



2024 Amended Green Fleet Plan & Replacement Schedule

Amended Green Fleet Plan

The Amended Green Fleet Plan outlines a proposed vehicle replacement schedule to ensure compliance with California Air Resources Board's (CARB) Advanced Clean Fleet Regulations (ACFR) by the deadlines established under the Zero-Emission Vehicle (ZEV) Milestones Option. The proposed replacement schedule is less stringent than the replacement schedule from the 2021 Green Fleet Plan, which outlined a schedule to replace all vehicles with zero emission vehicles and renewable diesel by 2030. Vehicles affected by ACFR are marked in green. This document is intended to be fluid and allow for modifications as more types of vehicles are developed and more vehicle usage data for the current fleet is evaluated. Some vehicles currently have a two or three-year timeline highlighted for replacement, requiring closer evaluation as those fiscal years approach. As more vehicle usage data is available and those years get closer, staff will be able to make more accurate recommendations. Each fiscal year has a new proposed total at the bottom of each column that is subject to change based on actual future vehicle replacements. All costs are presented in 2024 dollars, including a three percent annual inflation adjustment. At this time, the cost to replace the entire fleet by fiscal year 2039 will be \$12,475,615.00.

Column Heading(s)	Description
Number	Asset tracking number assigned to vehicle by staff
Vehicle Description	Make/Model of the current vehicle: This column is from Green Fleet Plan adopted in 2021
Vehicle Use	This indicates the work group & function of the vehicle
Replacement Status	Status of whether the vehicle has been replaced, delayed or currently on order
Replacement Vehicle Number	New asset tracking number for the replaced vehicle
Replacement Vehicle	Make/Model of the new vehicle
FY21/22 – FY38/39	Recommended fiscal years for vehicle replacement. Cells marked with an * indicate the intended replacement year from the original Green Fleet Plan

The replacement schedule uses three color codes to indicate the recommended vehicle types based on current ACFR and the Authority's needs:

- **Orange:** Replacement with renewable diesel vehicles
- **Red:** Replacement with ZEV's in accordance with CARB regulations
- **Blue:** Replacement with gasoline or hybrid options
- **Light Blue:** Light duty vehicles that do not fall under ACFR
- **Gold:** Heavy equipment and trailers that do not fall under ACFR

Fleet Optimization Study

A Fleet Optimization Study may influence the replacement schedule for CARB-compliant vehicles. There is potential for the data to reveal opportunities to downsize current Class 2b vehicles to light-duty options. Once findings are accepted by the Board, it will most likely amend the replacement schedule of the Amended Green Fleet Plan presented within.

Based on findings from the Fleet Optimization Study, staff will provide annual recommendations for vehicle replacements. Vehicles assigned to each workgroup are designated according to their intended use, with any changes evaluated on a case-by-case basis to ensure that staff can perform their duties safely and efficiently.

