

Staff Report

TO: Board of Directors

FROM: Chip Close, Director of Water Operations

DATE: March 27, 2024

SUBJECT: Purchase of Replacement Pickup Trucks (Consent)

WATER OPERATIONS

RECOMMENDATION:

Approve the purchase of four 2024 Toyota Tacoma pickup trucks at a price not to exceed \$192,000 as authorized in the 2024 Water Capital Budget.

BACKGROUND:

The Water Operations Department utilizes 46 vehicles as part of its daily routine to provide water to District customers. These vehicles have a limited-service life and periodically require replacement. As part of the annual budgeting process, Water Operations consults with the District’s Fleet Department to determine which vehicles are recommended for replacement. Recommendations are typically based on vehicle age, mileage, and repair history.

This year’s Operations Capital Budget included funding for the replacement of four half-ton pickup trucks as recommended by Fleet. Two vehicles, 10690 and 10692, met the criteria for replacement during the annual budgeting process, as indicated in the attached budget justification. The other two vehicles, 10722 and 10801, scored “good” on the justification forms but were requested for replacement in anticipation of reaching the mileage threshold by the time a replacement vehicle was procured. The table below provides the details on the vehicles slated to be replaced.

Year and Model	NID #	Current Mileage	Anticipated Mileage @ Replacement
2016 Ford F-150	10690	139,788	150,000
2015 Ford F-150	10692	154,095	165,000
2015 Ford F-150	10722	150,906	160,000
2017 Ford F-150	10801	135,630	145,000

Staff recommends replacing these vehicles with 2024 Toyota Tacoma's. The Tacoma offers a smaller and lighter package compared to the previously purchased half-ton vehicles. The smaller size will provide better access to narrow canal berms and save on fuel consumption. Additionally, the price for the Tacoma is lower than that of a similarly equipped half-ton pickup, as demonstrated in the table below:

Year/ Make/ Model	Vehicle Cost	Taxes & Fees	Total Cost
2024 Toyota Tacoma	\$ 34,399.00	\$ 3,500.84	\$ 37,899.84
2024 Chevy Colorado	\$ 36,405.00	\$ 3,195.40	\$ 39,600.40
2024 Ford F-150	\$ 44,228.00	\$ 2,989.55	\$ 47,217.55

BUDGETARY IMPACT:

The 2024 Water Operations Fund 15 Budget includes \$192,000 for vehicle replacement. The total purchase price of four Toyota Tacoma's is estimated at \$151,599.36, thus providing a savings of \$40,400.64.

Attachments (2):

- 2024 CIP Budget Justification
- Freeway Toyota Quote

Vehicle 10690 Replacement

Purpose: Vehicle #10690 has been recommended for replacement by the Districts fleet mechanics.

Solution: Truck #10690 is a 2016 Ford F150 4x4 with 131,624 miles. Based upon historic usage, this vehicle is expected to have over 150,000 miles by the end of 2024.

Priority Score: 61 Basis for Priority: this vehicle is of high priority as it is utilized for daily treated water operations and emergency response.

Budget: The 2024 budget includes \$48,000 for replacement of this vehicle.



Factors:	Points
Age	1 point for each year of service.
Miles/hrs.	1 point/15,000 miles or 1 point/500 hours
Service type	1 point for light duty, up to 5 points for severe service.
Reliability	1-5 points for frequency of repairs needed. 1 point for 1 repair/6 months, 5 points for 1 or more repairs/month
Lifetime repair costs	1-5 points based on total maintenance and repair costs 1 point/10% purchase price
Condition and use	1-5 points for overall condition and usefulness

Points Ranges		
under 18	Condition I	Excellent
18 - 27	Condition II	Good
over 27	Condition III	Replacement

Vehicle

Year	Vehicle/Equipment # Description	Miles/Hrs.	Mileage date	Age score	Miles/Hrs score	Service Type	Reliability	Lifetime Repair Cost	Condition And Usefulness	Dept or Division	Eval Score	Service life left
2016	10690 FORD F150	131624	6/14/23	8	9	2	2	3	4	OPS-WT	28	-1

Vehicle 10692 Replacement

Purpose: Vehicle #10692 is recommended for replacement by the District's fleet mechanics.

Solution: Truck 10692 is a 2015 Ford F150 4x4 with 140,154 miles. Based upon historic usage, this vehicle is expected to have over 150,000 miles by mid-year 2024.

Priority Score: 61 Basis for Priority: this vehicle is of high priority as it is utilized for daily water distribution operations and emergency response.

Budget: The 2024 budget includes \$48,000 for replacement of this vehicle.



