



CSO MASTER PLAN PHASE 1 PUBLIC PARTICIPATION FEEDBACK REPORT

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BACKGROUND AND METHODOLOGY

In February 2015 the City of Winnipeg initiated a public engagement process to receive feedback on a plan to reduce combined sewer overflows and manage their effects in an environmentally sound, sustainable and cost-effective manner.

Public feedback on the second part of the public engagement process was collected from September 2 – October 5, 2015. Feedback was captured at the public meetings using live polling technology and dotmocracy, and online through a survey.

Public Meeting Date	Attendees
Monday, September 14, 2015	24
Tuesday, September 15, 2015	29

Responses for polling technology questions ranged from 50 to 54.

There were 13-23 responses received online, with more responses received for the criteria.

A parallel survey was provided to the Stakeholder Advisory Committee, where results can be found in its separate report (*Stakeholder Advisory Committee: What was heard*).

Since the respondents of the feedback methods are self-selecting, the results are not scientific and only a summary of the responses received. This means that no estimates of sampling error can be calculated and therefore no margin of error is attributed to the results in the report. It is not recommended to extrapolate the results to a general population.

LIVE POLLING RESULTS

Questions were asked at the Public Meetings using live polling technology.

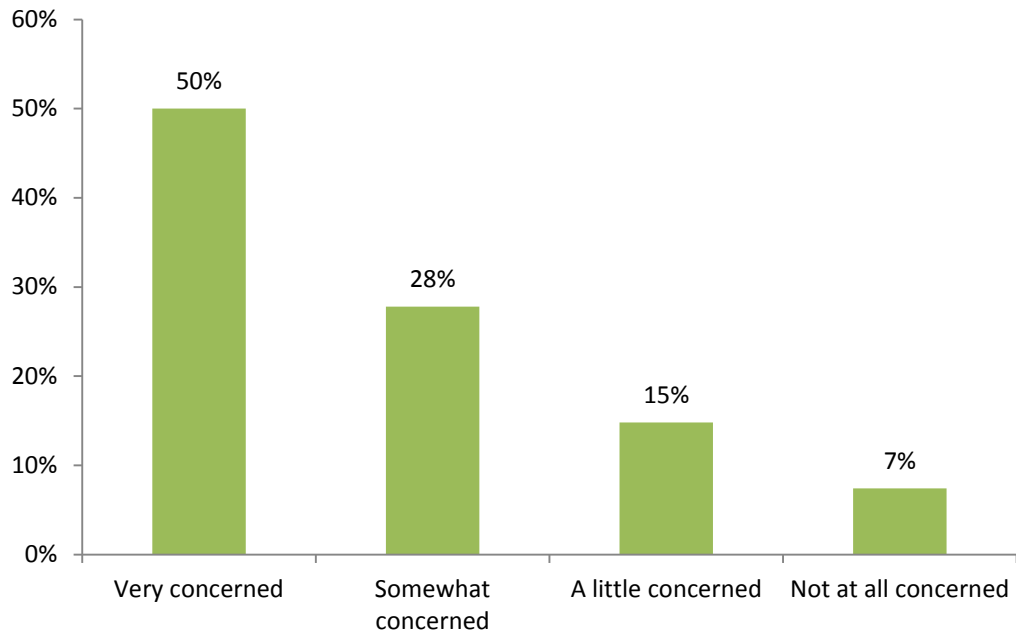
Profile of Respondents

AREA OF CITY	TOTAL % (n=51)
Southwest	22%
Southeast	20%
Northwest	18%
Northeast	4%
Downtown	20%
Outside of Winnipeg	18%

AREA OF INTEREST	TOTAL % (n=53)
Government agency	25%
Member of the general public	23%
Environmental interest	19%
Engineering consultant	13%
Other	21%

