



# SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT

VERSION 3-8-2024

CAPITAL IMPROVEMENT PROGRAM

March 2024

**SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT**

**CAPITAL IMPROVEMENT PROGRAM**

**VERSION 03-2024**

ALL COSTS ARE PRELIMINARY CONCEPTUAL ESTIMATES

DRAFT

DATE BOARD ACCEPTED: \_\_\_\_\_

Selma-Kingsburg-Fowler County Sanitation District  
11301 E. Conejo Avenue  
PO Box 158  
Kingsburg, CA 93631

Prepared by: Veronica Cazares, General Manager

**Selma-Kingsburg-Fowler County Sanitation District**

**Table 1**

<b>Project No.</b>		<b>Fiscal Year</b>	<b>District R&amp;R</b>	<b>District Expansion</b>	<b>Total</b>
1	District Lift Station- D3 North St (2/3 TM, Design, Engineering, CMS, Construction)	2024/25	4,318,860	2,879,240	7,198,100
2	Generator (200AMP)	2024/25	-	157,500	157,500
3	Headworks Transformer Replacement	2024/25	126,000	-	126,000
4	Laboratory R/R (1/2)	2024/25	228,000	152,000	380,000
5	Fleet Replacement Program-V06 Ford F150 Truck (2004)	2024/25	42,000	-	42,000
<b>Subtotal 2024/25</b>			<b>\$ 4,714,860</b>	<b>\$ 3,188,740</b>	<b>\$ 7,903,600</b>
1	Laboratory R/R (2/2)	2025/26	1,032,000	688,000	1,720,000
2	Fleet Replacement Program-V26 Ford F800 Series Crane (1998)	2025/26	157,500	-	157,500
3	Fleet Replacement Program-V20 Ford F150 Super Cab (2014)	2025/26	42,000	-	42,000
4	Fleet Replacement Program- V1 Ford Taurus (2014)	2025/26	42,000	-	42,000
5	WWTP Facilities Plan Update	2025/26	-	350,000	350,000
6	District Lift Station R/R-D2 (1/2 Manning PS, Design, Engineering, CMS, Construction)	2025/26	1,134,480	756,320	1,890,800
7	District Lift Station- D3 North St (3/3 TM, Design, Engineering, CMS, Construction)	2025/26	781,740	521,160	1,302,900
8	One Megawatt WWTP Generator	2025/26	-	520,000	520,000
<b>Subtotal 2025/26</b>			<b>\$ 3,189,720</b>	<b>\$ 2,835,480</b>	<b>\$ 6,025,200</b>
1	Aerobic Digester No.1 R/R	2026/27	630,000	-	630,000
2	Rehabilitate Screwlifts 1 & 2	2026/27	120,750	-	120,750
3	Clarkson Sewer Improvement Project-(CCTV, Clean, Assess)	2026/27	420,000	-	420,000
4	District Lift Station R/R-D2 (2/2 Manning PS, Design, Engineering, CMS, Construction)	2026/27	1,701,720	1,134,480	2,836,200
<b>Subtotal 2026/27</b>			<b>\$ 2,872,470</b>	<b>\$ 1,134,480</b>	<b>\$ 4,006,950</b>
1	Fleet Replacement Program- V4 Ford 150 XL (2018)	2027/28	42,000	-	42,000
2	Fleet Replacement - V7 Ford F150 XL (2018)	2027/28	42,000	-	42,000
3	Fleet Replacement-E38 CAT Backhoe Loader (1998)	2027/28	225,000	-	225,000
4	District Lift Station R/R-D1 (1/2 Merced PS)	2027/28	836,015	278,671	1,114,686
5	Replace WWTP SCADA Hardware/Upgrade Software	2027/28	250,000	-	250,000
6	Replace Flex Rake Barscreens	2027/28	618,450	-	618,450
7	Aerobic Digester 4 Spencer Blower Replacement	2027/28	824,250	-	824,250
<b>Subtotal 2027/28</b>			<b>\$ 2,837,715</b>	<b>\$ 278,671</b>	<b>\$ 3,116,386</b>
1	Replace 6" Gorman Rupp Trailer Mounted Trash Pump	2028/29	52,500	-	52,500
2	District Interceptors Evaluation	2028/29	840,000	-	840,000
3	District Lift Station R/R-D1 (2/2 Merced PS)	2028/29	1,470,234	490,078	1,960,312
4	Aerobic Digester No.2 R/R	2028/29	630,000	-	630,000
<b>Subtotal 2028/29</b>			<b>\$ 2,992,734</b>	<b>\$ 490,078</b>	<b>\$ 3,482,812</b>
1	District Interceptors Evaluation	2029/30	840,000	-	840,000
2	Clarkson Sewer Improvement Project (1/2-Construct)	2029/30	3,517,500	-	3,517,500
3	Fleet Replacement Program-V10 (Ford F150 2020)	2029/30	42,000	-	42,000
<b>Subtotal 2029/30</b>			<b>\$ 4,399,500</b>	<b>\$ -</b>	<b>\$ 4,357,500</b>
1	District Interceptors Evaluation	2030/31	840,000	-	840,000
2	Recycle Water Feasibility Study	2030/31	-	78,750	78,750
3	Clarkson Sewer Improvement Project (2/2-Construct)	2030/31	3,517,500	-	3,517,500
4	Screw Press Phase 1	2030/31	2,000,000	2,000,000	4,000,000
<b>Subtotal 2030/31</b>			<b>\$ 6,357,500</b>	<b>\$ 2,078,750</b>	<b>\$ 8,436,250</b>
1	Screw Press Phase 2	2031/32	2,749,500	2,749,500	5,499,000
2	Fleet Replacement Program-V14 Kenworth T470 Vac Con (2013)	2031/32	630,000	-	630,000
3	Replace WWTP SCADA Hardware/Upgrade Software	2031/32	250,000	-	250,000
4	Electrical System Improvements (1/2)	2031/32	724,500	-	724,500
<b>Subtotal 2031/32</b>			<b>\$ 4,354,000</b>	<b>\$ 2,749,500</b>	<b>\$ 7,103,500</b>
1	WWTP Improvements Planning	2032/33	-	2,310,000	2,310,000
2	Screw Press Phase 3	2032/33	837,500	837,500	1,675,000
3	Fleet Replacement Program-V28 Ford F150 (2022)	2032/33	42,000	-	42,000
4	Fleet Replacement Program-V29 Ford F150 (2022)	2032/33	42,000	-	42,000
5	Electrical System Improvements (2/2)	2032/33	724,500	-	724,500
6	Fleet Replacement Program-V23 Ford Transit (2017)	2032/33	36,750	-	36,750
<b>Subtotal 2032/33</b>			<b>\$ 1,682,750</b>	<b>\$ 3,147,500</b>	<b>\$ 4,830,250</b>
1	Effluent Disposal Line R/R	2033/34	1,890,000	-	1,890,000
2	WWTP Improvements Planning	2033/34	-	2,310,000	2,310,000
<b>Subtotal 2033/34</b>			<b>\$ 1,890,000</b>	<b>\$ 2,310,000</b>	<b>\$ 4,200,000</b>
<b>Total Ten-Year CIP (current dollars)</b>			<b>\$ 35,291,249</b>	<b>\$ 18,213,199</b>	<b>\$ 53,464,448</b>

