

ReNew Canada - Linear Water Infrastructure Survey



375 Completed Responses

0 Partial Responses



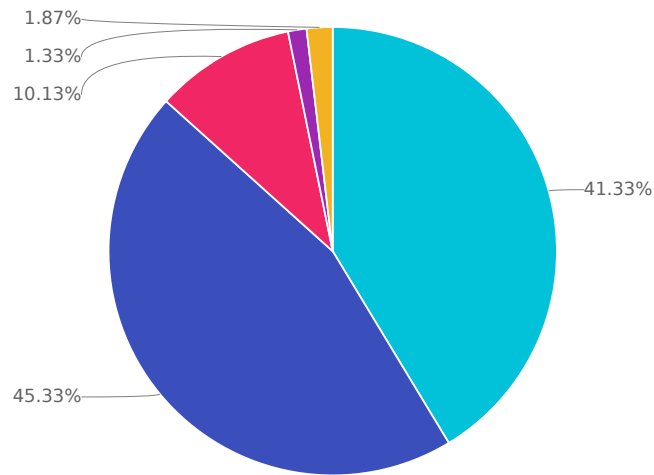
Thank you for completing this short survey which is being sent to environmental and engineering consultants across Canada to enquire about their current practices and opinions related to the management, design and procurement of linear public sector water infrastructure in Canada. If you think this survey has been sent to you in error or if there is someone else in your organization better suited to respond, please email connie@actualmedia.ca

Your responses are anonymous. ReNew Canada editors will be using the aggregate data to support their research and produce an article on linear public sector water infrastructure. If you would like to be contacted for additional content or to engage us further on the topics covered, please add your details to the end of the survey.

Q1

When conducting watermain renewal or rehabilitation how often do you encounter lead infrastructure?

Answered: 375 Skipped: 0



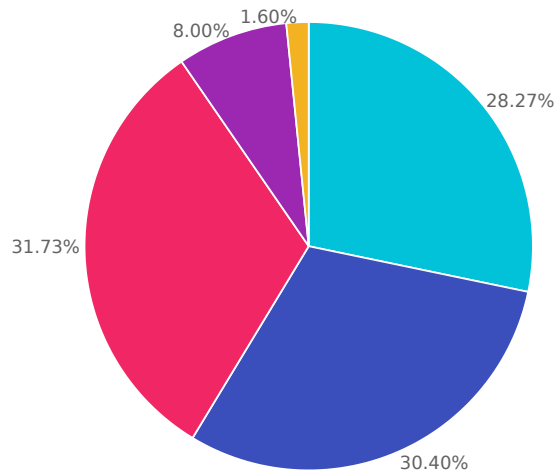
- Regularly
- Sometimes
- Rarely
- Never
- Don't know

| Choices | Response percent | Response count |
|------------|------------------|----------------|
| Regularly | 41.33% | 155 |
| Sometimes | 45.33% | 170 |
| Rarely | 10.13% | 38 |
| Never | 1.33% | 5 |
| Don't know | 1.87% | 7 |

Q2

When working with your municipal clients on linear water infrastructure renewal projects, which do you most often recommend:

Answered: 375 Skipped: 0



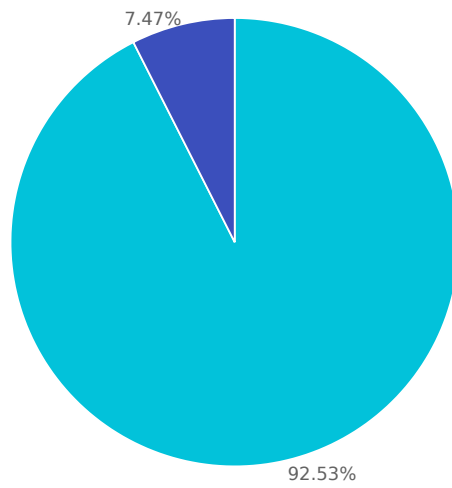
- Full open-cut replacement
- Trenchless rehabilitation solutions
- Combination of both
- Depends on budget
- Other, please explain:

| Choices | Response percent | Response count |
|-------------------------------------|------------------|----------------|
| Full open-cut replacement | 28.27% | 106 |
| Trenchless rehabilitation solutions | 30.40% | 114 |
| Combination of both | 31.73% | 119 |
| Depends on budget | 8.00% | 30 |
| Other, please explain: | 1.60% | 6 |

Q3

Are your municipal customers using leak detection or condition assessment technology before proceeding with a project?

