



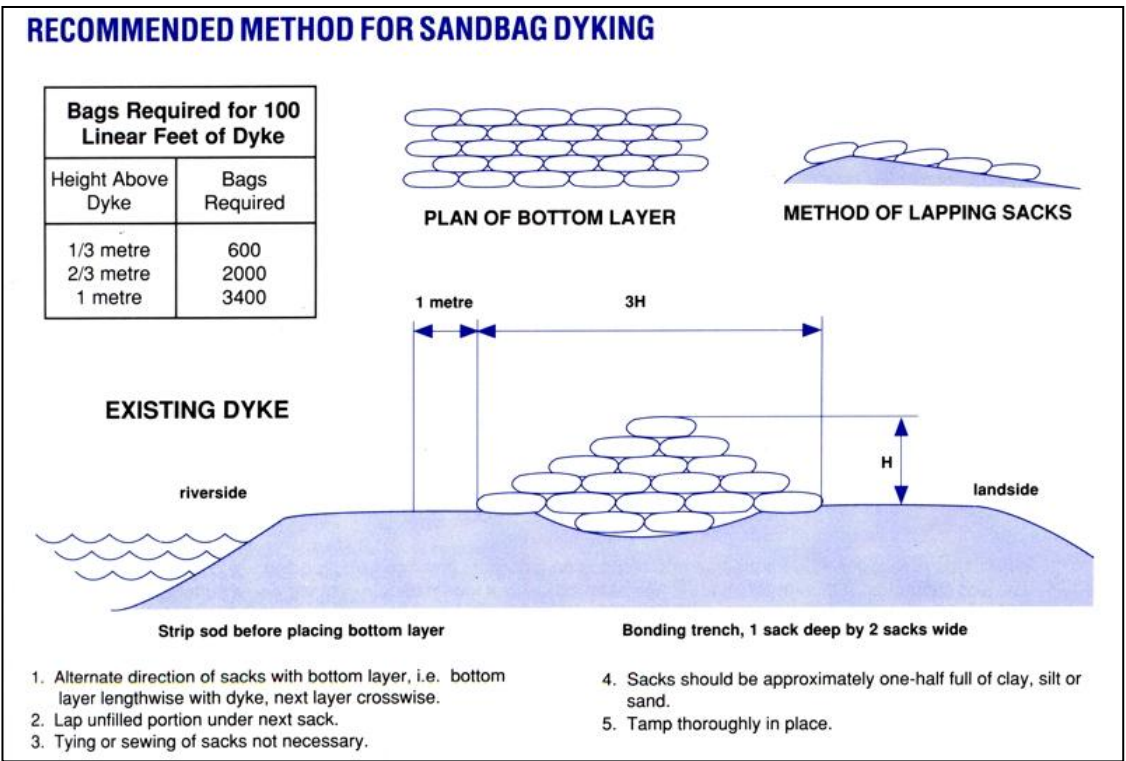
SANDBAGGING

Sandbagging can be costly, labour intensive & carries with it a disposal issue after the waters have receded. Sandbag dykes are usually used in areas that large equipment cannot access and are for areas in which water is an issue for a short (1 week) duration (rivers, streams, etc. overflowing their banks because of rain, etc.). Otherwise they are used for small areas (wells, etc.) or to weigh down objects as they will not "seal" out water. If you have the space, the recommendation is for you to build berms.