**Table 2**  
**Selma-Kingsburg-Fowler County Sanitation District**  
**City of Selma**

**Capital Improvement Project Schedule for City-Owned Facilities (current dollars)**

<b>Project Description</b>	<b>Fiscal Year</b>	<b>City Collection System R&amp;R Cost</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2024/25	263,844
Miscellaneous Repairs	2024/25	65,000
CCTV Inspection and Review	2024/25	65,000
Sewer Improvement: Tucker/E.Front & 2nd/Center	2024/25	400,000
<b>Subtotal 2024/25</b>		<b>\$ 793,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2025/26	263,844
Miscellaneous Repairs	2025/26	65,000
Barbara PS	2025/26	705,000
CCTV Inspection and Review	2025/26	65,000
<b>Subtotal 2025/26</b>		<b>\$ 1,098,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2026/27	263,844
Miscellaneous Repairs	2026/27	65,000
CCTV Inspection and Review	2026/27	65,000
Sewer Improvement: Lee from Arrants to Gaither (2NO0-0900 and 2NO0-0300)	2026/27	825,000
<b>Subtotal 2026/27</b>		<b>\$ 1,218,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2027/28	263,844
Miscellaneous Repairs	2027/28	65,000
Sewer Improvement: Lee from Maple to Gaither (2NO0-1500 and 2NO0-0900)	2027/28	825,000
CCTV Inspection and Review	2027/28	65,000
<b>Subtotal 2027/28</b>		<b>\$ 1,218,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2028/29	263,844
Miscellaneous Repairs	2028/29	65,000
CCTV Inspection and Review	2028/29	65,000
Sewer Improvement: Between C St and D St from Stillman St to Floral St	2028/29	725,000
<b>Subtotal 2028/29</b>		<b>\$ 1,118,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2029/30	263,844
Miscellaneous Repairs	2029/30	65,000
CCTV Inspection and Review	2029/30	65,000
McCall/Maple PS	2029/30	971,000
<b>Subtotal 2029/30</b>		<b>\$ 1,364,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2030/31	263,844
Miscellaneous Repairs	2030/31	65,000
CCTV Inspection and Review	2030/31	65,000
PS SCADA Replacement	2030/31	600,000
<b>Subtotal 2030/31</b>		<b>\$ 993,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2031/32	263,844
Miscellaneous Repairs	2031/32	75,000
Sewer Improvement: Between B & C St from Tulare to Stillman	2031/32	430,000
CCTV Inspection and Review	2031/32	75,000
<b>Subtotal 2031/32</b>		<b>\$ 843,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2032/33	263,844
Miscellaneous Repairs	2032/33	75,000
CCTV Inspection and Review	2032/33	75,000
Sewer Improvement: West of Orange Street from Gaither to Floral and on Gaither from D St to Orange	2032/33	675,000
<b>Subtotal 2032/33</b>		<b>\$ 1,088,844</b>
SRF Load Debt Service (McCall Avenue Sewer R&R)	2033/34	263,844
Miscellaneous Repairs	2033/34	75,000
Sewer Improvement: A St/B St North of Stillman	2033/34	435,000
CCTV Inspection and Review	2033/34	75,000
<b>Subtotal 2033/34</b>		<b>\$ 848,844</b>
<b>Total Ten-Year CIP</b>		<b>\$ 10,589,440</b>

**Table 3**  
**Selma-Kingsburg-Fowler County Sanitation District**  
**City of Kingsburg**  
**Capital Improvement Project Schedule for City-Owned Facilities (current dollars)**