Factors:	Points
Age	1 point for each year of service.
Miles/hrs.	1 point/15,000 miles or 1 point/500 hours
Service type	1 point for light duty, up to 5 points for severe service.
Reliability	1-5 points for frequency of repairs needed. 1 point for 1 repair/6 months, 5 points for 1 or more repairs/month
Lifetime repair costs	1-5 points based on total maintenance and repair costs 1 point/10% purchase price
Condition and use	1-5 points for overall condition and usefulness

Points Ranges		
under 18	Condition I	Excellent
18 - 27	Condition II	Good
over 27	Condition III	Replacement

Vehicle

Year	Vehicle/Equipment # Description	Miles/Hrs.	Mileage date	Age score	Miles/Hrs score	Service Type	Reliability	Lifetime Repair Cost	Condition And Usefulness	Dept or Division	Eval Score	Service life left
2015	10692 FORD F150	140154	6/14/223	9	9	2	2	3	4	OPS-WDO	29	-2

Vehicle 10722 Replacement

Purpose: Vehicle #10722 is recommended for replacement by the District's fleet mechanics.

Solution: Truck #10722 is a 2016 Ford F150 4x4 with 136,947 miles. Based upon historic usage, this vehicle is expected to have over 150,000 miles by the end of 2024.

Priority Score: 61 Basis for Priority: this vehicle is of high priority as it is utilized for daily water distribution operations and emergency response.

Budget: The 2024 budget includes \$48,000 for replacement of this vehicle.



Factors:	Points
Age	1 point for each year of service.
Miles/hrs.	1 point/15,000 miles or 1 point/500 hours
Service type	1 point for light duty, up to 5 points for severe service.
Reliability	1-5 points for frequency of repairs needed.
	1 point for 1 repair/6 months, 5 points for 1 or more repairs/month
Lifetime repair costs	1-5 points based on total maintenance and repair costs
	1 point/10% purchase price
Condition and use	1-5 points for overall condition and usefulness

Points Ranges		
under 18	Condition I	Excellent
18 - 27	Condition II	Good
over 27	Condition III	Replacement

Vehicle

Year	Vehicle/Equipment # Description	Miles/Hrs.	Mileage date	Age score	Miles/Hrs score	Service Type	Reliability	Lifetime Repair Cost	Condition And Usefulness	Dept or Division	Eval Score	Service life left
2016	10722 FORD F150	136947	6/14/23	8	9	2	1	3	4	OPS-WDO	27	0

Vehicle 10801 Replacement

Purpose: Vehicle #10801 is recommended for replacement by the District's fleet mechanics.

Solution: Truck 10801 is a 2017 Ford F150 4x4 with 124,700 miles. Based upon historic usage, this vehicle is expected to have over 150,000 miles by the end of 2024.

Priority Score: XX Basis for Priority: this vehicle is of high priority as it is utilized for daily water distribution operations and emergency response.

Budget: The 2024 budget includes \$48,000 for replacement of this vehicle.



Factors:	Points
Age	1 point for each year of service.
Miles/hrs.	1 point/15,000 miles or 1 point/500 hours
Service type	1 point for light duty, up to 5 points for severe service.
Reliability	1-5 points for frequency of repairs needed. 1 point for 1 repair/6 months, 5 points for 1 or more repairs/month
Lifetime repair costs	1-5 points based on total maintenance and repair costs 1 point/10% purchase price
Condition and use	1-5 points for overall condition and usefulness

Points Ranges		
under 18	Condition I	Excellent
18 - 27	Condition II	Good
over 27	Condition III	Replacement

Vehicle

Year	Vehicle/Equipment # Description	Miles/Hrs.	Mileage date	Age score	Miles/Hrs score	Service Type	Reliability	Lifetime Repair Cost	Condition And Usefulness	Dept or Division	Eval Score	Service life left
2017	10801 FORD F150	124700	6/14/23	7	8	2	1	3	5	OPS-WDO	26	1



FREEWAY TOYOTA

1835 Glendale Ave
Hanford, CA. 93230

Nevada Irrigation Dist 2/21/2024
1036 W Main St
Grass Valley, CA. 95945
Attn: Troy Texeira

As per your request for CA State Contract #1-22-23-20C Line Item #9

2024 Toyota Tacoma SR AC 4wd (7514)	\$34399.00
DS-Deck Rail System	\$70.00
Doc Fee	\$85.00
8.5% Sales Tax	\$2937.09
CA Tire Tax	\$8.75
Delivery to Grass Valley	\$400.00
Total	\$37,899.84 @ 7 = \$265,298.88

Protect against future mechanical or electrical issues with Toyota Platinum Extra Care \$0 Deductible

5 Years / 100,000 Miles \$1130.00

6 Years / 100,000 Miles \$1450.00

7 Years / 125,000 Miles \$2145.00



Thank you for the opportunity to earn your business.

Patrick G Ireland

Government Fleet Manager