Asset Number	Vehicle Description	Vehicle Use	Replacement Status	Replacement Vehicle Number	Replacment Vehicle	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	FY32/33	FY33/34	FY34/35	FY35/36	FY36/37	FY37/38	FY38/39
12-13	Ford F250	Operations Foreman's truck	Delayed. Vehicle still meets Authority needs				*		\$62,600.00														
13-26	Ford F250	Customer service Utility Truck	Delayed. Vehicle still meets Authority needs					*	\$62,600.00														
12-44	Ford F450	Operations 2.5 Yrd. Dump Truck	Delayed. Vehicle still meets Authority needs					*	\$93,200.00									\$122,000.00					
02-29	Sterling SC7000	Operations Crew Truck	On hold				*		\$204,000.00									\$304,000.00					
09-69	Ford F750	Operations 5 Yrd. Dump Truck	On hold				*		\$155,000.00												\$208,000.00		
12-50	Ford F250 4x4	Water Quality Maintenance truck	Delayed. Vehicle still meets Authority needs				*			\$65,000.00													
18-12	Ford F250	Operations Foreman's truck								\$64,500.00													
L14-27	Ford F250 4x4	Engineering/ Caretaker truck								\$64,020.00													
12-47	Freightliner M2	Operations 5 Yrd. Dump Truck	Delayed. Vehicle still meets Authority needs					*		\$160,000.00												\$215,000.00	
11-57	Freightliner M2	Operations 5 Yrd. Dump Truck	Delayed. Vehicle still meets Authority needs					*		\$160,000.00												\$222,000.00	
06-24	Ford F350	Garage Utility Truck	Delayed. Vehicle still meets Authority needs					*		\$88,000.00													
13-14	Ford F650	Operations Crew Truck																	\$115,600.00				
L15-33	Ford F250	Customer service Utility Truck									\$215,000.00												
L16-62	Ford F250	Customer service Utility Truck									\$66,000.00												
18-39	Ford F350 4x4	Engineering/ Caretaker flatbed truck									\$90,000.00												
L14-31	Ford F450 2.5 Yrd. Dump Truck	Operations 2.5 Yrd. Dump Truck									\$92,000.00								\$120,000.00				
L14-32	Ford F450 2.5 Yrd. Dump Truck	Operations 2.5 Yrd. Dump Truck									\$102,000.00												
18-80	Ford F250	System operators Utility Truck									\$102,000.00												
L16-08	Ford Ford F250	Customer service Utility Truck									\$93,000.00										\$118,000.00		
L16-21	Ford F250	Operations Flatbed Truck Valve																					
18-42	Ford F250	Customer service Utility Truck																					
18-38	Ford F250	Customer service Utility Truck																					
18-28	International HX620	Operations 10 Yrd. Dump Truck																					
13-37	Ford F750	Trench plate truck																					
14-30	Ford F650	Operations Crew Truck																					
18-04	Ford F350	Customer service Utility Truck																					
18-52	International 4400	Engineering/ Caretaker 4 Yrd Dump Truck																					
07-36	Ford F250	Operations Foreman's truck	Replaced	22-36	Ford F250	*																	
09-48	Ford F350	Operations Flatbed Truck (Valve/FH Maint)	On order			*																	
09-58	Ford F350	Operations Flatbed Truck (Valve/FH Maint)	On order					*															
12-63	Ford F250 4x4	Engineering/ Caretaker flatbed truck	Replaced	22-63	Ford F250 4x4 Flatbed	*																	
16-11	Ford F650	Operations Crew Truck																					
22-76	Ford F250 4x4	Engineering/ Caretaker Utility truck	Purchased			*																	
07-05	Ford F250	Operations Foreman's truck	Replaced	22-05	Ford F150 Lightning class 2a	*																	
08-15	Ford F250	Operations locators truck	Replaced	23-15	Ford F150 Lightning class 2a	*																	
12-16	Ford F250 4x4	Engineering/ Caretaker Utility truck	On order			*																	
16-35	Ford F350	Operations Flatbed Truck (Welder)																					
17-10	International 4300	Operations Crew Truck																					
07-51	Ford F150	Water Quality Maintenance truck	Replaced	23-51	Ford F150 Lightning class 2a		*																
10-09	Ford F250	Customert service Utility Truck	Replaced	23-09	Chevrolet Bolt EUV		*																
10-07	Ford F350	System operators Utility Truck	On order				*																
11-25	Ford F450 2.5 Yrd. Dump Truck	Operations 2.5 Yrd. Dump Truck	On order					*															
17-74	Ford F-350	Operations traffic control truck																					
09-55	Ford F350	Chipper truck		23-55	Ford F150 Lightning class 2a	*																	
10-19	Ford F350	System operators Utility Truck	On order			*																	
06-75	Sterling LT7501	Hydro-excavation/ vacuum truck	Replaced	22-75	International HV607	*																	
03-34	Sterling LT9500	Operations 10 Yrd. Dump Truck	On order			*																	
12-59	Ford F250 Flatbed	Finance warehouse truck	On order					*															
18-20	Ford F350	System operators Utility Truck																					
23-79	Freightliner M2	Distribution system flushing truck																					
11-06	Ford F250	Engineering inspectors truck	Replaced	23-06	Chevrolet Bolt EUV		*																
06-12	Ford F350	Standby Utility Truck	Will be sold at auction	18-12	Ford F250																		
09-38	Ford F250	Standby Utility Truck	Will be sold at auction	18-38	Ford F250 Utility																		
08-61	Chevrolet Colorado	Engineering Enviromentalists truck	Delayed. Board wanted to consider non electric alternative				*		\$41,320.00														
10-64	Ford Escape Hybrid	Facilities maintenance	Delayed. Board wanted to consider non electric alternative				*		\$38,500.00														
11-41	Ford F150 4X4	Water Quality Maintenance truck	Delayed. Vehicle still meets Authority needs				*		\$38,500.00														
L14-17	Ford F150 crew cab 4x4	Engineering/ Caretaker truck							\$68,675.00														
08-73	Ford Escape Hybrid	Public affairs vehicle	Delayed. Vehicle still meets Authority needs				*			\$39,000.00													
10-18	Ford Escape Hybrid	Water Quality pool vehicle	Delayed. Vehicle still meets Authority needs				*			\$39,000.00													
12-68	Ford Escape Hybrid	Water Quality Chief System Operators vehicle	Delayed. Vehicle still meets Authority needs			*				\$39,000.00													
13-22	Ford Fuslon	Operations pool vehicle	Delayed. Vehicle still meets Authority needs					*		\$39,000.00													
13-71	GMC Sierra 1500	Admin services cross connection truck	Delayed. Vehicle still meets Authority needs				*			\$71,000.00													
L14-43	Ford F150 extra cab	Engineering inspectors truck								\$71,000.00													
L14-46	Ford F150 extra cab	Engineering inspectors truck								\$71,000.00													
L14-23	Ford Escape	Water Quality lab vehicle									\$40,000.00												
L15-03	Ford Escape	Operations manager vehicle									\$40,000.00												
L15-45	Ford Escape	Admin services programs managers vehicle									\$40,000.00												
L15-49	Ford Escape	Water Quality pool vehicle									\$40,000.00												
L15-53	Ford Escape	Customer service vehicle									\$40,000.00												
L15-65	Ford Escape	Water Quality pool vehicle									\$40,000.00												
L14-66	Ford F150	Admin services cross connection truck																					
L15-56	Ford Escape	Operations pool vehicle																					
L16-67	Ford Transit Connect	Finance/ IS support specialist van																					
06-54	Ford Explorer 4x4	Engineering Technician vehicle	Replaced	23-54	Ford F150 Lightning class 2a	*																	
06-72	Ford Taurus Sedan	Engineering Pool vehicle	Replaced	22-72	Chevrolet Bolt EV	*																	
11-60	Ford Escape Hybrid	Admin services safety/risk vehicle	Replaced	23-60	Ford F150 Lightning class 2a	*																	
10-02	Ford Escape Hybrid	Operations manager vehicle	On order				*																
E01-59	Case 521D	Operations Wheel loader	Delayed. In Green Fleet Plan not presented for replacement				*		\$184,000.00														
E10-54	Bobcat T180	Engineering Compact Track Loader	Replaced	E23-54	John Deere 333G	*													\$136,000.00				

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