<b>Project Description</b>	<b>Fiscal Year</b>	<b>City Collection System R&amp;R Cost</b>
Miscellaneous Repairs	2024/25	45,000
18th Avenue Sewer Improvement Phase I (1/2, Design, Construction Management Services, Construction)	2024/25	472,500
CCTV Inspection and Review	2024/25	45,000
<b>Subtotal 2024/25</b>		<b>\$ 562,500</b>
Miscellaneous Repairs	2025/26	45,000
18th Avenue Sewer Improvement Phase I(2/2, Design, Construction Management Services, Construction)	2025/26	900,000
CCTV Inspection and Review	2025/26	45,000
<b>Subtotal 2025/26</b>		<b>\$ 990,000</b>
Miscellaneous Repairs	2026/27	45,000
Mehlert PS Panel Replacement	2026/27	180,000
CCTV Inspection and Review	2026/27	45,000
<b>Subtotal 2026/27</b>		<b>\$ 270,000</b>
Miscellaneous Repairs	2027/28	45,000
18th Avenue Sewer Improvement Phase II(1/2, Design, Construction Management Services, Construction)	2027/28	1,575,000
CCTV Inspection and Review	2027/28	45,000
<b>Subtotal 2027/28</b>		<b>\$ 1,665,000</b>
Miscellaneous Repairs	2028/29	45,000
18th Avenue Sewer Improvement Phase II (2/2, Design, Construction Management Services, Construction)	2028/29	787,500
CCTV Inspection and Review	2028/29	45,000
<b>Subtotal 2028/29</b>		<b>\$ 877,500</b>
Miscellaneous Repairs	2029/30	45,000
Kern PS Rehab.	2029/30	400,000
CCTV Inspection and Review	2029/30	45,000
<b>Subtotal 2029/30</b>		<b>\$ 490,000</b>
Miscellaneous Repairs	2030/31	45,000
Sewer Improvement (Alley Between 20th/21st Between Riverside/Plumas)	2030/31	686,700
CCTV Inspection and Review	2030/31	45,000
<b>Subtotal 2030/31</b>		<b>\$ 776,700</b>
Miscellaneous Repairs	2031/32	45,000
PS SCADA Replacement	2031/32	350,000
CCTV Inspection and Review	2031/32	45,000
<b>Subtotal 2031/32</b>		<b>\$ 440,000</b>
Miscellaneous Repairs	2032/33	45,000
Sewer Improvement (Alley Between Ventura/Union and 14th/12th)	2032/33	400,000
CCTV Inspection and Review	2032/33	45,000
<b>Subtotal 2032/33</b>		<b>\$ 490,000</b>
Miscellaneous Repairs	2033/34	45,000
CCTV Inspection and Review	2033/34	45,000
18" Sewer at HWY 99/Earl Street Alignment	2033/34	475,000
<b>Subtotal 2033/34</b>		<b>\$ 565,000</b>
<b>Total Ten-Year CIP</b>		<b>\$ 7,126,700</b>

**Table 4**  
**Selma-Kingsburg-Fowler County Sanitation District**  
**City of Fowler**  
**Capital Improvement Project Schedule for City-Owned Facilities (current dollars)**

<b>Project Description</b>	<b>Fiscal Year</b>	<b>City Collection System R&amp;R Cost</b>
Miscellaneous Repairs	2024/25	35,000
Sewer Improvements (Alley Between 6th/7th Street and Tuolumne/Merced)	2024/25	632,000
CCTV Inspection and Review	2024/25	45,000
<b>Subtotal 2024/25</b>		<b>\$ 712,000</b>
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Miscellaneous Repairs	2025/26	35,000
Sewer Improvement (Alley between 4th/5th and Merced/Main )	2025/26	425,000
CCTV Inspection and Review	2025/26	45,000
<b>Subtotal 2025/26</b>		<b>\$ 505,000</b>
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Miscellaneous Repairs	2026/27	35,000
CCTV Inspection and Review	2026/27	45,000
Peach St PS	2026/27	550,000
<b>Subtotal 2026/27</b>		<b>\$ 630,000</b>
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Miscellaneous Repairs	2027/28	35,000
CCTV Inspection and Review	2027/28	45,000
Sewer Improvement( Alley Between 4th/5th and Main/Fresno)	2027/28	425,000
<b>Subtotal 2027/28</b>		<b>\$ 505,000</b>
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Miscellaneous Repairs	2028/29	35,000
CCTV Inspection and Review	2028/29	45,000
Sewer Improvement( Alley Between 3rd/4th and Merced/Main)	2028/29	425,000
<b>Subtotal 2028/29</b>		<b>\$ 505,000</b>
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Miscellaneous Repairs	2029/30	35,000
CCTV Inspection and Review	2029/30	45,000
Sewer Improvement (Tulare St. south of Vine)	2029/30	330,000
<b>Subtotal 2029/30</b>		<b>\$ 410,000</b>
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Miscellaneous Repairs	2030/31	35,000
CCTV Inspection and Review	2030/31	45,000
PS SCADA Replacement	2030/31	550,000
<b>Subtotal 2030/31</b>		<b>\$ 630,000</b>
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Miscellaneous Repairs	2031/32	35,000
CCTV Inspection and Review	2031/32	45,000
Jefferson Avenue PS	2031/32	310,000
<b>Subtotal 2031/32</b>		<b>\$ 390,000</b>
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Miscellaneous Repairs	2032/33	35,000
CCTV Inspection and Review	2032/33	45,000
Sewer Improvement (Alley in between 4th/5th and Merced/Tuolumne)	2032/33	425,000
<b>Subtotal 2032/33</b>		<b>\$ 505,000</b>
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Miscellaneous Repairs	2033/34	35,000
CCTV Inspection and Review	2033/34	45,000
Sewer Improvement (Alley in between 4th/5th and Vine/Fresno)	2033/34	425,000
<b>Subtotal 2033/34</b>		<b>\$ 505,000</b>
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<b>Total Ten-Year CIP</b>		<b>\$ 5,297,000</b>

**Table 5**  
**Selma-Kingsburg-Fowler County Sanitation District**  
**Repair & Maintenance Improvement Projects Schedule for District Facilities From O&M Fund (current dollars)**

