

HARBOUR SOLUTIONS PROJECT
Survey of Residents

Final Report

prepared for

Halifax Regional Municipality

prepared by

Omnifacts Research
A Division of the Bristol Group

7100-1001

March, 2001

Table of Contents

1.	Introduction.....	1
2.	About the Sample	4
3.	Awareness of the Harbour Solutions Project.....	5
3.1	Awareness of the Project.....	5
3.2	General Level of Support	6
3.3	Information Sources	7
4.	Concerns and Benefits	9
4.1	Concerns over the Treatment Plant Locations	10
4.2	Perceived Benefits of the Treatment Plant Locations.....	12
4.3	Community Integration Fund.....	14
	Appendix A Questionnaire	
	Appendix B Detailed Data Tables	
	Appendix C Additional Comments	

1. INTRODUCTION

This report presents the key highlights of a survey conducted by Omnifacts Research on behalf of the Halifax Regional Municipality concerning issues and concerns surrounding the Harbour Solutions Project. The project will include building a new Sewage Treatment System by which wastewater will be collected and taken to three sewage treatment plants located in the urban area, one in Dartmouth and two in Halifax:

- Coast Guard Base in Dartmouth
- Halifax North, at the corner of Cornwallis and Barrington Street
- Halifax South, behind the Via Rail Station

A fourth will be in Herring Cove.

The overall purpose of this survey was to gather information and opinions from those residents of HR. residing within close proximity of the three proposed urban sites and hence considered most affected by the plant locations. Specifically, the study was designed to determine:

- Awareness of the Harbour Solutions Project
- Awareness of Newsletter and its contents
- Attitudes towards the clean-up (pros and cons)
- Identification of issues and community concerns
- Identification of perceived benefits
- Input from the community regarding expenditure of the Community Integration Fund

A copy of the questionnaire used to meet these objectives is available in Appendix A of this report.

The survey population was all individuals 18 years of age or older currently residing within the designated boundaries of the three urban sites as defined by Canada Post's Letter Carrier routes. Table 1, below, details the boundary definition, number of households.

Table 1
Proposed Size and Distribution of the Sample
2001 Harbour Solutions Resident Survey

Region	FSA	Letter Carrier	Number of Households			Population 18+ ¹
			House	Apt	Total	
Coast Guard	B2Y	351 352 358 359	1,061	939	2,000	3,880
Halifax North	B3K	50 51 53	916	1,384	2,300	4,462
Halifax South	B3H	2 4 12 13	493	1,786	2,279	4,421
Total			2,470	4,109	6,579	12,763

¹ Assumes an average of 1.94 individuals 18+ per household.

The survey was conducted by telephone on and between February 21 to March 14, 2001. An extended data collection period was used in this survey to ensure opportunity to contact all households within the sample. A two-staged random sampling technique was used in this survey. The first stage of sample selection was a random selection of all households within each of the designated areas using a computerized random number generator from the telephone listings available within each area. A minimum of three call-backs was used to help minimize “not at home” bias at this level. The second stage of sample selection was to select one individual from the household who was 18 years of age or older.

Table 2, below, details the results of calling for this survey showing a completion rate between 30 and 35% among successful contacts. Refusal rates ranged from 38 to 44%. These results also reflect the higher level of mobility within these urban core population groups, especially in the Halifax locations where one in five of those contacted were not eligible to complete the survey. Non-eligibly usually meant that the individual no longer lived within the designated area (but had retained the same telephone number) or there was no eligible male or female 18+ within the household. Table 2 also shows the relatively high percent of invalid numbers within the sample, again a reflection of the mobile population.