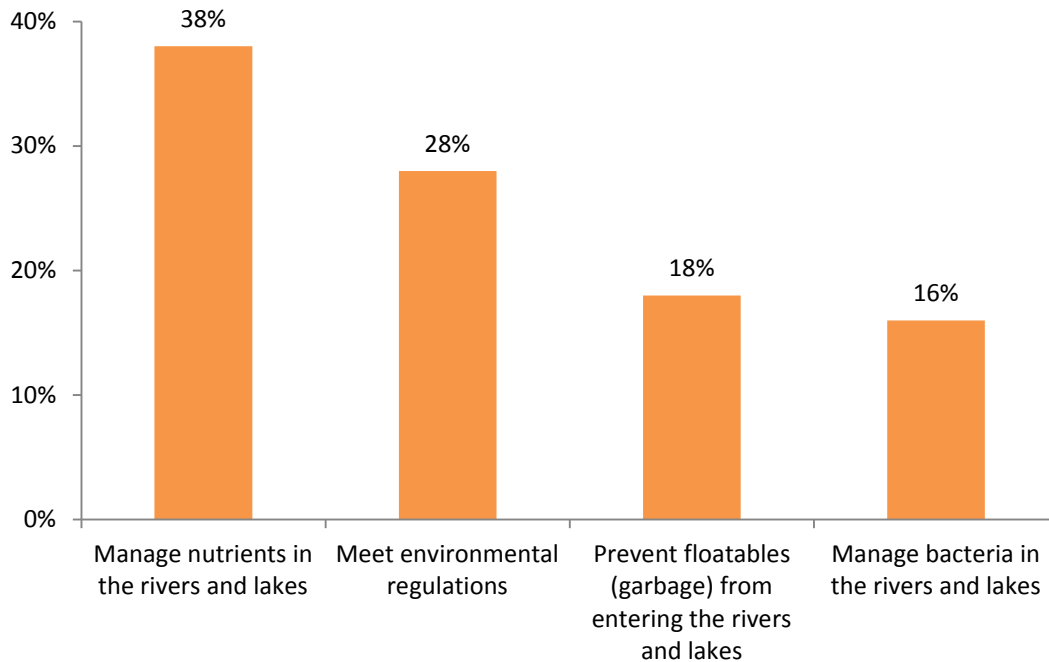
Concern for CSOs

"How concerned are you about CSOs?" (n=54)

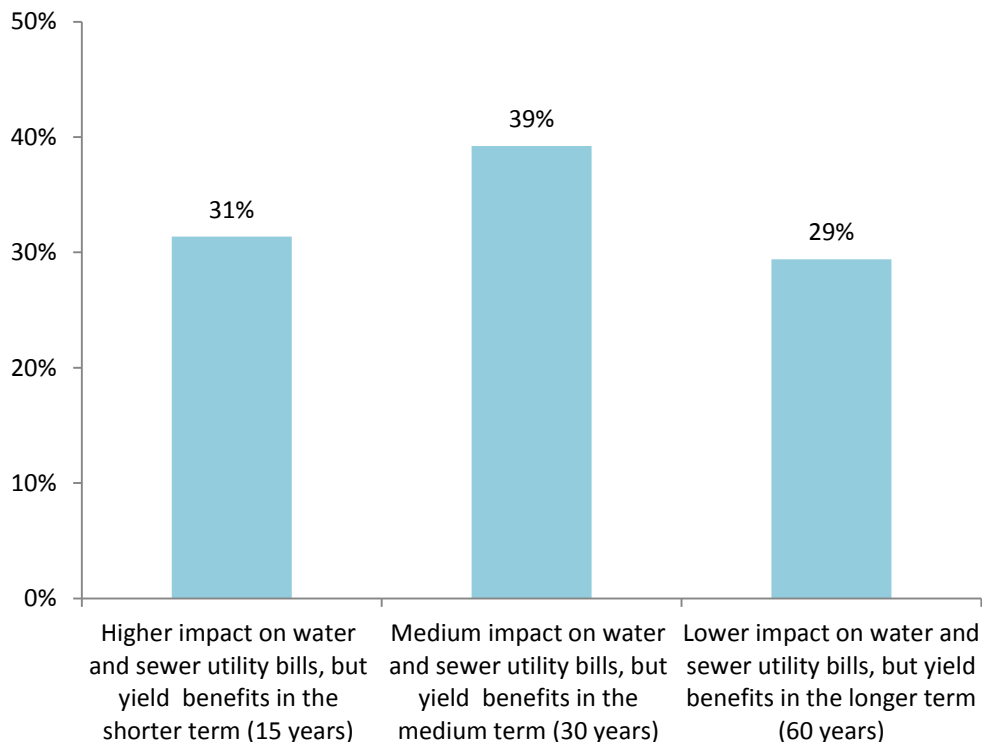


Controlling CSOs

“The most important reason to control CSOs is to:” (n=50)