Project No.		Fiscal Year	District O&M Expense
1	Repair and Maintenance Projects	2024/25	130,000
2	Pretreatment Monitoring Equipment	2024/25	100,000
3	Brush Aerators	2024/25	60,000
4	Clean EP1	2024/25	60,000
<b>Subtotal 2024/25</b>			<b>\$ 350,000</b>
1	Demolish Incinerator	2025/26	150,000
2	Clean AB2	2025/26	100,000
3	CCTV Inspect: Ward Drain Pipe	2025/26	100,000
<b>Subtotal 2025/26</b>			<b>\$ 350,000</b>
1	Repair and Maintenance Projects	2026/27	170,000
2	Brush Aerators	2026/27	60,000
3	Clean AD4	2026/27	100,000
4	Electrical System Components Infrared Inspection/Repair	2026/27	20,000
<b>Subtotal 2026/27</b>			<b>\$ 350,000</b>
1	Information Systems Hardware/Software Replacement	2027/28	180,000
2	RDT Preventative Maintenance	2027/28	35,000
3	Repair and Maintenance Projects	2027/28	135,000
<b>Subtotal 2027/28</b>			<b>\$ 350,000</b>
1	Repair and Maintenance Projects	2028/29	140,000
2	Brush Aerators	2028/29	60,000
3	Clean AD3	2028/29	150,000
<b>Subtotal 2028/29</b>			<b>\$ 350,000</b>
1	Repair and Maintenance Projects	2029/30	280,000
2	Centrifuge 1 Seepex Pump Refurbish	2029/30	50,000
3	Electrical System Components Infrared Inspection/Repair	2029/30	20,000
<b>Subtotal 2029/30</b>			<b>\$ 350,000</b>
1	Repair and Maintenance Projects	2030/31	300,000
2	Centrifuge 2 Seepex Pump Refurbish	2030/31	50,000
<b>Subtotal 2030/31</b>			<b>\$ 350,000</b>
1	Repair and Maintenance Projects	2031/32	225,000
2	Information Systems Hardware/Software Replacement (WIFI, UPS Server, Cloud Based Backup)	2031/32	125,000
<b>Subtotal 2031/32</b>			<b>\$ 350,000</b>
1	Repair and Maintenance Projects	2032/33	285,000
2	RDT Preventative Maintenance	2032/33	45,000
3	Electrical System Components Infrared Inspection/Repair	2032/33	20,000
<b>Subtotal 2032/33</b>			<b>\$ 350,000</b>
1	Repair and Maintenance Projects	2033/34	315,000
2	RDT TWAS Pumps	2033/34	35,000
<b>Subtotal 2033/34</b>			<b>\$ 350,000</b>
<b>Total Ten-Year R&amp;M Improvement Projects 2024/25 thru 2033/34</b>			<b>\$ 3,500,000</b>

**CIP PROJECTS**

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District Project	Description	Location
*District Lift Station- D3 North St (2/3 TM, Design, Engineering, CMS, Construction)	Replacement/Expansion of District owned pump station.	SELMA
Generator (200AMP)	Emergency generator for WWTP and collection system.	WWTP
Headworks Transformer Replacement	Replace original transformer at headworks area.	WWTP
*Laboratory R/R (1/2)	Remodel laboratory area, update restrooms, replace casework, HVAC, lighting, work spaces	WWTP
WWTP Facilities Plan Update	Wastewater Treatment Facilities Plan, the existing facility plan is more than 10-years old.	WWTP
Fleet Replacement Program-V06 Ford F150 Truck (2004)	Fleet Replacement Program.	WWTP
Fleet Replacement Program-V26 Ford F800 Series Crane (1998)	Fleet Replacement Program.	WWTP
Fleet Replacement Program-V20 Ford F150 Super Cab (2014)	Fleet Replacement Program.	WWTP
Fleet Replacement Program- V1 Ford Taurus (2014)	Fleet Replacement Program.	WWTP
*District Lift Station R/R-D2 (1/2 Manning PS, Design, Engineering, CMS, Construction)	Replacement/Expansion of District owned pump station.	FOWLER
One Megawatt WWTP Generator	New generator to provide emergency power to wastewater treatment plant.	WWTP
Aerobic Digester No.1 and No. 2 R/R	Replacement of membranes, diffusers, piping repairs as needed.	WWTP
Rehabilitate Screwlifts 1 & 2	Rehabilitate screwlifts 1 & 2. Screwlifts were installed in 2014.	WWTP
Replace Flex Rake Barscreens	Replace flex rake barscreens at headworks	WWTP
*Clarkson Sewer Improvement Project-(CCTV, Clean, Assess)	Televise and clean approximately 1.5 miles of 21-inch sewer main. Conduct condition assessment. Determine improvements, if any. On Clarkson Avenue from WWTP to McCall Avenue.	DISTRICT
Fleet Replacement Program- V4 Ford 150 XL (2018)	Fleet Replacement Program.	WWTP
Fleet Replacement - V7 Ford F150 XL (2018)	Fleet Replacement Program.	WWTP
District Lift Station R/R-D1 (1/2 Merced PS)	Replacement/Expansion of District owned pump station.	FOWLER
*Replace WWTP SCADA Hardware/Upgrade Software	Technology- Replacements of SCADA server hardware/software. Replacement occurs in four year intervals.	WWTP
Aerobic Digester 4 Spencer Blower Replacement	Replacement of spencer blowers with efficient turbo blowers.	WWTP
Replace 6" Gorman Rupp Trailer Mounted Trash Pump	Replace 6" Gorman Rupp pump with a new trailer mounted trash pump. Existing pump is more than 20 years old.	WWTP
*District Interceptors Evaluation	Televise and clean approximately 11 miles of District interceptor sewers. Conduct condition assessment. Determine improvements, if any, and schedule improvements.	DISTRICT
*Clarkson Sewer Improvement Project (1/2-Construct)	Sewer improvements based on condition assessment.	DISTRICT
*Screw Press Phase 1, 2, 3	Replace centrifuge and expand solids handling capacity.	WWTP
Recycle Water Feasibility Study	Technical memorandum to explore the feasibility of recycled water.	WWTP
Fleet Replacement Program-V14 Kenworth T470 Vac Con (2013)	Fleet Replacement Program.	WWTP
*Electrical System Improvements	Assess electrical equipment in Chemical Building. Replace electrical equipment based on assessment. Installation of equipment will require planned shutdowns at WWTP.	WWTP
*WWTP Improvements Planning	The proposed expansion is conceptual and is driven by regulatory changes and development.	WWTP
Fleet Replacement Program-V28 Ford F150 (2022)	Fleet Replacement Program.	WWTP
Fleet Replacement Program-V29 Ford F150 (2022)	Fleet Replacement Program.	WWTP
Electrical System Improvements (2/2)	Fleet Replacement Program.	WWTP
Fleet Replacement Program-V23 Ford Transit (2017)	Fleet Replacement Program.	WWTP
Effluent Disposal Line R/R	Rehabilitation/Replacement of effluent pipe. The pipe starts at recarbonation basin and ends at percolation pond 3.	WWTP

\*A multiple year project.