Table 2
Results of Calling
2001 Harbour Solutions Resident Survey

Result of Calling	Coast Guard		Halifax North		Halifax South	
	#	% of contacts	#	% of contacts	#	% of contacts
Contacts:	867		722		961	
Completed	300	35%	215	30%	300	31%
Refusal	378	44%	274	38%	385	40%
Barrier	31	4%	48	7%	42	4%
Correct person not available	9	1%	12	2%	16	2%
No time	29	3%	24	3%	18	2%
Terminated/interrupted during interview	19	2%	19	3%	18	2%
Not eligible	101	12%	130	18%	182	19%
Total contacts	867	100%	722	100%	961	100%
Non-Contacts:						
Busy line	3	0%	9	1%	15	1%
No answer	76	5%	132	8%	307	13%
Invalid number	273	17%	275	18%	404	17%
Total Numbers	1,571		1,554		2,413	

A total of 815 interviews were completed, 300 in each of Dartmouth and Halifax South and 215 in Halifax North. This final sample yielded overall results accurate to within $\pm 3.3\%$ at the 95%

confidence level². In other words, if the questionnaire were administered repeatedly to different groups of 815 individuals from within the same population, the results would be within $\pm 3.3\%$, 19 times out of 20. As shown in Table 3, below, samples for each of the three locations ranged from $\pm 5.4\%$ in the Dartmouth location up to $\pm 6.5\%$ in Halifax North.

Table 3
Final Distribution of the Sample
2001 Harbour Solutions Resident Survey

Region	Population 18+	Sample	% of Population	Margin of Error at 95%
Coast Guard	3,880	300	8%	$\pm 5.4\%$
Halifax North	4,462	215	5%	$\pm 6.5\%$
Halifax South	4,421	300	7%	$\pm 5.5\%$
Total	12,763	815	6%	$\pm 3.3\%$

As shown in Table 3, the final sample produced results that were disproportionate to the populations of each of the three sites. While this does not affect results for within each of the designated areas, it means that overall results would be disproportionately biased towards those residing in Dartmouth and Halifax South. In order to ensure proportional representation for overall results, appropriate weights have been applied to adjust for the under representation of Halifax North residents.

This report presents the results using a combination of tables, graphics, statistical analysis, and descriptive text. All results presented in the body of the report are supported by detailed data tables provided in Appendix B. Additional comments which respondents have asked interviewers to pass on to HRM are available in Appendix C. These verbatim remarks are extremely useful in adding a level of understanding to the more objective results presented in the body of the report.

² These calculations assume maximum variability in the sample ($p = .5$) and, as p moves towards 0 or 1, the margin of error improves. They also assume only two possible response choices in a given question. For those questions where the number of choices is larger, a lower level of precision will be accepted.

2. ABOUT THE SAMPLE

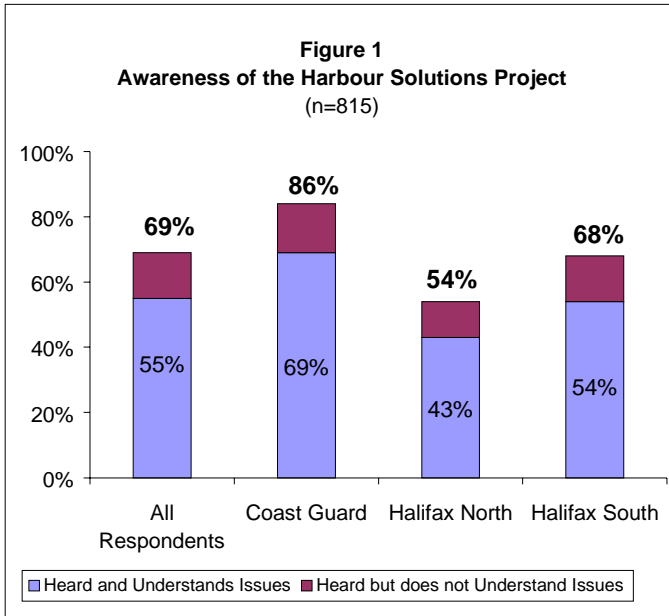
Table 4, below, details the characteristics of those surveyed in each area before weighting and clearly illustrates the differing populations of those living in proximity to each of the sites. In particular, those living near the Coast Guard site in Dartmouth were generally older, long time residents of the area. In fact, 36% had been in the area for over 20 years, 61% owning their own homes. In contrast, a much younger, more mobile population represented the Halifax sites where one in five were under 25 years of age. Over one-half had lived at their present location for less than 5 years, and the majority were in rental accommodations. Table 4 also shows a slight over representation of females within the final sample and results have been weighted in order to ensure proportional representation of responses by gender. As mentioned earlier, an additional weight to adjust for the different sampling rates within each area has also been applied so that final totals presented in the results are a proportional representation of the total population of all three sites combined.