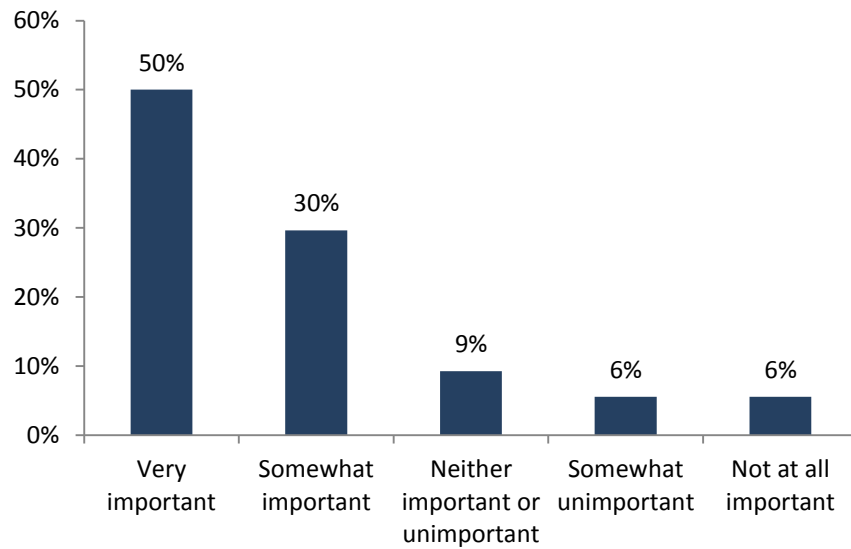
“Provincial legislation requires us to limit CSOs. The limit options have significantly different costs and environmental impacts. We could complete this work in the following ways—which would you prefer:” (n=51)



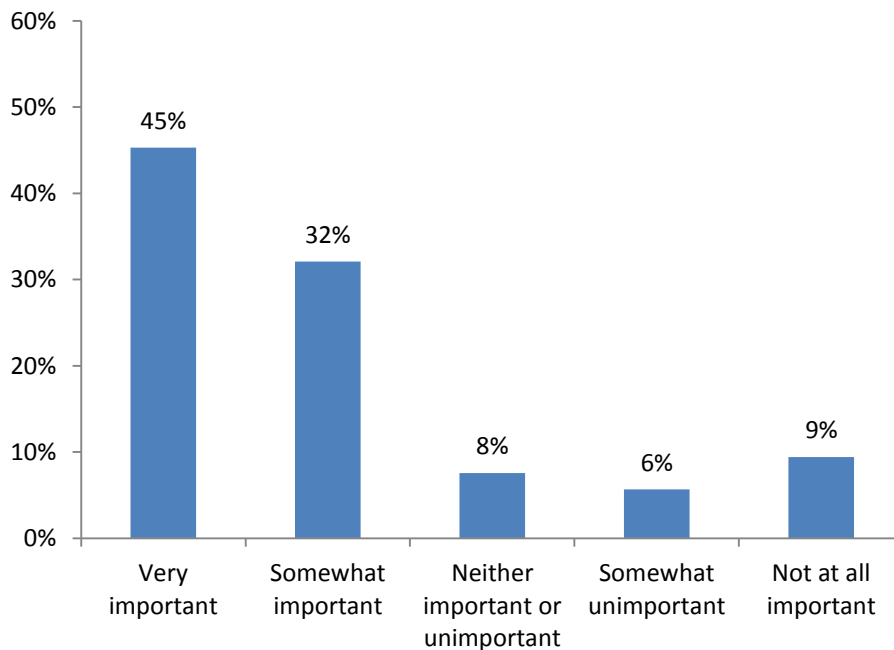
Priority of CSOs

A question was asked near the start of the presentation, and asked again at the end of the presentation to assess how opinions changed.