**CITY-OWNED FACILITIES PROJECTS**

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## City of Selma

Project	Description	Location	Upstream SMH	Downstream SMH
SRF Load Debt Service (McCall Avenue Sewer R&R)	SRF Loan payment			
Miscellaneous Repairs	Ongoing RR of the collection system in the City.	Various locations		
CCTV Inspection and Review	Perform CCTV and review to assess collection system.	Various locations		
McCall/Maple PS Rehab	Full mechanical, electrical replacement, sitework. Maple PS (S-10)	McCall Ave./Maple St.		
Sewer Improvement: Tucker/E.Front & 2nd/Center	CIPP approximately 1,615LF of sewer main.		2VAO-0100 2VB0-0500	2VO0-0200 2VO0-0200
Barbara Control Panel Upgrade	Barbara PS (S-8)	Barbara St./Love St.		
Sewer Improvement: Lee from Arrants to Gaither	Replace approx. 1,434LF of 12 and 15-inch sewer main		2NO0-0900	2NO0-0300
Sewer Improvement: Lee from Maple to Gaither	Replace approx. 1,313LF of 12 and 15-inch sewer main.		2NO0-1500	2NO0-0900
Sewer Improvement: Between C St and D St from Stillman St to Floral St	Replace approx. 1,100LF of sewer main.		2VIA-1LMP	2VIO-0100
Dockery PS		On Dockery alignment north of Floral Ave., east of Orange Ave.		
PS SCADA Replacement	Replace SCADA system in all City owned pump stations. 9 Each.			
Sewer Improvement: Between B & C St from Tulare to Stillman	Replace approx. 402LF of sewer main.		2VO0-0900	2VO0-0800
Sewer Improvement: West of Orange Street from Gaither to Floral and on Gaither from D St to Orange	Replace approx. 1,076LF of sewer main.		2VID-0300	2VIO-0300
Sewer Improvement: A St/B St North of Stillman	CIPP approx. 620LF of sewer main.		2VGB-0100	2VG0-0100

SMH = Sewer manhole

**City of Kingsburg**

<b>Project</b>	<b>Description</b>	<b>Location</b>	<b>Upstream SMH</b>	<b>Downstream SMH</b>
Miscellaneous Repairs	Ongoing RR of the collection system in the City.	Various locations.		
CCTV Inspection and Review	Perform CCTV and review to assess collection system.	Various locations.		
Mehlert PS Panel Replacement	Control panel replacEment.	Mehlert St., cross street 12th Ave.		
18th Avenue Sewer Improvement Phase I, II(Design, Construction Management Services, Construction)	Review sewer main to determine project to rehabilitat with CIPP or replace.	18th Ave. from Stroud Ave. to Kern St.	7EO0-1300	7EO0-0100
Kern PS Rehab.	Force main, rehab/replace, control panel, other mechanical as needed.	Kern St. cross street 6th Ave.		
Sewer Improvement (Alley 20th/21st Between Riverside/Plumas)	Rehabilitation/replace of approx. 655LF of 6-inch sewer main.		7EBC-0301	7EBA-0300
PS SCADA Replacement	Replace SCADA system in all City owned pump stations. 4 Each.			
Sewer Improvement (Alley Between Ventura/Union and 14th/12th)	Replace approx. 56LF of 6-inch sewer main.		7EDA-0302	7EDA-0300
18" Sewer at HWY 99/Earl Street Alignment	Rehabilitation/replace of 285 LF of sewer main.		7FF0-0100	7FO0-0500

## City of Fowler

<b>Project</b>	<b>Description</b>	<b>Location</b>	<b>Upstream SMH</b>	<b>Downstream SMH</b>
Miscellaneous Repairs	Ongoing RR of the collection system in the City.	Various locations.		
CCTV Inspection and Review	Perform CCTV and review to assess collection system.	Various locations.		
Sewer Improvements (Alley Between 6th/7th Street and Tuolumne/Merced)	Replace approx. 470LF of 8-inch sewer main.		3CB0-0100	3CO0-0200
Sewer Improvement (Alley between 4th/5th and Merced/Main )	Replace approx. 480Lf of 6-inch sewer main.		3CAA-0100	3CA0-0100
Peach St PS		Peach St. cross street Golden State Blvd.		
Sewer Improvement( Alley Between 4th/5th and Main/Fresno)	Replace approx. 480Lf of 6-inch sewer main.		3CAA-0200	3CAA-0100
Sewer Improvement( Alley Between 3rd/4th and Merced/Main)	Replace approx. 480Lf of 6-inch sewer main.		3CA0-0200	3CAB-0100
Sewer Improvement (Tulare St. south of Vine)	Replace approx. 350LF of 6-inch sewer main.		3CEA-0101	3EA-0100
PS SCADA Replacement	Replace SCADA system in all City owned pump stations. 6 Each.	Various locations.		
Jefferson Avenue PS		Jefferson Ave. cross street Golden State Blvd.		
Sewer Improvement (Alley in between 4th/5th and Merced/Tuolumne)	Replace approx. 470LF of 6-inch sewer main .		3CF0-0100	3CO0-0400
Sewer Improvement (Alley in between 4th/5th and Vine/Fresno)	Replace approx. 480Lf of 6-inch sewer main.		3CAA-0200	3CEA-0100

**REPAIR & MAINTENANCE PROJECTS**

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## 10-Year CIP Repair & Maintenance Projects for District Facilities -O&M Fund

Project	Description
Repair and Maintenance Projects	Miscellaneous repair and maintenance projects at WWTP.
Pretreatment Monitoring Equipment	Equipment for collection system to monitor EC, pH, TDS, SS
Brush Aerators	Replacement of two brush aerators.
Clean EP1	Clean debris and material out of EP1.
Demolish Incinerator	Remove incinerator which is no longer in service.
Clean AB2	Clean debris and material out of AB2
CCTV Inspect: Ward Drain Pipe	CCTV ward drain to access condition.
Clean AD4	Clean debris and material out of AD4
Electrical System Components Infrared Inspection/Repair	Infrared inspection of electrical components in WWTP. Repairs made based on report.
RDT Preventaive Maintence	Preventative maintenance work for RDT equipment.
Clean AD3	Clean debris and material out of AD3
Centrifuge 1 Seepex Pump Refurbish	Refurbishment of pump at centrifuge building.
Centrifuge 2 Seepex Pump Refurbish	Refurbishment of pump at centrifuge building.
Information Systems Hardware/Software Replacement (WIFI, UPS Server, Cloud Based Backup)	Replacement of Administration information systems hardware/software.
RDT TWAS Pumps	Replacemnt of RDT TWAS pumps.

