

# Options for Reducing Wastewater Overstrength Charges to Residents

(Existing County Wastewater Disposal Rate is \$10/m<sup>3</sup> to users)

| Options   | Cost to Holding Tank Owners | Cost to Septic Tank Owners | Impact on Wastewater Haulers  | Indirect Impact on Residents  |
|---|-----------------------------|----------------------------|---|---|
| 1<br>Status quo with full cost recovery of overstrength charges.  | \$20/m <sup>3</sup>         | \$20/m <sup>3</sup>        | Increased costs passed onto homeowners  | Holding tank owners will have annual transfer station cost of approx. \$3,060/yr.<br><br>Septic tank owners have annual transfer station cost of approx. \$60/yr.   |
| 2<br>Build a new Treatment system similar to Nisku with sedimentation tank, oil and grease separator, and close the Villeneuve station. | \$16/m <sup>3</sup>         | \$16/m <sup>3</sup>        | Increased costs passed to homeowners. Haul distances to the transfer stations may increase in some cases.<br><br>Also, with the new facility it may have more capacity so there is a shorter waiting times for haulers. | Holding tank owners will have annual transfer station cost of approx. \$2,450/yr.<br><br>Septic tank owners have annual transfer station cost of approx. \$48/yr.<br><br>Some homeowners may see an increase due to more distance from Villeneuve to Stony Plain. |

NOTE: All costs are based on current overstrength charges.

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|---|--|---------|---------|---|--|
| 3 | Build a new Treatment plant that handles all overstrength parameters at Stony Plain station and close Villeneuve station.                | \$12/m3 | \$12/m3 | <p>Increased costs passed onto homeowners. Haul distances to the transfer stations may increase in some cases.</p> <p>Also, with the new facility it may have more capacity so there is a shorter waiting times for haulers.</p>        | <p>Holding tank owners will have annual transfer station cost of approx. \$1,836/yr.</p> <p>Septic tank owners have annual transfer station cost of approx. \$36/yr.</p> <p>Some homeowners may see an increase due to more distance from Villeneuve to Stony Plain.</p> |
| 4 | Separate wastewater via GPS (potentially a customized phone App) to ensure holding tank wastewater only goes to the Stony Plain Station. | \$4/m3  | \$49/m3 | <p>Decrease in transfers/disposal costs for Holding tanks passed to homeowners.</p> <p>Haul distances to the transfer stations may increase in some cases. Increased disposal/transfer costs for Septic tanks passed to homeowners.</p> | <p>Holding tank owners will have annual transfer station cost of approx. \$612/yr.</p> <p>Septic tank owners have annual transfer station cost of approx. \$147/yr.</p> <p>Haul distances to the transfer stations may increase in some cases.</p>                       |

NOTE: All costs are based on current overstrength charges.