Table 4
Unweighted Sample Characteristics
2001 Harbour Solutions Resident Survey

		Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)		815	300	215	300
		100%	100%	100%	100%
Age Category	18-24	13%	4%	18%	20%
	25-44	39%	34%	43%	40%
	45-60	29%	33%	27%	27%
	Over 60	18%	29%	10%	13%
	Refused	0%		1%	0%
Time at Present Location	Less than a year	15%	4%	21%	21%
	1-5 Years	30%	21%	36%	35%
	6-10 Years	15%	14%	15%	16%
	11-20 Years	19%	25%	16%	14%
	More than 20 years	21%	36%	10%	14%
	Refused	0%	0%	1%	
Own or Rent	Own	42%	61%	28%	34%
	Rented	57%	37%	72%	66%
	Living with family or friends	1%	2%		0%
	Refused	0%		0%	
Gender	Male	46%	47%	44%	46%
	Female	54%	53%	56%	54%

3. AWARENESS OF THE HARBOUR SOLUTIONS PROJECT

3.1 Awareness of the Project



Overall, 69% of respondents had seen, heard, or read about the Harbour Solutions Project previously. However, as shown in Figure 1, results differed significantly by location, ranging from a high of 86% of those residing near the Coast Guard site in Dartmouth down to 54% of those living near the Halifax North site.

Although these results suggest that seven in ten residents have an awareness of the project, it is important to note that, when asked, 20% were unable to demonstrate an understanding of the issues surrounding the Harbour Solutions project. ***This means that in Halifax North, less than one-half of residents were aware of the project and understood the issues.***

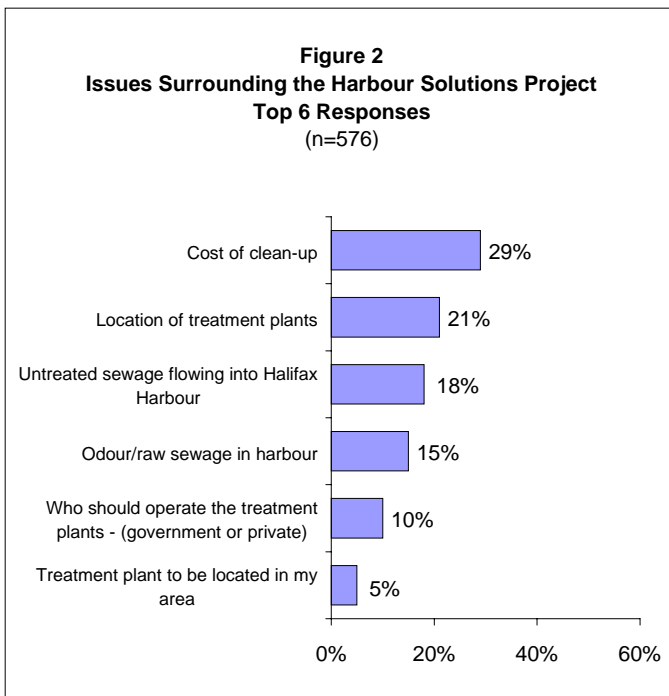


Figure 2 summarizes the top 6 issues identified by those who said they were aware of the project. The top mention was the ***cost of the clean-up*** (29%) followed by the ***location of the treatment plants*** (21%) and ***untreated sewage flowing into Halifax Harbour*** (18%). However, Table 5 on page 6 shows that responses from within each of the areas differed. While those in the Halifax locations were more likely to mention cost, the issue of cost was secondary to location of the treatment plants for those residing near the Coast Guard location in Dartmouth:

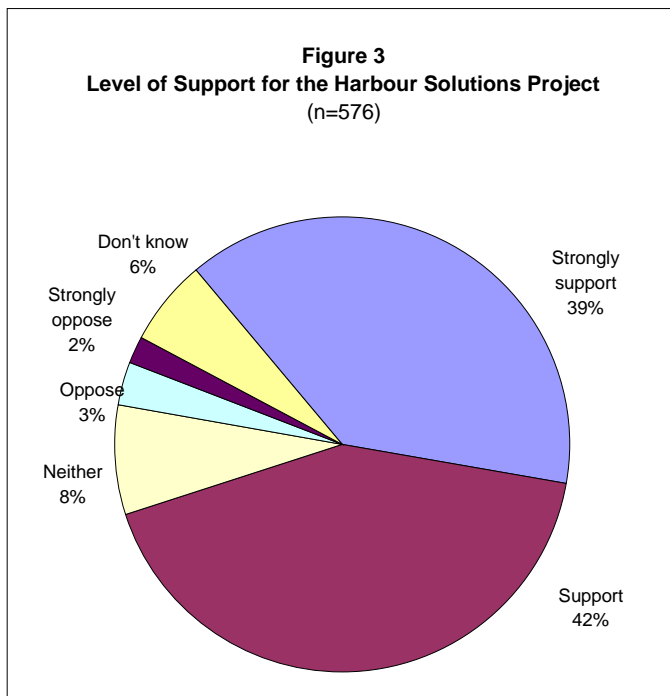
- Location of the treatment plants (26%)
- Cost of clean-up (23%)
- Odour/raw sewage in the harbour (22%)

It is also important to mention that one in ten Dartmouth residents identified the fact that a treatment plant was to be located in their area as an issue.

Table 5
Issues surrounding the Harbour Solutions Project
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	576	257	116	203
Cost of clean-up	29%	23%	32%	32%
Location of treatment plants	21%	26%	17%	20%
Untreated sewage flowing into Halifax Harbour	18%	13%	18%	22%
Odour/raw sewage in harbour	15%	22%	13%	9%
Who should operate the treatment plants - (government or private)	10%	7%	9%	13%
Treatment plant to be located in my area	5%	9%	3%	3%
Negative impacts on the environment	3%	3%	3%	3%
Length of time to finish project	3%	4%	2%	3%
Complete clean-up will require more than just treatment plan	3%	2%	4%	2%

3.2 General Level of Support



Support is strong among those who were aware of the project with 81% either supporting (42%) or strongly supporting (39%) of the project and only 5% in opposition. Results were similar in all three locations, although as shown in Table 6 on page 7, there was a slightly higher level of opposition in Dartmouth (8%). Moreover, those residing in Halifax North were less likely to hold an opinion where in this case, 21% either didn't offer a response or indicated that they neither supported or opposed the project.

Table 6
Level of Support for or Opposition to the Harbour Solutions Project
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	576	257	116	203
Strongly oppose	2%	3%	3%	1%
Oppose	3%	5%	2%	1%
Support	42%	48%	34%	41%
Strongly support	39%	36%	41%	42%
Neither support or oppose	8%	6%	11%	9%
Don't Know	6%	3%	10%	7%