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**APPENDIX**



**CAPITAL IMPROVEMENT PROGRAM  
SKF COUNTY SANITATION DISTRICT**

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## Acknowledgements

This Capital Improvement Program was prepared with the assistance of key staff members at Selma-Kingsburg-Fowler County Sanitation District. The following staff members provided information and valuable input to the General Manager and their participation is appreciated:

Plant Manager Craig Perry, Collections Supervisor Ralph Gonzales, Assistant Collections Supervisor Jimmy Floyd, Laboratory Supervisor Karen Steinhauer, Information Systems Analyst David Bacon, Administrative Services/HR Tricia Miller, Accountant Luis Salinas, General Manager Veronica Cazares.

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## **CAPITAL IMPROVEMENT PROGRAM SKF COUNTY SANITATION DISTRICT**

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### **DISTRICT OVERVIEW**

The Selma-Kingsburg-Fowler County Sanitation District (District) is located in Fresno County. The District collects, treats, and disposes wastewater originating from the residential, commercial, institutional, and industrial dischargers from the three member-cities and parts of unincorporated Fresno County. The District operates and maintains the wastewater treatment plant and the sewer collection system. The District refurbishes and replaces each city's facilities. The member cities own the local sewer collection system, which includes sewers, lift stations, and appurtenances not owned by the District. Each member city is responsible for expanding the facilities that it owns. The District serves an estimated population of 44,000.

Capital improvements are major construction projects requiring an expenditure of public funds over and above routine annual operating expenses. They are investments that will last into the future. Expenditures occur for the purchase, construction, or replacement of the District's infrastructure with a useful life of at least five years.

The Ten-Year Capital Improvement Program (CIP) is a plan for capital expenditures over a ten-year period. The CIP identifies capital improvement needs and allocates available dollars. CIP infrastructure includes such items as the collection system, wastewater treatment plant, disposal facilities and lift stations.

The District's funding sources include sewer service charges, capacity charges, and plan check and inspection fees. These revenues are projected annually, taking into account current and potential development activity and rate adjustments.

Development of the Ten-Year CIP includes opportunities for input from the CIP committee (District department heads), cities, and the Board of Directors to help ensure that the projects meet the District's needs.

### **DISTRICT MISSION STATEMENT**

Operate and maintain the District facilities so that local, state, and federal waste discharge requirements are complied with, and the public health and environment are protected.

Provide adequate capacity to convey, treat and dispose of all wastewater so that the District can adequately serve the developing needs of its member cities and the surrounding area.

Operate and maintain District facilities so that annual costs are reduced to the lowest possible level that will safely sustain compliance with discharge requirements.

## CAPITAL IMPROVEMENT PROGRAM (CIP)

### Introduction

A capital improvement program is a blueprint for planning the District's capital expenditures and is one of the most important responsibilities of local government officials. It coordinates community planning, financial planning, and physical development.

A capital improvement program is composed of two parts -- a **capital budget** and a **capital program**. The capital budget is the upcoming year's spending plan for capital items (tangible assets or projects that cost at least \$8,000 and have a useful life of at least five years). The capital program is a plan for capital expenditures that extends ten years beyond the capital budget.

The CIP will insure sound fiscal and capital planning and requires effective leadership and the involvement and cooperation of all District departments.

The goals of the CIP are to:

- Facilitate coordination between capital needs and operating budgets.
- Enhance the District's credit rating, control its fee rates, and avoid sudden changes in its debt service requirements.
- Identify the most economical means of financing capital projects.
- Increase opportunities for obtaining federal and state aid.
- Relate public facilities to other public and private development and redevelopment policies and programs.
- Keep the public informed about future needs and projects.
- Encourage careful project planning and design to avoid costly mistakes and help the District accomplish its Mission Statement and goals.

**CAPITAL IMPROVEMENT PROGRAM  
SKF COUNTY SANITATION DISTRICT**

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## CIP Development

The Department Supervisors are tasked to recommend projects to the CIP committee.

The CIP is developed with input from the department supervisors, General Manager, and member city's public works/planning staff. Projects are prioritized taking into consideration the District's Mission, benefits of the project, financing, debt, public perception, and staffing levels.

The General Manager prepares and submits the CIP to the Policy Advisory Committee (PAC) for review and recommendation. Subsequently the CIP is presented to the Board of Directors for acceptance. The CIP contains a summary of recommended projects for the upcoming year's capital budget.

## Equipment

Equipment and vehicles are replaced based on a 10-year or 100,000-mile schedule or when they are no longer feasible to repair. All equipment and vehicle replacement requests exceeding the spending limit authority of the General Manager are brought to the Board for approval. Consistent with District policy, technology upgrades are budgeted annually to continuously improve efficiency through the use of technology and business process refinement.

