

Appendix A

2022 Waste Report

M.D. of Bonnyville Class 2 Waste Haul Destination (in tonnes)

| | BV Landfill | CL Landfill | MD Transtors | Total |
|------|-------------|-------------|--------------|---------|
| 2022 | 187.81 | 17.10 | 3037.02 | 3241.93 |
| 2021 | 101.44 | 27.86 | 3153.16 | 3282.46 |
| 2020 | 202.62 | 38.94 | 3010.91 | 3252.47 |
| 2019 | 264.93 | 66.16 | 2863.84 | 3194.93 |
| 2018 | 189.09 | 48.91 | 2852.05 | 3090.05 |

Total Annual Waste Cost

| | Tipping | Hauling | Total |
|------|--------------|--------------|--------------|
| 2022 | \$192,229.59 | \$132,832.00 | \$325,061.59 |
| 2021 | \$187,241.32 | \$114,521.12 | \$301,762.44 |
| 2020 | \$195,480.12 | \$111,180.96 | \$306,661.08 |
| 2019 | \$197,559.57 | \$189,193.23 | \$386,752.80 |
| 2018 | \$194,924.59 | \$283,327.78 | \$478,252.37 |
| 2017 | \$251,193.49 | \$198,918.60 | \$450,112.09 |

Class 2 Tipping Fee Breakdown at Bonnyville Landfill

| | Residential (t) | Front Load (t) | Fees |
|------|-----------------|----------------|-------------|
| 2022 | 126.43 | 61.38 | \$26,481.59 |
| 2021 | 72.16 | 101.44 | \$24,481.48 |
| 2020 | 87.93 | 114.69 | \$28,568.56 |
| 2019 | 56.59 | 208.34 | \$35,633.36 |
| 2018 | 64 | 189.09 | \$35,684.00 |

Class 2 Tipping Fee Breakdown at Cold Lake Landfill

| | Residential (t) | Front Load (t) | Fees |
|------|-----------------|----------------|------------|
| 2022 | 3.56 | 13.54 | \$2,031.00 |
| 2021 | 0 | 27.86 | \$4,581.80 |
| 2020 | 0 | 34.45 | \$5,837.50 |
| 2019 | 0 | 66.16 | \$8,710.75 |
| 2018 | 1.8 | 48.91 | \$6,657.50 |

Beaver River Regional Waste Management Commision Fee Breakown

Hauling

| | Haul Rate | Haul Cost |
|------|-------------------|--------------|
| 2022 | \$50.49t/\$34.35t | \$132,832.00 |
| 2021 | \$34.35t/\$32.75t | \$114,521.12 |
| 2020 | \$36.05t/\$34.35t | \$111,180.96 |
| 2019 | \$98.00t/\$36.05t | \$189,193.23 |
| 2018 | \$98.00t | \$283,327.78 |
| 2017 | \$95.00t | \$198,918.60 |
| 2016 | \$90.00t | \$152,842.50 |
| 2015 | \$85.00t | \$136,612.30 |

Tipping

| | Tipping Rate | Tonnes | Tipping Cost |
|------|----------------|----------|--------------|
| 2022 | \$53.50/54.50t | 3,037.02 | \$163,717.00 |
| 2021 | \$53.50t | 3,153.16 | \$168,694.62 |
| 2020 | \$53.50t | 3,010.91 | \$161,074.06 |
| 2019 | \$53.50t | 2,863.84 | \$153,215.44 |
| 2018 | \$53.50t | 2,852.05 | \$152,583.09 |
| 2017 | \$53.50t | 2,093.88 | \$112,022.58 |
| 2016 | \$53.50t | 1,698.25 | \$88,156.11 |
| 2015 | \$50.00t | 1,530.67 | \$76,533.50 |

Increased transtor (M.D. Landfill) usage - decreased Bonnyville/Cold Lake usage

Transtors - 97.6% of waste collected - 9-10 trucks/week (3/week in 2015)

Cold Lake - 0.4% of waste collected - 0/week (3/week in 2015)

Bonnyville - 2.0% of waste collected - 0/week (4/week in 2015)

| | | |
|---------|-------------|--------------|
| 3111.94 | 0.975924986 | MD Transtors |
| | 0.019724031 | BV Landfill |
| | 0.004350984 | CL Landfill |

30-yard Bin Hauling (Class 3, metal, wood)

| | Fees |
|------|--|
| 2022 | \$21,534.19 Wildrose Disposal |
| 2021 | \$21,393.75 Wildrose Disposal |
| 2020 | \$26,418.00 Wildrose Disposal |
| 2019 | \$28,245.01 Cold Lake Recycling & Waste/Wildrose |
| 2018 | \$17,797.50 Cold Lake Recycling & Waste |
| 2017 | \$9,866.85 Cold Lake Recycling & Waste |
| 2016 | \$10,380.00 Cold Lake Recycling & Waste |
| 2015 | \$11,138.40 SS&M/Waste Management |

Landfill Visits

| | Ardmore | Fort Kent | Goodridge | Hilda Lake | La Corey | Muriel Lake | Therien | TOTAL |
|------|---------|-----------|-----------|------------|----------|-------------|---------|-------|
| 2022 | 11897 | 7028 | 1135 | 4601 | 5977 | 1829 | 3095 | 35562 |
| 2021 | 12744 | 7079 | 1107 | 3532 | 6161 | 2193 | 3203 | 36019 |
| 2020 | 13311 | 7462 | 1136 | 3461 | 6776 | 2260 | 3401 | 37807 |
| 2019 | 12735 | 6670 | 1089 | 3345 | 6270 | 1586 | 2943 | 34638 |
| 2018 | 11967 | 6289 | 1062 | 3355 | 6417 | 1480 | 3023 | 33593 |
| 2017 | 12645 | 6386 | 1051 | 3706 | 5940 | 1614 | 2818 | 34160 |

Class 3 Dry, Inert Waste

During 2022, Class 3 inert waste was delivered to landfill sites by residents and by a commercial contract hauler of the 30-yard bins from Muriel Lake and Fort Kent. Class 3 waste is not scaled, however, there is an assumption that on average each vehicle disposes 20kg of this waste per visit. Using this number we can estimate that **approximately 711.24 MT of Class 3 waste was disposed of in our M.D. owned and operated landfills from residential customers.**

| Class III Landfill | 2022 Visits | Waste (tonnes) |
|--------------------|--------------|----------------|
| Ardmore | 11897 | 237.94 |
| La Corey | 14834 | 296.68 |
| Hilda Lake | 4601 | 92.02 |
| Therien | 3095 | 61.90 |
| Goodridge | 1135 | 22.70 |
| Total | 35562 | 711.24 |

La Corey includes waste from Muriel Lake & Fort Kent