

**CHITTENDEN SOLID WASTE DISTRICT
Fiscal Year 2022 Proposed Budget**

HIGHLIGHTS - CAPITAL PROGRAM BUDGET

Staff has developed a capital plan and timeline for the next five fiscal years, and staff is presenting FY22 costs that will be included in the FY22 budget packet. The following assumptions were made to develop the plan:

- The capital reserve is a singular account and shall universally cover all programs
- The capital reserve will not be segmented into specific programs
- The initial capital reserve as of FY 21 is approximately \$5,000,000
- The Materials Recovery Facility (MRF), Drop-off Center (DOC) and Organics Recovery Facility (ODF) will contribute a fixed amount to the Capital Reserve
- Bonding may be required, in part or in full, for the construction of a new MRF
- Full ODF build-out will be over three Phases; Phase one is complete.
- General upgrade of each DOC
- Construction of an Administrative Building in FY2023
- Operational optimization of the Environmental Depot

CSWD Capital Plan Fiscal Year 2022		
Materials Recovery Facility		\$374,200
Organics Diversion Facility		\$1,657,000
Roll-Off and Maintenance		\$310,000
Drop Off Centers		\$404,000
Hazardous Waste and Latex Paint		\$118,000
Administrative Infrastructure		\$205,000
Capital Contingency		\$50,000
FY 22 Capital Projects		\$3,118,200
MRF input		\$(450,000)
ODF input	\$	-
DOC input	\$	-
Total Capital Spend		\$ 2,668,200

District staff has made significant efforts to generate accurate capital costs in developing the capital budget as well as following through with capital purchases, upgrades and projects as planned. Approval of the budget does not mean work will proceed without a proper bidding process and associated Board approval according to CSWD financial policies. Please note that this is a **Plan** and is inclusive of all potential capital costs for FY22. All major capital projects greater than \$100,000 will require approval from the Board of Commissioners. Staff will also bring updates of facility projects that are under the \$100,000 threshold.

Significant items included in the FY22 capital budget are as follows:

\$249,200	Design and planning a new Materials Recovery Facility.
\$1,105,000	Constructing a new ODF approach, scale house and water line. ¹
\$375,000	Constructing a new wood waste depot at the ODF.
\$255,000	Purchase new Roll-Off Truck (replacing Truck #1).
\$116,500	Regrading, repaving, and constructing a special waste building at MDOC.
\$116,500	Regrading, repaving, and constructing a special waste building at RDOC.
\$118,000	Reconfiguring the Environmental Depot building to bring Local Color Paint processing back. ²
\$100,000	Upgrading the CSWD website and site planning and design for the construction of a new administrative building. ³
\$70,000	Upgrading the District POS system with TrueCloud ERP (WeighPay)

- 1) Associated cost share for infrastructure with third party.
- 2) CSWD received a VT ANR infrastructure grant that will match 60% of the project costs; anticipated \$70,800 from state.
- 3) Administrative building design and planning to include a comprehensive energy efficiency analysis.

There are expected to be sufficient cash reserves available to finance the \$2,668,200 cash-funded capital expenditures budgeted for FY 22. The changes at the Organics Diversion Facility are the result of a planned conversion in long term facility approach from a manufacturer of compost to organics management with a focus on maintaining a strict economic plan and efficient operating strategy.

Capital Fund Balances:

FY 21 Beginning Balance	\$ 4,966,258
FY 21 Budgeted Contributions	\$ 668,468
FY 21 Projected Interest	\$ 4,670
FY 21 Projected Expenses	<u>\$ 1,735,732</u>
FY 21 Budgeted Balance	\$ 3,903,664
FY 22 Projected Beginning Balance	\$ 3,903,664
FY 22 Budgeted Contributions	\$ 450,000
FY 22 Projected Interest	\$ 4,500
FY 22 Budgeted Expenses	<u>\$ 3,118,200</u>
FY 22 Budgeted Balance	\$ 1,239,964

**CHITTENDEN SOLID WASTE DISTRICT
CAPITAL PROJECTS 5 YEAR PLAN**

FY 21 Projected	FY22	FY23	FY24	FY25
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MATERIALS RECOVERY FACILITY

Site Work

General (assume new facility)	Repave lot					
	Replace Stormwater System (1993)					
	Replace Septic system (1993)					
Sub Total		0	0	\$0	\$0	\$0

Building & Building Repair

General	Refurbish Tip Floor	\$10,685	\$25,000			
	Building Roof (1993)					
	Presort Enclosure (2003)					
	Refurbish bathroom		\$30,000			
	Refurbish Tip Floor Steel Side wall	\$0				
	Ventilation and heating system					
Sub Total		\$10,685	\$55,000	\$0	\$0	\$0