**STATUS OF PREVIOUSLY ADOPTED PROJECTS**

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**Status of Previously Approved Projects**

Project	Description	Status
District Lift Station-D4 (18 <sup>th</sup> Ave)	Replacement of District owned pump station.	Complete.
*District Lift Station R/R-D3 North	R/R and expansion of district lift station	In Design.
*North St. PS Panel Replacement	Replace existing panel with same.	In production.
*Collection system Flow Monitoring/Model Calibration/Amendment	Update 2016 Sewer System Master Plan and conduct flow monitoring to calibrate model.	In Progress.
Administration Building Roof Replacement.	Replacement of roof at Administration Building	Complete
Fleet Replacement Program V02 GMC C1500 Sierra (2005)	Fleet replacement program.	Complete

\*Multiple year project

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**CAPITAL IMPROVEMENT PROGRAM  
SKF COUNTY SANITATION DISTRICT**

<b>Project</b>	<b>Description</b>	<b>Status</b>
<b>SELMA</b>		
*CCTV Inspection and Review	CCTV and assessment of sewer mains in Selma.	In Progress.
Sewer Improvements: McCall/Wright & Stillman/Merced	Replacement of deficient sewer.	In Design.
*R&R (Nebraska-Thompson-Knowles)	Replacement of deficient sewer.	Complete.
<b>KINGSBURG</b>		
*CCTV Inspection and Review	CCTV and assessment of sewer mains in Kingsburg.	In Progress.
Riverside Alley Sewer Improvements (Sierra/Plumas and 21 <sup>st</sup> /22 <sup>nd</sup> St)	Rehabilitate approximately 805 linear feet of 6-inch VCP sewer with CIPP.	RFP complete. Pending Board approval.
Marion St. Alley (Between Marion/Sierra and on 18 <sup>th</sup> Ave between Lewis/Plumas)	Replace approximately 337 linear feet of 6-inch sewer pipe. Rehabilitate approximately 283 linear feet of 12-inch VCP sewer with CIPP.	RFP complete. Pending Board approval.
<b>FOWLER</b>		
*CCTV Inspection and Review	CCTV and assessment of sewer mains in Fowler.	In Progress.
6 <sup>th</sup> /7 <sup>th</sup> Street Alley Sewer Improvements (Between Tuolumne/Modesto)	Replace approximately 479 linear feet of 6-inch VCP (Mariposa to Modesto)	RFP complete. Pending Board approval.

\*Multiple year project

**EQUIPMENT INVENTORY**

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**SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT**

**FLEET VEHICLE INVENTORY -rev 01/16/2024-**

VEH No	ASSIGN-MENT	YEAR	ENG	MAKE / MODEL	VEH ID NUMBER	LICENSE	PURCHASE DATE	PURCHASE COST	UNLADEN WEIGHT	STATUS	ODOMETER 8/31/2022	ODOMETER 12/21/2023
V-01	MANAGER	2014	GAS	FORD TAURUS SEL SEDAN	1FAHP2E81EG157856	1431210	2/21/2014	\$25,465.00		IN USE	41,752 miles	48,934 miles
V-02	OPS DEPT	2005	GAS	GMC C1500 SIERRA SLE pickup	1GTEC14T55Z150440	1089547	4/29/2005	\$21,788.00	4,358	IN USE	84,227 miles	91,890 miles
V-03	ADMIN DEPT	2015	GAS	FORD EDGE SE 4 dr FWD Sport Utility	2FMTK3G82FBC21171	1472669	12/4/2015	\$28,666.73	3,988	IN USE	41,719 miles	54,737 miles
V-04	COLLECTIONS ASST SUPERVISOR	2018	GAS	FORD F-150 XL 4-DR PICKUP 2WD	1FTEW1C53JFB32959	1501217	1/18/2018	\$28,988.07		IN USE	86,102 miles	108,171 miles
V-06	COLLECTIONS SUPERVISOR	2004	GAS	FORD F-150 pickup	1FTRX12534KB71482	1070329	11/20/2003	\$24,315.07	4,972	IN USE	147,717 miles	159,541 miles
V-07	OPS SUPERVISOR	2018	GAS	FORD F-150 XL REGULAR CAB PICK-UP 2-DR 2WD	1FTMF1CBXJFB32958	1501216	1/18/2018	\$22,393.99		IN USE	38,631 miles	46,032 miles
V-08	OPS DEPT	2016	Diesel	KENWORTH T270 DUMP TRUCK	2NKHHM6X1GM133997	1410357	3/4/2016	\$87,449.93		IN USE	4,925 km 3,060 miles	5,203 km 3,233 miles 9,27 hrs
V-09	COLLECTIONS DEPT	2016	Diesel	FORD F-350 SUPER DUTY 3-4 YARD DUMP TRUCK	1FDRF3GT8GEB97547	1547218	7/26/2016	\$57,664.36		IN USE	6,916 miles	8,644 miles
V-10	OPS DEPT STAND-BY	2020	GAS	FORD F-150 REGULAR CAB PICKUP 2-DR 2WD	1FTMF1CB9LKD34538	1575106 rev 4/22/2020	1/30/2020 8 miles			IN USE	30,292 miles	44,418 miles
V-11	OPS DEPT	2018	Diesel	KENWORTH T370 3 axle truck/sludge bio-solid hauler	2NKHJLJ0X7JM182196	1444511	3/23/2017 NEW	\$123,916.00	24,520	IN USE	7,893 miles 1,207 hrs	8,438 miles 1,402 hrs

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VEH No	ASSIGN-MENT	YEAR	ENG	MAKE / MODEL	VEH ID NUMBER	LICENSE	PURCHASE DATE	PURCHASE COST	UNLADEN WEIGHT	STATUS	ODOMETER 8/31/2022	ODOMETER 12/21/2023
V-14	COLLECTION DEPT	2013	Diesel	Kenworth T470 VAC-CON	1NKBLN0X8DJ366202	1412224	2/19/2013	\$361,837.52		IN USE 2/19/2013	68,010 miles 7,479 hrs aux engine 2,960 hrs	71,825 miles 7,944 hrs aux engine 3,098 hrs
V-20	ENGR	2014	FLEX	FORD F-150 SUPER CAB PICKUP	1FTFX1CF6EKD69291	1431214	3/19/2014	\$24,350.11		IN USE	54,880 miles	62,063 miles
V-22	MAINT DEPT	1999	GAS	CHEVY C2500 with service body	1GCGC24U2XE153703	416172	1/26/1999	\$21,783.52	4,764	IN USE	157,141 miles	159,920 miles
V-23	LAB DEPT	2017	GAS	FORD TRANSIT CONNECT XLT WAGON LWB	NM0GS9F78H1316170	1506291	5/12/2017	\$29,129.11		IN USE	21,003 miles	25,969 miles
V-26	MAINT DEPT	1998	Diesel	FORD F800 SERIES Certified as 4 TON CRANE	1FDPF80C1WVA12011	1132133	1/9/2002	\$59,000.00	27,600	IN USE	38,836 miles 3,694 hrs	38,945 miles 5,818 hrs

