply with applicable FAA height restrictions and orient the LAX Northside project to Westchester Parkway while buffering the existing neighborhoods to the north
LAXN-PDF-60	Geology and Soils	The grading concept will better link future development to recreational opportunities along Westchester Parkway and lower the grade of development of the proposed Project relative to existing residential neighborhoods to the north.
LAXN-PDF-61	Aesthetics; Hydrology and Water Quality; Land Use	Grading strategies and landscape berms will be preserved and will work to limit the visual presence of the LAX Airport Support District from the view of neighbors north of Westchester Pkwy. Additional grading may be introduced to enhance landscape berms.
LAXN-PDF-63	Geology and Soils	With regard to seismic considerations, all construction for the proposed Project would conform to the requirements of the LAMC Building Code, and the most recent UBC, including the provisions related to seismic safety.
LAXN-PDF-64	Geology and Soils	Seismic design for structures and foundations will comply with the most current seismic building code standards for site-specific soil conditions.
LAXN-PDF-65	Hazards and Hazardous Materials	If any construction activities would meet the thresholds set in FAR 77 Sec. 9, the proposed Project would be required to notify the FAA
LAXN-PDF-66	Aesthetics	Building heights in Area 4 are limited to 30’
LAXN-PDF-67	Aesthetics	Building heights and locations are restricted to preserve views of visual resources to the maximum extent feasible
LAXN-PDF-68	Hydrology and Water Quality	The project would tie into existing drainage infrastructure and would continue to drain to the Argo Basin as under existing conditions.
LAXN-PDF-69	Hydrology and Water Quality	All areas would integrate LID best practices

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-70	Hydrology and Water Quality	Stormwater Management strategies and design features incorporated into the proposed Project design
LAXN-PDF-71	Hydrology and Water Quality	Site development will comply with all applicable LARWQCB, City of Los Angeles, and County of Los Angeles water quality regulations
LAXN-PDF-72	Hydrology and Water Quality	Natural drainage systems will be used to the maximum extent feasible
LAXN-PDF-73	Hydrology and Water Quality	Impervious areas will be minimized to the maximum extent feasible
LAXN-PDF-74	Hydrology and Water Quality	Non-structural BMPs will be used unless they are infeasible
LAXN-PDF-75	Hydrology and Water Quality	Stormwater will be pre-treated prior to infiltration or discharge from the site
LAXN-PDF-76	Hydrology and Water Quality	Landscaping in surface parking lots is required to be compatible with sustainable water management systems and is guaranteed to capably manage stormwater, such as via bioswales.
LAXN-PDF-77	Hydrology and Water Quality	Surface parking would incorporate stormwater management and water quality measures, such as permeable paving and bioswales
LAXN-PDF-78	Hydrology and Water Quality	Parking stalls would be paved with permeable pavers or porous paving materials. Drive aisles and primary and secondary entrance roadways would not be required to be permeable or porous.
LAXN-PDF-81	Hydrology and Water Quality	Appropriate erosion control and drainage devices will be incorporated to the satisfaction of the LADBS

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-83	Hydrology and Water Quality	Parking areas to be designed to mitigate stormwater through planters, bioswales, and other catchment areas are designed to capture stormwater runoff.
LAXN-PDF-89	Land Use	The permitted land use categories for each type of proposed land use shall comply with the proposed LAX Northside Design Guidelines and Standards
LAXN-PDF-91	Land Use	Land uses are permitted in those areas shown on the LAX Northside Design Guidelines and Standards Land Use Plan Map
LAXN-PDF-93	Land Use	Proposed land uses are designed to be compatible with neighboring airport uses and to provide a buffer between existing residences and airfield activity
LAXN-PDF-83	Hydrology and Water Quality	Parking areas to be designed to mitigate stormwater through planters, bioswales, and other catchment areas are designed to capture stormwater runoff.
LAXN-PDF-96	Aesthetics; Land Use	Buildings are prohibited within the Limited Development Area
LAXN-PDF-97	Land Use	No materials, supplies or equipment, including trucks or other motor vehicles (excluding company vehicles for passenger use) shall be stored on-site unless located inside a closed building or screened from public view
LAXN-PDF-99	Hydrology and Water Quality	The planting palette will consist of a hybrid mix of 40% non-native and 60% native plants
LAXN-PDF-100	Hydrology and Water Quality	The project would use rotating sprinkler nozzles for landscape irrigation, would use weather based irrigation control, and would implement at least 30 % native California plants in landscaping
LAXN-PDF-101	Aesthetics	A 6’ planting strip shall be located adjacent to walls and fences and shall include plants identified in the LAX Northside Design Guidelines and Standards

