



Kootenai County Snowgroomer Department

2021/2022 Operating Season Year End Report



Routes Groomed

Miles Groomed

	Dec-21 Routes	Jan-22 Routes	Feb-22 Routes	Mar-22 Routes	Apr-22 Routes
Groomer 11	6	12	9	2	0
Groomer 12	6	7	7	0	0
Groomer 15	2	11	12	6	0
Total Routes:	14	30	28	8	0

	Dec-21 Miles	Jan-22 Miles	Feb-22 Miles	Mar-22 Miles	Apr-22 Miles
Groomer 11	211.5	454.3	423.5	22.7	0
Groomer 12	206.1	213	218.2	0	0
Groomer 15	33.5	486.4	533.5	209	0
Total Miles:	451.1	1153.7	1175.2	231.7	0

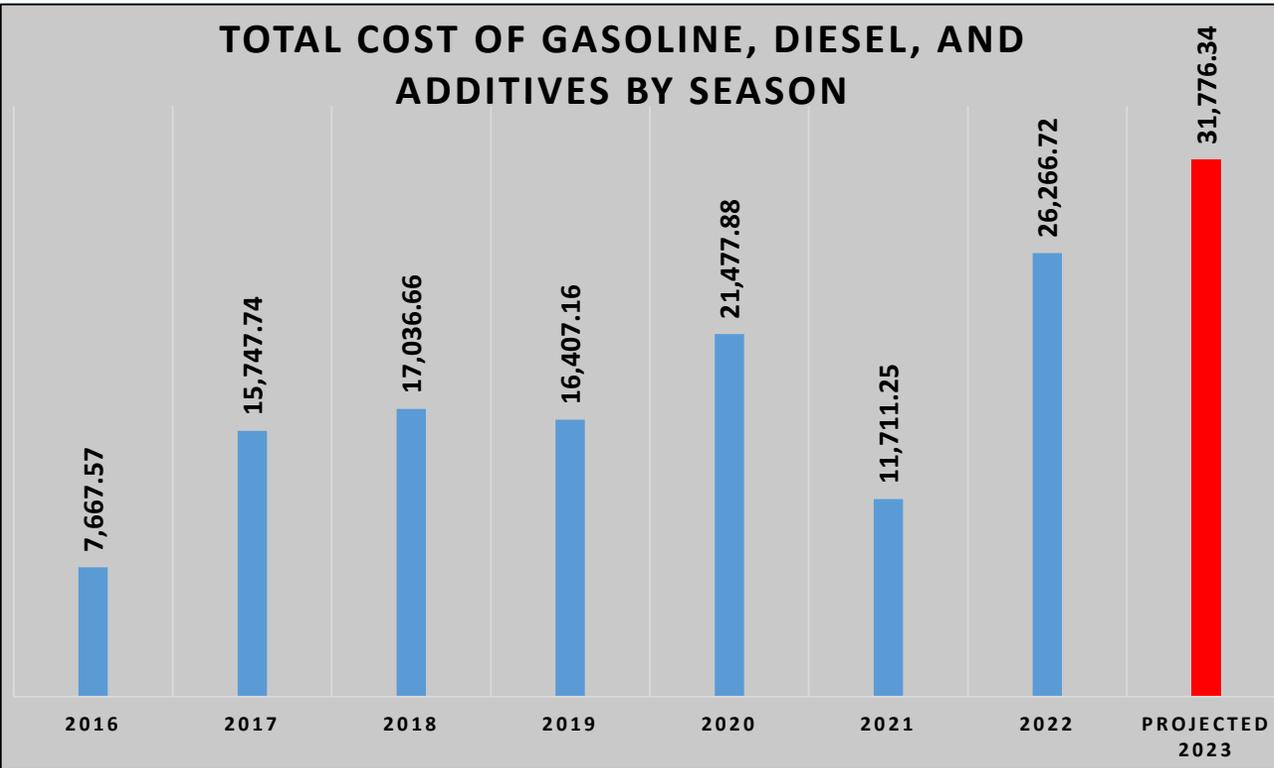
Total Routes: 80

Total Miles: 3011.7

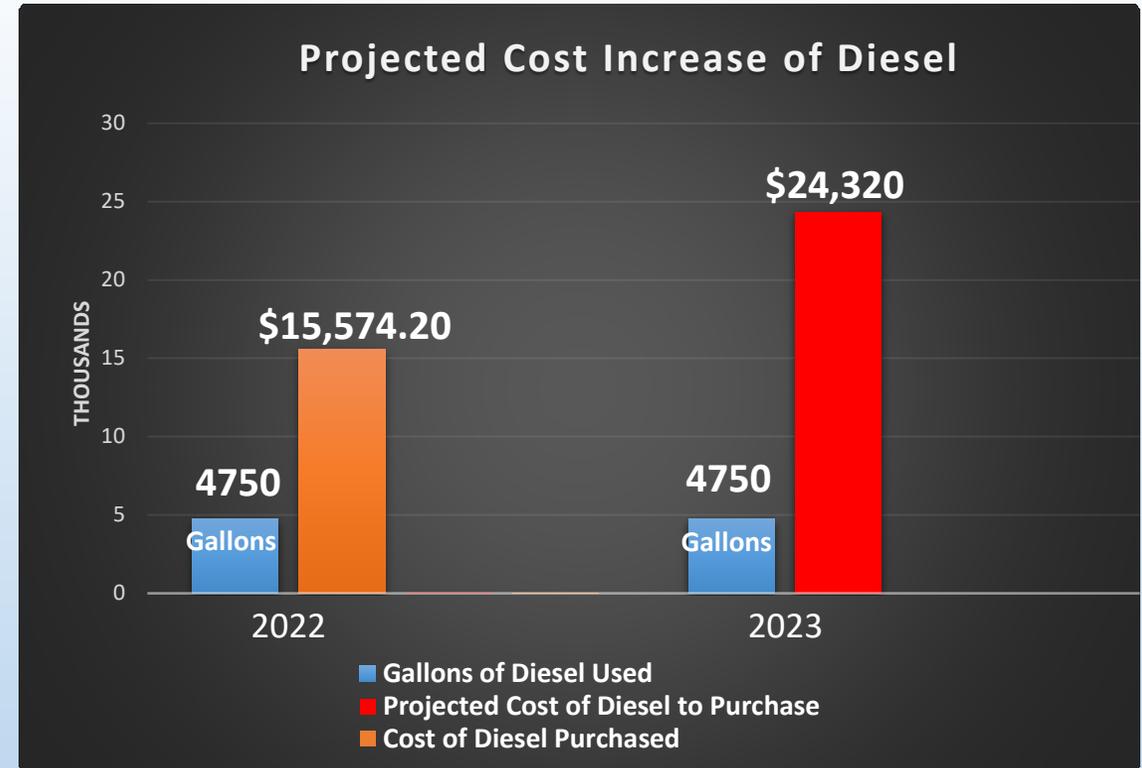
2021/2022 Season

Total Costs of Fuel and Additives

TOTAL COST OF GASOLINE, DIESEL, AND ADDITIVES BY SEASON



Projected Cost Increase of Diesel



Average price of Gas

2016	\$	2.14
2017	\$	2.42
2018	\$	2.72
2019	\$	2.60
2020	\$	2.20
2021	\$	3.00
2022	\$	3.30
2023	\$	4.13

Average price of Diesel

2016	\$	2.50
2017	\$	2.90
2018	\$	3.12
2019	\$	3.05
2020	\$	2.25
2021	\$	3.64
2022	\$	3.64
2023	\$	5.12

Personnel Hours

Position	Total Hours – 4 Months
Secretary, Administrative	495
Superintendent, Noxious Weed	523
Operations Manager	576
Field Staff (6)	4661
Total	6255

2021/2022 Season

Vehicle Repair

Total:	\$2,883.38
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Equipment Repair/Maintenance

Total:	\$7,468.57
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Grand Total:	\$10,351.95
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2021/2022 Season

REVENUE YEAR END REPORT

Groomer Stickers
Sold 2020-2021

964

Groomer Stickers
Sold 2021-2022

1666

Groomer Sticker Sales - Ops Program Revenue: \$13,345
Average Annual Revenue - State Registration: \$55,500
Approximate Annual Cost to Run Program: \$234,191
Approximate Difference: -\$165,346 Deficit

Groomer Sticker Distribution Percentage per County Ordinance

Snowgroomer Operations (55%)

Kootenai County Sheriff's Office (45%)

Registration Distribution Percentage per County Ordinance

Snowgroomer Operations (90%)

Kootenai County Sheriff's Office (10%)