INITIAL: "Compared to other infrastructure priorities in Winnipeg, like Bus Rapid Transit, Waverly Underpass or Sewage Treatment Plant Upgrades, how important is limiting CSOs?" (n=54)



REPEAT: "Compared to other infrastructure priorities in Winnipeg, like Bus Rapid Transit, Waverly Underpass or Sewage Treatment Plant Upgrades, how important is limiting CSOs?" (n=53)



FEEDBACK ON CRITERIA AND OPTIONS

Feedback on the Criteria

Respondents were provided seven criteria that were being used to evaluate the different control limit options. They were asked to pick their top three most important criteria.

Respondents at the public meetings were given three dot stickers to place on the criteria they supported. The responses received were counted as votes. The overall number of respondents per criterion is not known. Online respondents were also only allowed three choices as the criteria they most supported.

The top three criteria are Lake Winnipeg, River Usability and Livability.

Criterion	TOTAL VOTES	Public Meeting Votes	Online Votes (n=23)
Lake Winnipeg	33	16	17
River Usability	25	13	12
Livability	23	15	8
Innovation & Transformation	21	11	10
Economic Sustainability & Construction Capacity	17	9	8
Value for Cost & Affordability	17	8	9
Visionary & Broader Context	17	12	5

Feedback on the Options – Public Meetings

Respondents were presented five CSO control limit options and were given dots for the options they supported. The responses received were counted as votes. The overall number of respondents per option is not known.

CSO Control Limit Options	Votes
Complete Sewer Separation	12
No more than Four Overflows per Year	5
Zero Overflows in an Average Rainfall Year	4
85% Capture in an Average Rainfall Year	3
Four Overflows in an Average Rainfall Year	3

The most supported option is “complete sewer separation”, while the least supported are “85% capture in an average rainfall year” and “four overflows in an average rainfall year”.

The Current Approach to Overflows was also communicated in a storyboard to provide information on the current infrastructure improvement program, where no votes were intended to be received. There were 4 votes registered for this program.

Feedback on the Options – Online

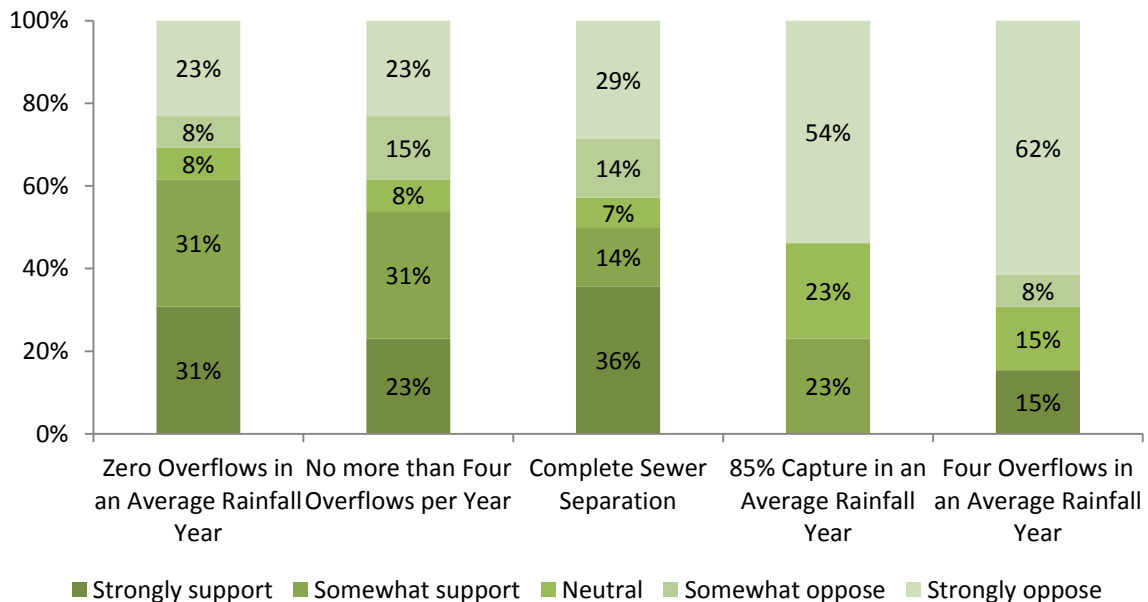
Respondents were presented five CSO control limit options, using a sliding scale to rate each of the option. By assigning a value to the responses a mean could be calculated, where a higher mean correlates to a greater support for the option.