Capital Equipment

Fiber Line	Sorting Conveyor		\$30,000			
Single Stream System	MC 1					
Sub Total		\$0	\$30,000	\$0	\$0	\$0

Rolling Stock

general	2 c.y. Compactor & 35 c.y. Roll-Off					
	Forklift #1	\$26,000				\$35,000
	Forklift #2	\$26,000				\$35,000
	#1 Skid Steer		\$40,000			
	#2 Skid Steer			\$41,000		
	Front End Bucket Loader	\$200,000				
Sub Total		\$252,000	\$40,000	\$76,000	\$0	\$70,000

New MRF Project

	Site and design plan development (full)		\$200,000			
	Bond Attorney		\$9,200			
	Communication materials		\$40,000			
	bond (\$18,000,000 est. = \$1,325,000 annual)			XXXXXX	\$0	\$0
Sub Total			\$249,200	\$0	\$0	\$0
Total MRF		\$262,685	\$374,200	\$76,000	\$0	\$70,000

FY 21 Projected	FY22	FY23	FY24	FY25
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ORGANICS DIVERSION FACILITY

Site Work

electrical and water for pressure washer at windrow turner location	\$5,000				
Sub Total	\$5,000	\$0	\$0	\$0	\$0

Building & Building Repair

Widen road ASP to Buzzi \$8500	\$8,500				
Concrete patching (wear abatement)					
Concrete Pad Replacement (mixing bay)		\$32,000			
Sub Total	\$8,500	\$32,000	\$0	\$0	\$0

Capital Equipment

Komptech L3 Screener (2012)					\$750,000
ASP BLOWER SYSTEM (AERATED STATIC PILE)					
Sub Total	\$0	\$0	\$0	\$0	\$750,000

Rolling Stock

2003 MACK PUMP TRUCK (4500 GAL TANK)				\$120,000	
Loader #1 (2021)	\$255,000				
Loader #2 (2018)					\$260,000
Purchase attachments for 644 coupler compatibility	\$0				
Used Triaxle Dump truck (ADT)	\$155,000				
JCB 527-55 LOADALL TELEHANDLER (2011)		\$145,000			
stacking conveyor	\$70,000				
Sub Total	\$480,000	\$145,000	\$0	\$120,000	\$260,000

ODF Expansion

Phase I					
Site Expansion	\$799,422				
Transfer modifications (stop gap)	\$0				
State of Vermont Grant - \$500K	(\$348,000)				
Sub Total	\$451,422	\$0	\$0	\$0	\$0

Phase II					
Consulting	\$ 90,000				
site work		\$350,000			
ODF Admin/scalehouse		\$150,000			
scale		\$150,000			
water line		\$400,000			
Misc		\$55,000			
Sub Total	\$90,000	\$1,105,000	\$0	\$0	\$0

Phase III					
site work		\$75,000			
Paving		\$265,000			
booth		\$35,000			
solar (?)			\$75,000		
Sub Total	\$0	\$375,000	\$75,000	\$0	\$0

Total ODF	\$1,034,922	\$1,657,000	\$75,000	\$120,000	\$1,010,000
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FY 21 Projected	FY22	FY23	FY24	FY25
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Roll-OFF and Maintenance

Building & Building Repair

Overhead door	\$ -				
Sub Total	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Equipment

new roll-off containers	\$ 60,000		\$ 100,000		\$ 100,000
Sub Total	\$ 60,000	\$ -	\$ 100,000	\$ -	\$ 100,000

Rolling Stock

2004 EQUIPMENT TRAILER	\$ 9,100				
2005 KENWORTH ROLL OFF TRUCK T800 #1		\$ 255,000			
2005 JD 644G Loader EDOC					\$ 30,000
2011 FORD F350 PICKUP TRUCK - Rack Truck		\$ 55,000			
2014 JD 644K Loader Maint				\$ 250,000	
2014 JD 544 MRF loader - rehab	\$ 34,025				
Hook Truck	\$ 38,000				
Organics Containers	\$ 110,000				
2014 Volvo L30GS mini-loader				\$ 110,000	
Used Oil Trailer					\$ 25,000
Sub Total	\$ 191,125	\$ 310,000	\$ -	\$ 360,000	\$ 55,000

Total Roll-Off and Maintenance	\$251,125	\$310,000	\$100,000	\$360,000	\$155,000
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FY 21 Projected	FY22	FY23	FY24	FY25
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Drop Off Centers