Answered: 375 Skipped: 0



● Yes

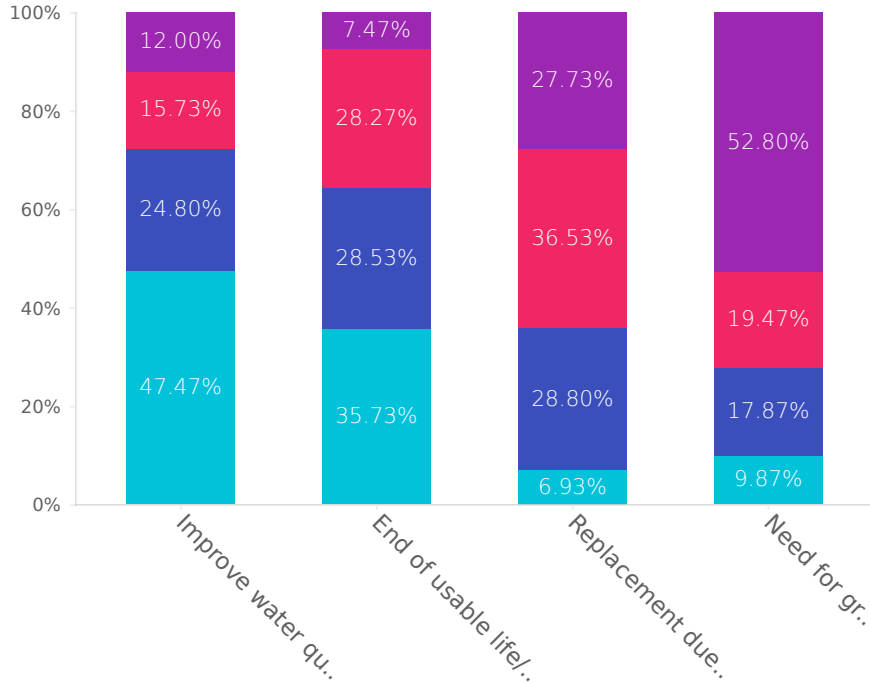
● No

| Choices | Response percent | Response count |
|---------|------------------|----------------|
| Yes | 92.53% | 347 |
| No | 7.47% | 28 |

Q4

What are your municipal client’s priorities when replacing or rehabilitating their water infrastructure? Please rank each from 1-4, with 1 being the highest priority/reason.

Answered: 375 Skipped: 0



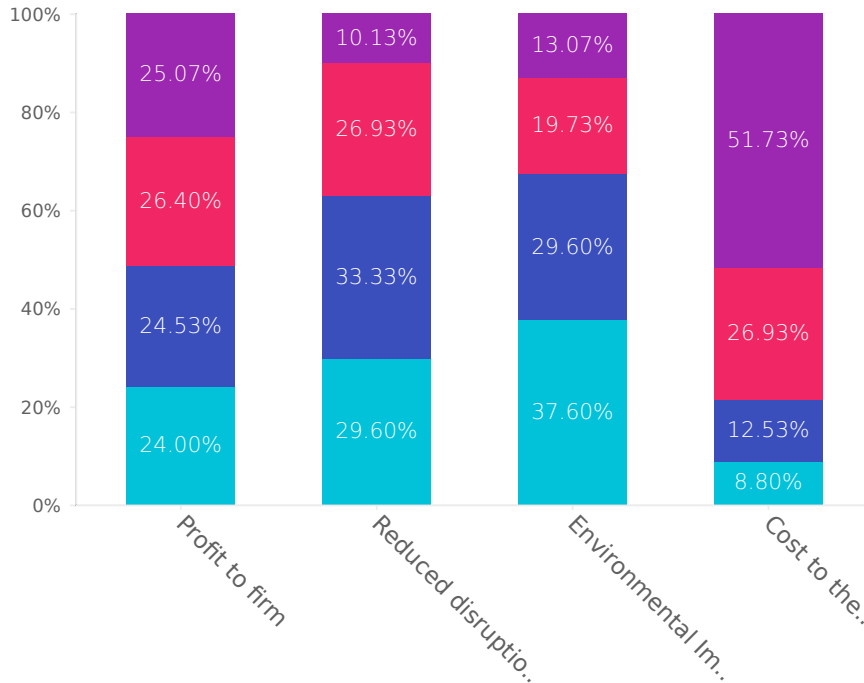
- 1
- 2
- 3
- 4

| Choices | 1 | 2 | 3 | 4 | Score | Rank | Response count |
|------------------------------------|-----------------|-----------------|-----------------|-----------------|-------|------|----------------|
| Improve water quality | 47.47% (178) | 24.80% (93) | 15.73% (59) | 12.00% (45) | 3.08 | 1 | 375 |
| End of usable life/multiple breaks | 35.73% (134) | 28.53% (107) | 28.27% (106) | 7.47% (28) | 2.93 | 2 | 375 |
| Replacement due to use of lead | 6.93% (26) | 28.80% (108) | 36.53% (137) | 27.73% (104) | 2.15 | 3 | 375 |
| Need for greater delivery capacity | 9.87% (37) | 17.87% (67) | 19.47% (73) | 52.80% (198) | 1.85 | 4 | 375 |

