



04/11/2024

TO:

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Contract Number: MSRC21013

Project Title: final report for the forty 4 Gen Logistics LLC Volvo VNR ZE Trucks

Contractor Organization: 4 Gen Logistic LLC

Date: April 11, 2024

Prepared for the Mobile Source Air Pollution Review Committee (MSRC) under the AB 2766 Discretionary Fund Work Program.

### **Acknowledgments**

The contractor would like to express deep gratitude to Cynthia Ravenstein and all key MSRC and 4 Gen Logistics personnel and organizations associated with the project. This report, submitted in fulfillment of contract number MSRC21013 and project title FINAL REPORT for the 40 4 Gen Volvo VNR ZE Trucks by 4 Gen Logistic LLC, was made possible through the invaluable support and partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of April 10, 2024, a testament to our collective commitment to sustainability within the transportation sector.

### **Disclaimer**

The statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or the South Coast Air Quality Management District (South Coast AQMD). The mention of commercial products, their sources, or their uses in connection with material reported is not to be construed as either an actual or implied endorsement of such products.

### **Project Description & Work Performed**

The project entailed the procurement and deployment of 40 Class 8 VNRE62T GEN2 Volvo drayage trucks aimed at enhancing sustainability within the transportation sector. An order was placed in July 2022, with delivery expected between the fourth quarter of 2023 and the first quarter of 2024, subject to OEM production delays. Additionally, infrastructure development for charging stations commenced in May 2023, with completion scheduled for the fourth quarter of 2023 in Rialto. Weekly meetings ensured coordination among stakeholders to facilitate smooth truck delivery.

## **Problems Encountered**

Undoubtedly, delays in OEM production and construction of charging stations posed significant challenges to our project timelines. However, our team demonstrated remarkable resilience and proactive problem-solving skills, ensuring the eventual successful deployment of the trucks. This is a testament to our unwavering commitment to the project's objectives and our ability to overcome obstacles.

## **Emissions Benefits**

While the benefits proposed are yet to be fully realized due to delays, the project anticipates significant reductions in emissions once the trucks are in service. Quantification of emissions benefits will be provided upon completion of the project.

## **Photographs & Outreach**

Photographs showcasing project milestones, including the deployment of MSRC-funded vehicles, are included in this report. Additionally, media outreach materials and news clippings generated by the project are provided.

## **Summary and Conclusions**

Despite challenges posed by OEM production delays and construction setbacks, progress has been made towards the deployment of 40 4 Gen Volvo VNR ZE Trucks. The project remains on track to achieve its emissions reduction objectives, with further advancements expected in the next reporting period. Recommendations for improving future project execution include enhanced collaboration with stakeholders and proactive resolution of logistical challenges.

## **Attachment A**

Contract No. AB 2766/MS21013

Contract Period: March 27, 2022, through April 10, 2024

**Task 1 Vehicle Procurement/Design and Engineering:** An order for 40 Class 8 VNRE62T GEN2 Volvo drayage trucks was placed in July 2022. Delivery took place from the fourth quarter of 2023 through the second quarter of 2024.

**Task 2 Infrastructure Process:** Permits for charging stations were obtained, with phase one construction completed in Rialto and phase one construction underway in Long Beach. Phase one completion is anticipated by the end of the second quarter of 2024.

**Task 3 Pre-Production Meetings:** Weekly meetings ensure coordination for smooth truck delivery. Confirm delivery schedules of 40 Volvo ZE trucks. Address performance and delivery issues with charging equipment. Continue collaboration with stakeholders to expedite project completion.

Thank you,



David Duncan, Owner