Site Work

BDOC	Flynn Ave site development			\$ 550,000		
Sub Total		\$ -	\$ 65,000	\$ 550,000	\$ -	\$ -
EDOC	Design for Expansion site work	\$ 6,500			\$ 30,000	
	Concrete pads under containers	\$ 12,000				
	Overlay lot and road					\$ 60,000
	COMPACTOR 4-yd Recycling	\$ 30,000				
	COMPACTOR 2-yd MSW			\$ 16,500		
Sub Total		\$ 48,500	\$ -	\$ 16,500	\$ 30,000	\$ 60,000
MDOC	Complete grind and regrade		\$ 55,000			
	Special waste building		\$ 45,000			
	COMPACTOR 2yd Recycling		\$ 16,500			
Sub Total		\$ -	\$ 116,500	\$ -	\$ -	\$ -
RIC	new tip wall					\$ 25,000
	relocating Gate and new Road					
	Complete grind and regrade	\$ 7,000	\$ 55,000			
	Special waste building		\$ 45,000			
	COMPACTOR 2-yd		\$ 16,500			
Sub Total		\$ 7,000	\$ 116,500	\$ -	\$ -	\$ 25,000
SOB	Design for Expansion			\$ 30,000		
	Pothole repair	\$ 5,500				
	Concrete pads under containers		\$ 20,000			
	COMPACTOR - WASTEQUIP MOD 245HD		\$ 18,000			
	COMPACTOR - WASTEQUIP MOD 245HD		\$ 18,000			
Sub Total		\$ 5,500	\$ 56,000	\$ 30,000	\$ -	\$ -
DOC decommission if needed			\$ 50,000			
Sub total		\$ -	\$ 50,000	\$ -	\$ -	\$ -

Capital Equipment

	Oil Tank replacement projects (2 each)	\$ 6,000				
Sub Total		\$ 6,000	\$ -	\$ -	\$ -	\$ -
Total Drop Off Centers		\$ 67,000	\$ 404,000	\$ 596,500	\$ 30,000	\$ 85,000

FY 21 Projected	FY22	FY23	FY24	FY25
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HAZARDOUS WASTE AND LATEX PAINT

Building & Building Repair

Roof Replacement (25 yrs old)	\$ 70,000				
bring working floor to grade and bring back paint (grant dependent)		\$ 118,000			
Replace Sea Container (with light panels) added to ops budget					
Refurbish outdoor haz store bldgs (2) added to ops budget					
Sub Total	\$ 70,000	\$ 118,000	\$ -	\$ -	\$ -

Rolling Stock

ROVER truck (1999)			\$ 95,000		
Sub Total		\$ -	\$ 95,000		
Total HAZARDOUS WASTE AND LATEX PAINT	\$ 70,000	\$ 118,000	\$ 95,000	\$ -	\$ -

Administration

Site Work

Repave parking Lot			\$ -		
Sub Total		\$ -	\$ -	\$ -	\$ -

Capital Equipment

New Server, routers switches, - every 5 yrs	\$ -	\$ 35,000			
POS upgrade - Weight Pay		\$ 70,000			
website upgrades		\$ 45,000			
New Phone System - (every 5 years)			\$ -		
Sub Total	\$ -	\$ 150,000	\$ -	\$ -	\$ -
	FY 21 YTD	FY22	FY23	FY24	FY25

New Admin Building

site design and permitting		\$ 55,000			
construction			\$ 1,500,000		
Sub Total	\$ -	\$ 55,000	\$ 1,500,000	\$ -	\$ -
Total Administration		\$ 205,000	\$ 1,500,000	\$ -	\$ -

Bulky Waste Facility (old MRF)

Total BWF	\$0	\$0	\$0	\$0	\$0
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Contingency		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Cap Cost		\$ 1,735,732	\$ 3,118,200	\$ 2,492,500	\$ 560,000	\$ 1,370,000
MRF input		\$ (256,500)	\$ (450,000)	\$ (450,000)	\$ (450,000)	\$ (450,000)
ODF input		\$ -	\$ -	\$ -	\$ -	\$ (15,000)
DOC input		\$ (190,303)	\$ -	\$ -	\$ -	\$ -
Cap Reserve Support		\$ 1,288,929	\$ 2,668,200	\$ 2,042,500	\$ 110,000	\$ 905,000
Cap Reserve	\$	5,639,396	\$ 3,903,664	\$ 1,239,964	\$ (802,536)	\$ (110,000)
amount for General Fund to support		\$ -	\$ -	\$ 802,536	\$ 110,000	\$ 905,000