Q5

As a consultant, what are your priorities when selecting a technology for your client’s replacement or rehabilitation of water infrastructure? Please rank each from 1-4, with 1 being the highest priority.

Answered: 375 Skipped: 0



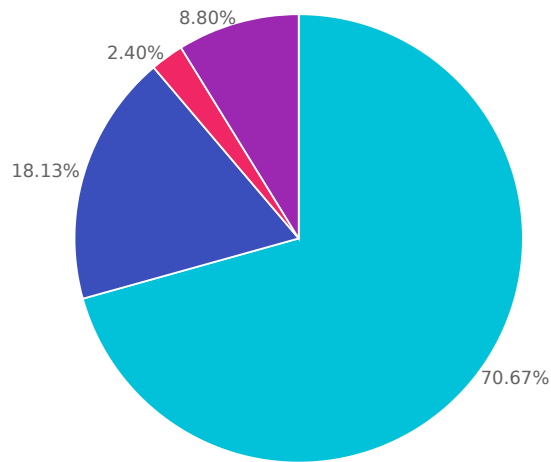
- 1
- 2
- 3
- 4

| Choices | 1 | 2 | 3 | 4 | Score | Rank | Response count |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-------|------|----------------|
| Profit to firm | 24.00% (90) | 24.53% (92) | 26.40% (99) | 25.07% (94) | 2.47 | 3 | 375 |
| Reduced disruption in community | 29.60% (111) | 33.33% (125) | 26.93% (101) | 10.13% (38) | 2.82 | 2 | 375 |
| Environmental Impacts | 37.60% (141) | 29.60% (111) | 19.73% (74) | 13.07% (49) | 2.92 | 1 | 375 |
| Cost to the client | 8.80% (33) | 12.53% (47) | 26.93% (101) | 51.73% (194) | 1.78 | 4 | 375 |

Q6

Have you had to recommend to a municipal client that they replace their linear wastewater infrastructure in the past 12 months due to clogs caused by FOGs (fats, oils, and greases) or flushable wipes?

Answered: 375 Skipped: 0



Yes, for both

Yes, due to FOGs

Yes, due to wipes

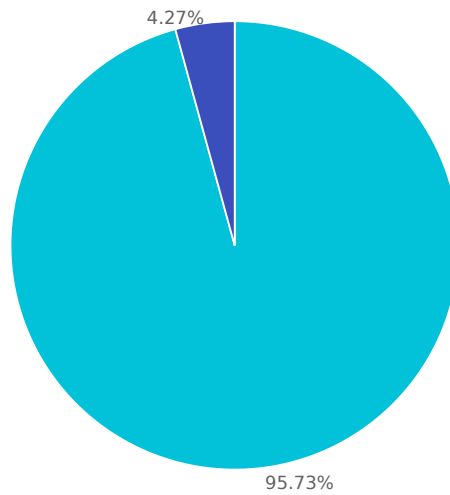
No

| Choices | Response percent | Response count |
|-------------------|------------------|----------------|
| Yes, for both | 70.67% | 265 |
| Yes, due to FOGs | 18.13% | 68 |
| Yes, due to wipes | 2.40% | 9 |
| No | 8.80% | 33 |

Q7

When discussing linear water infrastructure projects with your client, do they ask that environmental benefits of a technology be considered when selecting a method of replacement/rehabilitation?

Answered: 375 Skipped: 0



● Yes

● No

| Choices | Response percent | Response count |
|---------|------------------|----------------|
| Yes | 95.73% | 359 |
| No | 4.27% | 16 |

Q8

Thank you for agreeing to fill out this short survey, which will provide valuable information for future content on linear public sector water infrastructure for ReNew Canada magazine.

Please note that your responses will be kept strictly anonymous.

If you would like to be contacted for additional content, or to engage us further on this topic, please add your details to the end of the survey.

Answered: 354 Skipped: 21

| Field Label | Response percent | Response count |
|-------------|------------------|----------------|
| Name: | 100.00% | 354 Responses |
| Company: | 93.22% | 330 Responses |
| Email: | 100.00% | 354 Responses |