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### NEW VEHICLES

VEH No	ASSIGN-MENT	YEAR	ENG	MAKE / MODEL	VEH ID NUMBER	LICENSE	PURCHASE DATE	PURCHASE COST	UNLADEN WEIGHT	STATUS	ODOMETER	ODOMETER 12/21/2023
V-28 NEW	ENGR. DEPT.	2022	GAS ETHANOL E85	FORD F-150 4X2 REGULAR CAB PICKUP 3.3L V6 PFDI	1FTMF1CB3NKE91694		11/9/2022	\$27,591.22			ODOMETER 11/9/2022 11 miles	9,087 miles
V-29 NEW	COLLECTIONS DEPT. STAND-BY	2022	GAS ETHANOL E85	FORD F-150 4X2 REGULAR CAB PICKUP 3.3L V6 PFDI	1FTMF1CB6NKE91429		11/9/2022	\$27,591.22			ODOMETER 11/9/2022 11 miles	20,983 miles
V-30 NEW	COLLECTIONS DEPT. DIG UP	2022	GAS ETHANOL E85	FORD F-150 4X2 REGULAR CAB PICKUP 3.3L V6 PFDI	1FTMF1CBXNKE91711		11/9/2022	\$27,591.22			ODOMETER 11/9/2022 11 miles	9,175 miles

V-31 NEW	COLLECTION DEPT	2023	Diesel	KENWORTH T880 VAC-CON PACCAR PX-9 ENGINE 540 C.I.D. / 8.9 L	1NKZLJ0X4PJ255027	TEMPORARY  CE37W66	12/7/2022	\$384,017.00	38,580		DEC 9, 2022 4,286 MILES front eng 119 hrs NO aux engine	12,294 miles front eng 1,125 hrs PUMP DRIVE PTO HRS 281 HRS
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**ROLLING EQUIPMENT INVENTORY 01/ 16/ 2024**

EQ No	ASSIGN-MENT	YEAR	ENG	MAKE / MODEL	EQ ID NUMBER	LICENSE	PURCHASE DATE	PURCHASE COST	UNLADEN WEIGHT	STATUS	Hrs AS OF 8/31/2022	Hrs AS OF 12/17/2023
E-33	OPS DEPT	2007	electric	Recon Precedent Club Car Golf Cart	PQ0705-723139		8/3/2012	\$3,175.00		IN USE		
E-35	OPS DEPT	2012	GAS	CASE IH SCOUT XL UTILITY VEHICLE	CJ1246-333256		7/8/2012			IN USE	1,516 hrs	o/s
E-36	OPS DEPT	2020	diesel	KAWASAKI MULE PRO-DX UTILITY VEHICLE KAF1000ELF	JKAAFC11LB503643		3/27/2020			IN USE	448 hrs	592 hrs
E-38	OPS DEPT	1998	diesel	CAT BACKHOE LOADER	4ZN16104		11/6/2001	\$38,745.00		IN USE	2,738 hrs	2,787 hrs
E-39	OPS DEPT	2012	diesel	Grasshopper 725 DT6 Riding Lawn Mower	6217569		7/1/2012			IN USE	499 hrs	562 hrs
E-60	OPS DEPT	2011	diesel	CASE PUMA 160 TRACTOR	ZBBP08291		2011	\$102,850.56		IN USE	2,869 hrs	3,380 hrs
E-73	OPS DEPT	2014	diesel	SELICK SLP50 FORKLIFT 2WD	9556504SLP5J4I		4/20/2015			IN USE	128hrs	193 hrs
E-95	OPS DEPT	2015	diesel	DOOSAN DL 250-5 WHEEL LOADER	DWGCWLBSJF1010051		6/1/2015			IN USE	2,627 hrs	3,043 hrs
E-509	OPS MAINT DEPT	2019	electric	CA700 ELECTRIC CARRYALL 700 GOLF CART	MH2012-057555		9/2/2019			IN USE	173 hrs	242 hrs

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NEW TUATARA OFF-ROAD UTILITY TERRAIN VEHICLES

EQ No	ASSIGNMENT	YEAR	ENG	MAKE / MODEL	EQ ID NUMBER	LICENSE	PURCHASE DATE	PURCHASE COST	UNLADEN WEIGHT	STATUS	ODOMETER 12/27/2022	Hrs AS 12/17/2023
EV-1	OPS (MAT)	2022	ELECTRIC	TUATARA 1500E-1 OFF-ROAD UTILITY TERRAIN VEHICLE	L23DK2A30NA001219					IN USE	108 MILES 10.8 HRS	768 miles 84 hrs
EV-2	OPS (RUFUS)	2022	ELECTRIC	TUATARA 1500E-1 OFF-ROAD UTILITY TERRAIN VEHICLE	L23DK2A37NA001217					IN USE	259 MILES 28.4 HRS	o/s
EV-3	OPS	2022	ELECTRIC	TUATARA 1500E-1 OFF-ROAD UTILITY TERRAIN VEHICLE	L23DK2A38NA001162					IN USE	363 MILES 38.0 HRS	3,085 miles 322 hrs
EV-4	ADMIN LAB	2022	ELECTRIC	TUATARA E1000 OFF-ROAD UTILITY TERRAIN VEHICLE	L23DK2A34NA001319					IN USE	14 MILES 1.4 HRS	134 miles 13 hrs
EV-5	Headworks OPS	2022	ELECTRIC	TUATARA E1000 OFF-ROAD UTILITY TERRAIN VEHICLE	L23DK2A37NA001282					IN USE	21 MILES 2.2 HRS	586miles 192 hrs

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