2021/2022 Season

Fernan Hill Plowing and Sanding

December 2021 Expand all

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	01	02	03	04
05	06	07	08	09	10	11
12	13 Fernan Hill Plowed / Sanded	14	15 Fernan Hill Plowed	16 Fernan Hill Plowed	17	18 Fernan Hill Plowed
19	20 Fernan Hill Plowed	21 Fernan Hill Plowed	22 Fernan Hill Plowed	23 Fernan Hill Plowed	24	25
26	27 Fernan Hill Plowed	28 Fernan Hill Plowed	29	30 Fernan Hill Plowed	31	01

February 2022 Expand all

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	01	02 Fernan Hill Plowed/Sanded	03 Fernan Hill Plowed Fernan Hill Sanded	04 Fernan Hill Sanded	05
06	07	08 Fernan Hill Sanded	09	10 Fernan Hill Sanded	11	12
13	14	15	16	17	18 Fernan Hill Plowed/Sanded	19
20	21	22 Fernan Hill Plowed	23 Fernan Hill Plowed/Sanded	24	25	26
27	28	01	02	03	04	05

January 2022 Expand all

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	01
02	03	04 Fernan Hill Plowed	05 Fernan Hill Plowed	06 Fernan Hill Plowed	07 Fernan Hill Plowed	08 Fernan Hill Sanded
09	10 Fernan Hill Sanded	11 Fernan Hill Sanded	12	13 Fernan Hill Plowed & Sanded, Fernan Saddle Parking Lot Plowed	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	01	02	03	04	05

March 2022 Expand all

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	01	02 Fernan Hill Sanded	03	04	05
06	07	08	09	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	01	02

- Each plow day represents approx. 20-road miles, 10 to 12 staff hours, and approx. \$150 in diesel costs. This does not include staff time for loader repairs and maintenance necessary to maintain the roadway.
- December 13th – February 23rd Plowing: 21-days, 420 road miles plowed, 210+ staff hrs, and \$3,150 in diesel costs. This information does not include costs for *sanding* Fernan Hill.

Plowing Total	21
Sanding Total	13

1992 Loader Repair Cost

Hand controls leaking.
Repair cost \$13,000.



Stress fracture at coupler mount.
Replacement cost \$11,000.



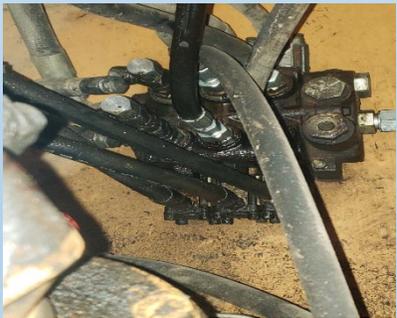
Air safety lock valve.
Rebuild attempt failed. No replacement available.



Pneumatic cylinders leaking and will unlock bucket/blade during operations.



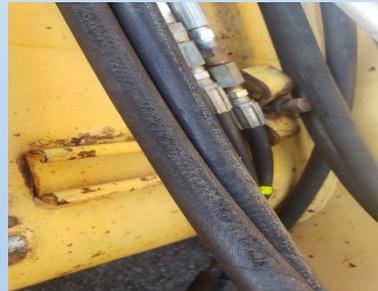
Main hydraulic control valve. No replacement part or rebuild kits available.



Turn cylinder packing is coming out and cylinder is leaking.
Rebuild cost \$150.



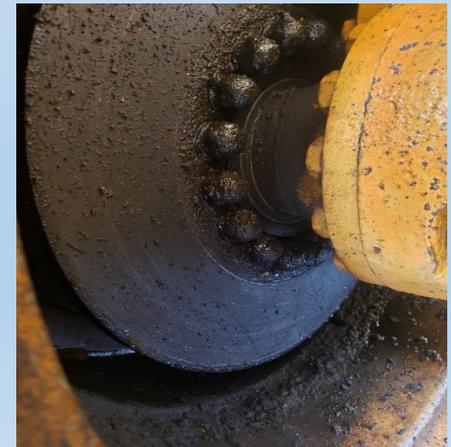
Worn hydraulic lines.



Hydraulic pump is weak and leaking. Unit has extreme difficulty picking the blade or bucket without unusually high RPM. Repair and Labor cost \$7000.



Left front and rear wheel seals leaking onto brakes and hub. Repair cost \$150.



Total Estimate:

\$46,000

Trail Clearing Challenges





End of Season Conditions



End of Season Conditions

