



Presented to:
**South Coast Air Quality Management District
Mobile Source Committee**

MOU Progress Report January 2021

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Bi-Annual Report Requirement

Requested by Governing Board during MOU approval – bi-annual reports provided first year after approval; thereafter provided on an annual basis only

Bi-annual Report summarizes:

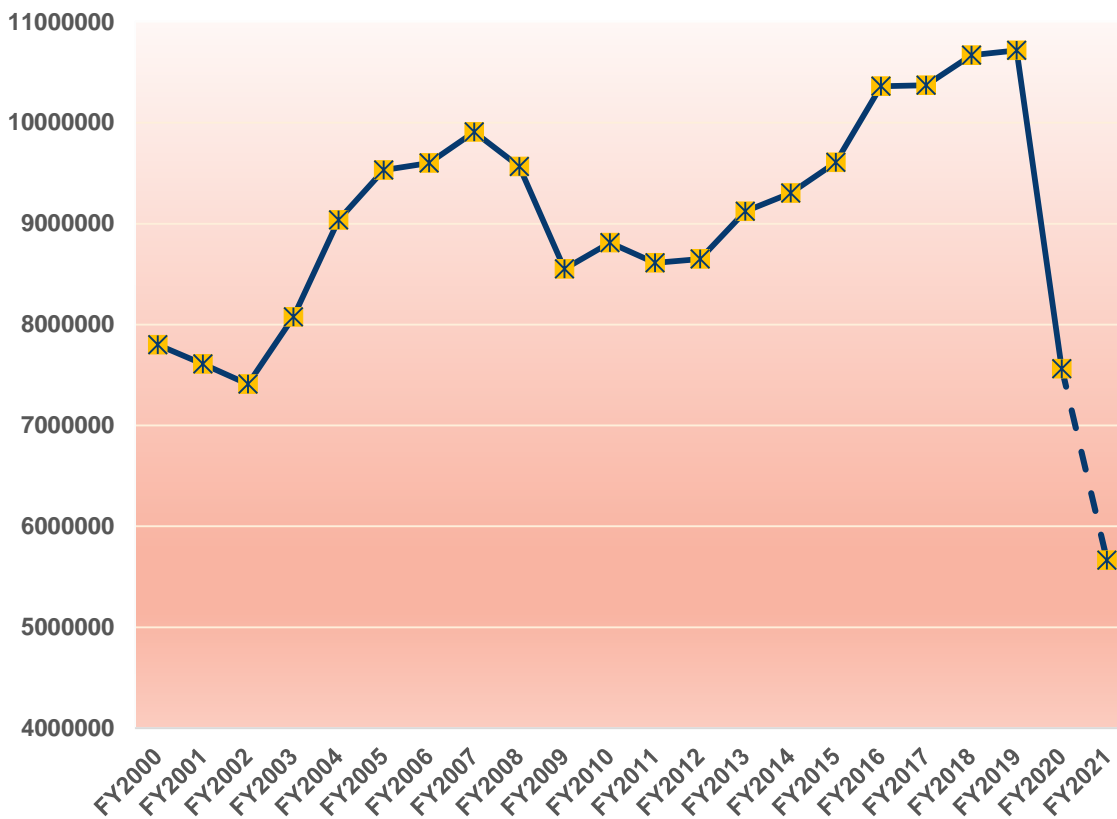
- Progress made
- Demonstrated commitment to MOU

Bi-Annual Reports provided:

- June 2020
- December 2020

COVID-19 FINANCIAL IMPACT

Fiscal Years 2000 - 2021 Passengers



- April 2020 passenger throughput was 97% lower than April 2019
- JWA expects passenger throughput to end up ~50% lower than previous fiscal year (FY)
- JWA lost \$22.6M in FY2020 and is expecting to lose \$21M in FY2021

JWA MOU Measures

MOU Schedule No. 1 – Ground Support Equipment (GSE)

January 1, 2023 – Achieve airport GSE fleet-wide average
 $\text{NOx} \leq 1.7\text{g/bhp-hr}$

January 1, 2031 – Achieve airport GSE fleet-wide average
 $\text{NOx} \leq 0.9\text{ g/bhp-hr}$

Actions

- ✓ Included GSE requirements in new airline leases approved in November 2020
- ✓ Expect to receive airline GSE plans in the Spring of 2021
- ✓ Assessing GSE charging infrastructure
 - ✓ Currently installed at all commercial jet bridge gates
 - ✓ Evaluating additional needs



GSE idled due to pandemic reductions in flight operations

JWA MOU Measures

MOU Schedule No. 2 – Jet Fuel

January 1, 2023 - Eliminate routine commercial jet fuel delivery by tanker trucks

Actions:

- ✓ Pipeline became operational in October 2019
- ✓ Established a fuel delivery log and tracking system with the service companies
- ✓ As of August 2020, fuel delivery for flights except one small commercial operation, was via the pipeline
- ✓ Effective January 1, 2021, regular fuel delivery for commercial flights is expected to be via the pipeline



Pipeline and additional 3M gallons storage capacity became operational October 2019

JWA MOU Measures MOU Schedule No. 3 – Shuttle Bus

January 1, 2023 – Replace 50% of airport remote parking shuttles with battery-electric shuttles

January 1, 2031 – Replace 80% of airport remote parking shuttles with battery-electric shuttles

Actions:

- ✓ Identified charging and infrastructure needs
- ✓ Signed a purchase contract for the first three of potentially twelve electric buses and chargers
- ✓ Submitted two applications for FAA ZEV Grant Funding
 - ✓ First denied
 - ✓ Second?



Currently no airport shuttles are operating; all parking is at the local Terminal parking lots

For more information:

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