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-102	Aesthetics	Where a wall or fence is located adjacent to a public right-of-way, a min 6’ landscaped setback shall be provided
LAXN-PDF-104	Aesthetics	Parking areas are required to be landscaped with 1 tree per every 4 parking spaces
LAXN-PDF-105	Aesthetics	All areas not used for parking, loading, or pedestrian connectivity are also required to be landscaped
LAXN-PDF-106	Aesthetics	Landscape design would put an emphasis on enhanced streetscapes and pedestrian experiences and safety
LAXN-PDF-107	Aesthetics	The palette will primarily be evergreen and native, allowing a consistent visual appeal year round, in addition to being drought-tolerant and non-invasive
LAX-PDF-108	Biotic Communities / Endangered and Threatened Species	Required landscaping at the LAX Northside is designed to create a sustainable and functional urban landscape that prevents any unnecessary impact on adjacent uses
LAX-PDF-109	Biotic Communities / Endangered and Threatened Species	The proposed LAX Northside Design Guidelines and Standards requires landscaping that unifies the project site
LAX-PDF-110	Biotic Communities / Endangered and Threatened Species	The landscape palette requires native, drought-tolerant, and locally-native plants. Introduction of these species into the LAX Northside supports the preservation of plant species native to the Southern California region and local habitats
LAXN-PDF-111	Biotic Communities / Endangered and Threatened Species	Casting and spraying of seed for sod installation is prohibited to further reduce the possibility of attracting the presence of flocking birds.

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-112	Biotic Communities / Endangered and Threatened Species	Trees, small trees, and shrubs shall be planted at spacing of two times the full growth radius in order to prevent the development of a thick canopy that could attract birds that would be hazardous to airport operations.
LAXN-PDF-114	Biotic Communities / Endangered and Threatened Species	Existing trees will be preserved when compatible with the proposed Project's landscape material palettes
LAXN-PDF-116	Biotic Communities / Endangered and Threatened Species	Replacement trees that are introduced to replace dying or damaged existing trees along existing airport security fence boundaries are required to be chosen to prevent illegal access to the airfield.
LAXN-PDF-117	Hazardous and Hazardous Materials	Landscaping throughout the project site is designed to create a sustainable and functional urban landscape that prevents any unnecessary impact on adjacent uses.
LAXN-PDF-118	Hazardous and Hazardous Materials	Landscaping is allowed if it is compatible with the operation of aircraft at the adjacent airfield.
LAX-PDF-119	Biotic Communities / Endangered and Threatened Species	Landscaping would not be permitted to promote the proliferation of wildlife that might have an impact on the functioning of the airfield. As such, plant materials are restricted to those that: • Have a sparse to moderately dense foliage growth; • Do not produce fruits or seeds; and/or • Do not require extensive maintenance to maintain appropriate foliage.
LAXN-PDF-120	Geology and Soils	The landscape zones defined in the proposed LAX Northside Design Guidelines and Standards control allowable plant materials to ensure appropriate locations
LAXN-PDF-121	Hydrology and Water Quality	Natural vegetation and native and/or drought tolerant plants will be planted in parking lot islands and other landscaped areas where feasible

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-122	Land Use	Any portion of the parking area not used for parking, loading, drive aisles, or pedestrian connectivity would be landscaped
LAXN-PDF-124	Utilities	Drought-tolerant plants that require moderate to limited maintenance are required in certain areas
LAXN-PDF-125	Utilities	Landscaped buffers, landscaped setbacks, and recreational areas are required to have only drought-tolerant plants.
LAXN-PDF-126	Utilities	The landscaping is required to be: • 50% non-native and 50% native in the landscape setback zone • 70% non-native and 30% native in the paseo and streetscape zone • 80% native and 20% non-native in the airport support zone • 100% locally-native, drought-tolerant in the buffer zone • 80% native and 20% non-native in the recreation zone • 40% non-native and 60% native in parking and development zones
LAXN-PDF-127	Aesthetics	Lighting shall be designed to provide ambiance, safety, and security without unnecessary spillover or glare
LAXN-PDF-128	Aesthetics	Indirect wall lighting or “wall washing” and overhead down lighting may be used to help reduce light trespass into adjacent properties
LAXN-PDF-129	Aesthetics	Spotlighting or glare from any site lighting shall be shielded from adjacent properties and directed at a specific object or target area
LAXN-PDF-130	Aesthetics	Exposed bulbs shall not be used.

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-131	Aesthetics	Building light fixtures shall be designed or selected to be architecturally compatible with the main structure
LAXN-PDF-132	Aesthetics	Lighting mounted above 10’ from finish grade shall incorporate a full cut-off shield fixture
LAXN-PDF-133	Aesthetics	When security lighting is necessary, it shall be recessed, hooded, and located to illuminate only the intended area
LAXN-PDF-134	Aesthetics	Glare or light trespass is prohibited on any adjacent streets, or within any adjacent properties
LAXN-PDF-135	Aesthetics	Service area lighting shall be contained within the service yard boundaries and enclosure walls
LAXN-PDF-136	Aesthetics	No light spillover shall occur outside the service area
LAXN-PDF-137	Aesthetics	Lighting is required to be shielded so that the source of lighting is not visible at the property line
LAXN-PDF-138	Aesthetics	The parking lot illumination level shall achieve a uniformity ratio of 3 to 1 (average to minimum) with a maintained average of 1 foot candle and minimum of 0.3 foot candle
LAXN-PDF-139	Hazards and Hazardous Materials	Lighting for buildings will be designed to prevent disruption of the function of the airfield.