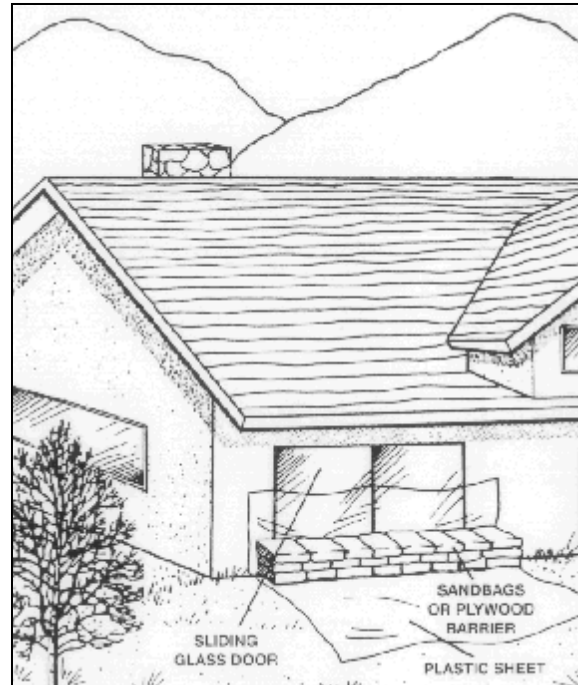
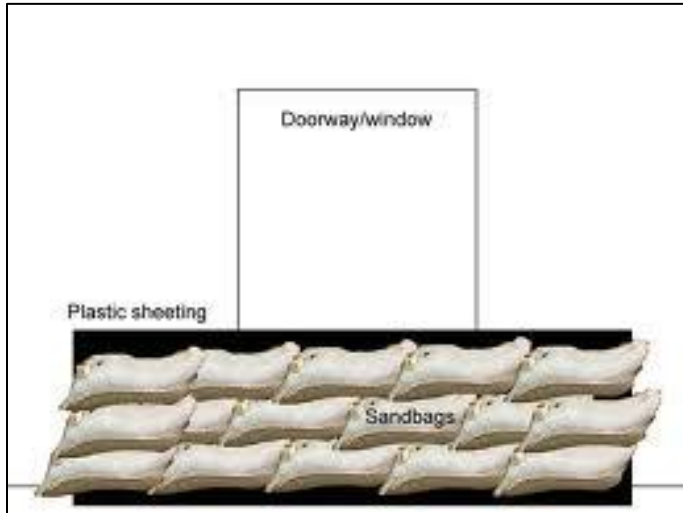
Construction of a sandbag dyke requires special procedures to achieve maximum strength & effectiveness. Should you choose to construct a sandbag dyke to protect your property the following tips may be useful

Bags Required for 100 Linear Feet of Dyke	
Height Above Dyke	Bags Required
1/3 metre	600
2/3 metre	2000
1 metre	3400

1. Strip the sod or ground cover beneath the area for the proposed dyke and dig a "bonding trench" one sack in depth and two sacks wide as a foundation for the dyke structure.
2. To effectively provide protection from the forces of flooding water a **dyke must be three times as wide at its base as it is high**. A dyke intended to be 1-metre high must have a 3-metre wide base.
3. Sandbags should **never be filled more than half-full** and must be laid in alternating crisscross directions. The base level should be laid parallel to the flow of the water; the second level should be laid perpendicular to the flow, with the third level again laid parallel, continuing to the intended height of the dyke. Each successive layer is set back one-half sandbag width on both sides in each additional layer. A side view of a completed dyke would show a triangular cross section.
4. Individual bags need not be tied shut. Overlapping by successive bags will hold the sand in place. The method of keeping bag contents in place is called "lapping."
5. As individual bags are put in place, each must be tamped firmly to ensure maximum performance and strength in the finished dyke.



Placing plastic sheeting against openings, before sandbagging doors & windows is an effective way of preventing mud and debris from entering through these openings (see pictures below).



If you are interested in sourcing sandbags/sand, a list can be found below of local suppliers to get you started.

SUPPLIES FOR SANDBAGGING

PLEASE check the yellow pages in your phone book for other Suppliers.

Sand

- ◆ Allrock Hauling - 933-1881
Pit Location: 838 50th Street East
- ◆ Froese Concrete - 933-2123
Pit Location: Warman
- ◆ Froese Aggregates – 239-4747
Pit Location: Warman
- ◆ Geransky Bros. - 931-2211
Pit Location: Martensville
- ◆ Inland Aggregates - 652-3805
Pit Location: Sutherland
- ◆ Red Deer Industrial Sands - 242-1363
Pit Location: Near Borden Bridge

Sandbags (2011 Prices)

- ◆ Shippers Supply: Empty bags only
2815 A Cleveland Ave
Saskatoon SK
(306) 242-6266
- ◆ Flaman Sales: Empty bags only
If buying less than 1000 empty sandbags:
\$0.50/bag
If buying more than 1000 empty
sandbags: \$0.40
(306) 934-2121
- ◆ Sandbag Distributer
Brian Bain
(306) 227-6800 (Cell)
Prefilled or Empty
- ◆ Beaver Forest Products
517 Isabella St West
Saskatoon SK
Bob Thomas: (306) 220-1278 or
(306) 384-5957
\$5.95/filled sandbag
\$0.45/empty sandbag

The information and list of suppliers being presented in this material represents general tips for consideration & is provided to help residents of the R.M. of Corman Park be better prepared to deal with the perils of flooding. Responsibility for interpretation of the contents of this material rests with the user. This information is provided solely for the user's information and does in no way endorse certain suppliers/companies &, while thought to be accurate, is provided strictly as is & without warranty of any kind, either expressed or implied. The Rural Municipality of Corman Park hereby disclaims any liability or responsibility for any injury or damage resulting from the use, directly or indirectly, of the information contained herein.