3.3 Information Sources

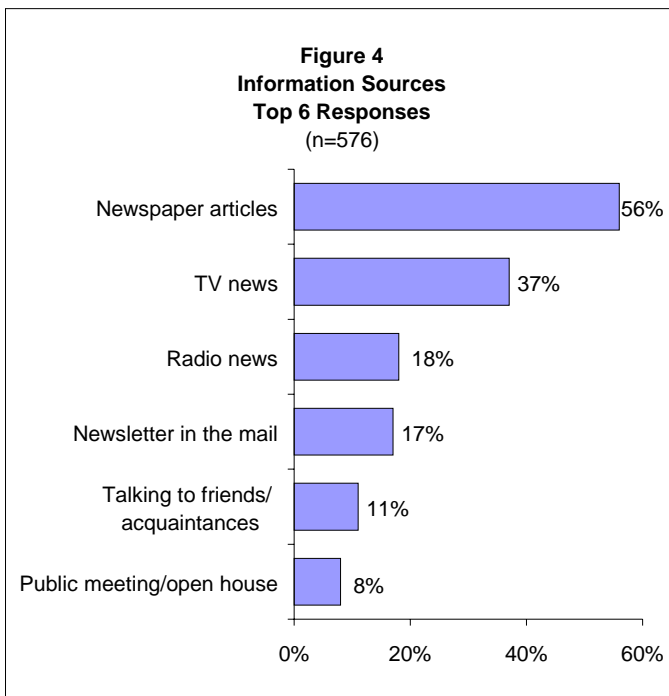
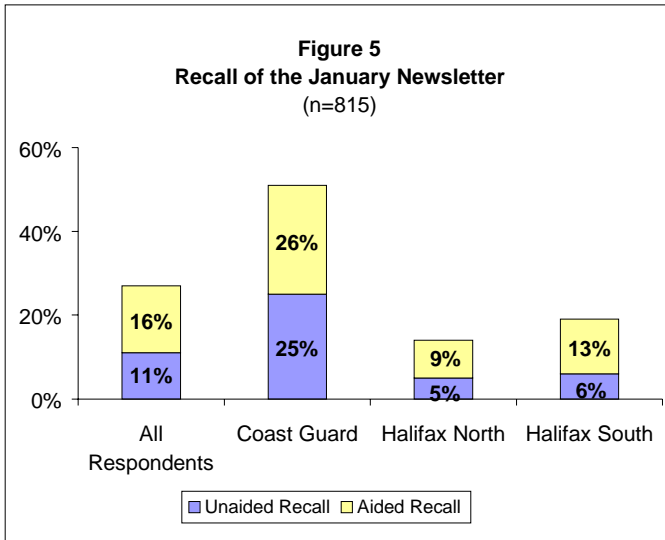


Figure 4 shows that newspaper articles and TV news were the most frequently mentioned sources of information about the Harbour Solutions project in all three areas. However, as shown in Figure 5 on page 8, significantly more residents in Dartmouth could recall receiving the January newsletter that was sent to all households on all letter carrier routes included in the survey. In fact, looking at the population as a whole, one-half of those residing near the Coast Guard site recalled (either unaided or prompted) receiving the newsletter. In contrast, this percent fell significantly to 19% in Halifax South and down to 14% in Halifax North.



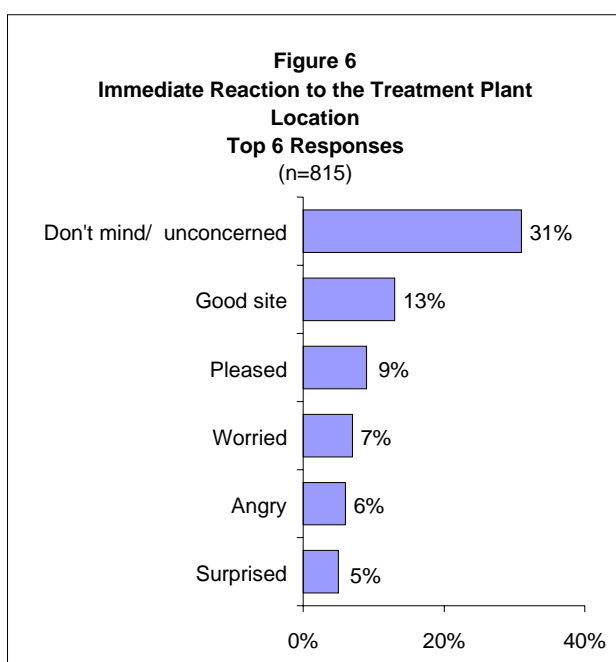
These results likely reflect the level of local community involvement in each of the areas and its role in increasing residents' awareness of the project and the proposed location of the treatment sites. However, the lifestyle of the younger, more mobile residents in the Halifax locations could also be a factor. The higher interest level among Dartmouth residents is supported by results concerning what they did with the newsletter once received. For example, Table 7 shows that 65% of those in Dartmouth indicated that the newsletter was read thoroughly either by themselves (62%) or someone else in the household (3%). These results,