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-141	Noise	The following buffer areas and setbacks apply to the LAX Northside Airport Support District: ▪ Area 4: • 50 feet South Pershing Drive/Westchester Parkway • 20 feet Southern edge • 25 feet Northside Parkway
LAXN-PDF-142	Noise	The Project site will be graded and/or developed so that sound propagating towards existing residential areas to the north will be attenuated.
LAXN-PDF-144	Noise	HVAC units will be shielded with parapets to minimize noise. Where feasible, HVAC and rooftop equipment with a limited noise profile shall be selected and installed.
LAXN-PDF-147	Noise	Roof mounted equipment shall be screened at a maximum of 6’ in height, measured from finish grade, which will buffer associated noise.
LAXN-PDF-152	Hydrology and Water Quality	Subterranean parking is permitted in the LAX Northside Airport Support District but is not anticipated to occur given the lower intensity of development of this district.
LAXN-PDF-153	Land Use	Required parking spaces shall conform to standards set forth in the provisions of LAMC Section 12.21.A.4.
LAXN-PDF-166	Public Services	The proposed Project would be required to provide design features consistent with the Fire Protection Regulations established within the LAMC.
LAXN-PDF-167	Public Services	The proposed Project would be required to provide design features consistent with the Police Protection Regulations established within the LAMC as well as appropriate design features recommended as part of compliance with LAX Master Plan Commitment LE-2.

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-187	Aesthetics	Buildings in Area 4 are required to be set back: • 15 feet from Northside Parkway; • 20 feet from the southern edge of the Area; and • 50 feet from South Pershing Drive and Westchester Parkway
LAXN-PDF-194	Aesthetics	Signs are limited to a maximum of two signs on two elevations and may not project above the top of buildings
LAXN-PDF-195	Aesthetics	Signs are prohibited from being visible from residential areas and shall be located on building frontages
LAXN-PDF-196	Aesthetics	Signs can be internally illuminated only to a maximum of 2 foot candles above ambient levels
LAXN-PDF-197	Aesthetics	Exposed light sources (neon or incandescent) are prohibited (in signs)
LAXN-PDF-198	Aesthetics	Signs shall not overlap architectural features on a building
LAXn-PDF-199	Aesthetics	Tenant signs are not allowed to project above buildings in the manner of billboards
LAXN-PDF-196	Aesthetics	Signs can be internally illuminated only to a maximum of 2 foot candles above ambient levels
LAXN-PDF- 200	Aesthetics	Signs employing animated components, moving/flashing or blinking lights, exposed raceways, exposed ballast boxes or transformers, unedged or uncapped plastic letters or letters with no returns and exposed fastenings, luminous-vacuum formed type plastic letters, sandblasted wood type construction are prohibited

Appendix D – Project Design Features Completed Prior to 2021 (cont.)
Receiving Station X (RS-X)

Measure ID	Resource Category	Overview
LAXN-PDF-207	Land Use	The proposed Project supports sustainability practices that include meeting the requirements of the City of Los Angeles CALGreen program, meeting LEED standards, and adhering to the LAWA Sustainability Guidelines
LAXN-PDF-208	Utilities	Compliance with Ordinance No. 181,480 of the Los Angeles Municipal Code for high efficiency toilets and water-conserving fixtures (water closets, urinals) or utilizing non-potable water systems
LAXN-PDF-209	Utilities	Compliance with Ordinance No. 181,480 of the Los Angeles Municipal Code for: plumbing fixtures and fixture fittings; faucets; providing separate meters or submeters for indoor and outdoor potable water use; and having irrigation controllers and sensors
LAXN-PDF-210	Utilities	Compliance with the City's Water Efficiency Requirements Ordinance (Ordinance No.180,822)
LAXN-PDF-211	Utilities	Energy efficient lighting is required
LAX-PDF-212	Aesthetics	Compliance with Los Angeles Green Building Code (LAGBC) Tier 1 including Section A5.203.1.1
LAX-PDF-213	Aesthetics	Compliance with Los Angeles Green Building Code (LAGBC) Tier 1 requirements including Sections A5.203.1.1 and A5.303.2.3.1
LAXN-PDF-214	Utilities	All building projects with an LADBS permit-valuation over $200,000 shall achieve LAGBC Tier-1 conformance
LAXN-PDF-216	Surface Transportation/ Traffic	Grading schedules for the proposed Project Areas requiring export and those requiring import will coincide, when feasible, in order to minimize haul trips to off-site disposal areas.