

Table xx - Calculation of Floodproofing Cost Savings

Annual land demanded for growth (2018 - 2068)	266							
Number of years	<u>50</u>							
Total land demanded for growth (2018 - 2068)	13,300							
	<u>Tier 1</u>	<u>Tier 2</u>	<u>Fargo</u>	<u>Total</u>	<u>Acres benefited per year</u>	<u>Savings per acre</u>	<u>Savings per year</u>	
Area available for future growth	6300	11800	1600	19700				
Growth areas in 100-year flood plain	5100	7800	800	13700				
100-yr land opened by ND 35k and 30k plans	5000	6900	800	12700				
Land benefitted	5000	5400	800	11200	224	\$ 46,550	\$ 10,427,200	
Land outside of 100-yr floodplain	1200		800	2000				
Land req floodproofing	<u>100</u>			<u>100</u>				
	6300	5400	1600	13300				
100-yr land opened by MN Short 35k and 30k plans	4600	1600	500	6700				
Land benefitted	4600	1600	500	6700	134	46,550	6,237,700	
Land outside of 100-yr floodplain	1200		800	2000				
Land req floodproofing	<u>500</u>	<u>3800</u>	<u>300</u>	<u>4600</u>				
	6300	5400	1600	13300				
100-yr land opened by MN Short 25k plan	4600	1600	500	6700				
Land benefitted	4600	1600	500	6700	134	46,550	6,237,700	
Land outside of 100-yr floodplain	1200		800	2000				
Land req floodproofing	<u>500</u>	<u>3800</u>	<u>300</u>	<u>4600</u>				
	6300	5400	1600	13300				
100-yr land opened by MN Short 20k plan	4300	1600	500	6400				
Land benefitted	4300	1600	500	6400	128	46,550	5,958,400	
Land outside of 100-yr floodplain	1200		800	2000				
Land req floodproofing	<u>800</u>	<u>3800</u>	<u>300</u>	<u>4900</u>				
	6300	5400	1600	13300				
100-yr land opened by MN Short 15k plan	3700	1600	500	5800				
Land benefitted	3700	1600	500	5800	116	46,550	5,399,800	
Land outside of 100-yr floodplain	1200		800	2000				
Land req floodproofing	<u>1400</u>	<u>3800</u>	<u>300</u>	<u>5500</u>				
	6300	5400	1600	13300				