- 5 = Strongly support
- 4 = Somewhat support
- 3 = Neutral
- 2 = Somewhat oppose
- 1 = Strongly oppose

CSO Control Limit Options	Mean
Zero Overflows in an Average Rainfall Year	3.4
No more than Four Overflows per Year	3.2
Complete Sewer Separation	3.1
85% Capture in an Average Rainfall Year	2.2
Four Overflows in an Average Rainfall Year	2.0

The most supported option is “zero overflows in an average rainfall year”, while the least supported is “four overflows in an average rainfall year”.

“Please review all five options and rate each using the scroll bar below:” (n=13-14)



Other Comments Received

Some comments were received at the Public Meetings:

- “Can you guarantee that streets will be repaired as work is done. NOT like at Ness + Route 90 where the streets are still in terrible condition.”
- “Can you guaranty that our basments won’t constantly be flooded with sewage etc.”
- “Have the Province pay for this, if they want it. The pollution from CSO doesn’t greatly impact Lake wpg or the river so why do it.”
- “What ever option is sent to province. Please include green infrastructure options in all”
- “Where do leed initiatives figure into these plans where rainwater is stored on-site and used for toilet flushing, landscape watering.”
- “Missing from the presentation is the results of the city’s efforts in the past to manage rainwater flows to the combined sewers and to water courses/streams in the combined sewers areas”
- “Missing from this discussion was any details the impact of options on sewage treatment operations.”

APPENDIX A

LIST OF LIVE POLLING QUESTIONS

LIST OF LIVE POLLING QUESTIONS

- 1) **Who will win the Grey Cup this year?** [QUESTION TO TEST KEYPADS ARE WORKING]
 - A. Winnipeg Blue Bombers
 - B. Saskatchewan Roughriders
 - C. Ottawa Redblacks
 - D. Who cares, when does hockey start?

- 2) **What brings you to this meeting?**
 - A. Member of the general public
 - B. River user
 - C. Environmental interest
 - D. Engineering consultant
 - E. Government agency
 - F. Other

- 3) **What area of Winnipeg are you from?**
 - A. North West (N of Assiniboine River, W of Red River)
 - B. North East (N of Dugald Rd, E of Red River)
 - C. South East (S of Dugald Rd, E of Red River)
 - D. South West (S of Assiniboine River, W of Red River)
 - E. Downtown
 - F. Outside of Winnipeg

- 4) **How concerned are you about CSOs?**
 - A. Very concerned
 - B. Somewhat concerned
 - C. A little concerned
 - D. Not at all concerned

- 5) **Compared to other infrastructure priorities in Winnipeg, like Bus Rapid Transit, Waverly Underpass or Sewage Treatment Plant Upgrades, how important is limiting CSOs?**
 - A. Very important
 - B. Somewhat important
 - C. Neither important or unimportant
 - D. Somewhat unimportant
 - E. Not at all important

- 6) **The most important reason to control CSOs is to:**
 - A. Meet environmental regulations
 - B. Manage nutrients in the rivers and lakes
 - C. Manage bacteria in the rivers and lakes
 - D. Prevent floatables (garbage) from entering the rivers and lakes

- 7) Provincial legislation requires us to limit CSOs. The limit options have significantly different costs and environmental impacts. We could complete this work in the following ways—which would you prefer:**
- A. Higher impact on water and sewer utility bills, but yield benefits in the shorter term (15 years)
 - B. Medium impact on water and sewer utility bills, but yield benefits in the medium term (30 years)
 - C. Lower impact on water and sewer utility bills, but yield benefits in the longer term (60 years)
- 8) Compared to other infrastructure priorities in Winnipeg, like Bus Rapid Transit, Waverly Underpass or Sewage Treatment Plant Upgrades, how important is limiting CSOs? [POST]**
- A. Very important
 - B. Somewhat important
 - C. Neither important or unimportant
 - D. Somewhat unimportant
 - E. Not at all important