combined with the number who could recall the newsletter (51%), suggest that *in Dartmouth, the newsletter was thoroughly read by at least one person in about one-third of all households in the area*. In contrast, only 19% of those in Halifax South could recall the newsletter of these, 43% indicated that they read it thoroughly while most (48%) scanned through it. This suggests that the newsletter was thoroughly read in only 8% of households in Halifax South. A similar calculation in Halifax North suggests only 9% in that area as well.

Table 7
Reading the Newsletter
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	241	154	29	58
Read it myself thoroughly	56%	62%	55%	43%
Someone else in my household read it thoroughly	3%	3%	7%	
Scanned through it	34%	29%	31%	48%
To the best of my knowledge, no one read it	5%	5%	7%	5%
Don't Know	1%	1%		3%

4. CONCERNS AND BENEFITS



As shown in the previous section, there is a high level of support for the Harbour Solutions Project in general; however, it was important to determine residents' reaction upon learning that part of the plan was to locate one of the treatment plants within their area. In order to assess an immediate reaction from respondents, they were asked to provide words to describe their overall reaction to this news. While all responses are available in the detailed tables in Appendix B, Figure 6 summarizes the top-8 responses, showing generally neutral or positive reaction in the top-3 categories:

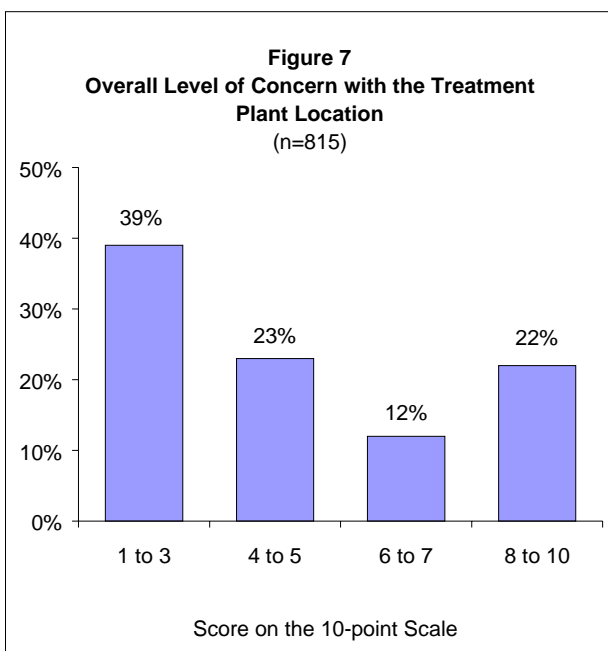
- Don't mind/unconcerned (31%)
- Good site (13%)
- Pleased (9%)

However, it is important not to ignore the negative responses of a group of residents who expressed *worry* (7%), *anger* (6%), and *disgust* (3%) over the proposed locations within their community. In fact, 3% described themselves as *extremely upset*. Table 8, below, shows a generally more positive reaction in Halifax South with 66% of respondents selecting at least one of the more positive top-3 responses. The higher level of interest demonstrated by Dartmouth residents in the previous section is repeated in these results in that these respondents were less likely to indicate a lack of concern over the site location (22% compared to 31% in Halifax North and up to 38% in Halifax South).

Table 8
Top Reactions to Site Locations
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
Don't mind/unconcerned	31%	22%	31%	38%
Good site	13%	15%	9%	17%
Pleased	9%	8%	8%	11%
Worried	7%	9%	7%	6%
Angry	6%	8%	6%	5%
Surprised	5%	6%	6%	3%
Bad location	4%	4%	4%	3%
Uninterested/Don't care	3%	4%	3%	3%
Disgusted	3%	5%	3%	3%

4.1 Concerns About the Treatment Plant Locations

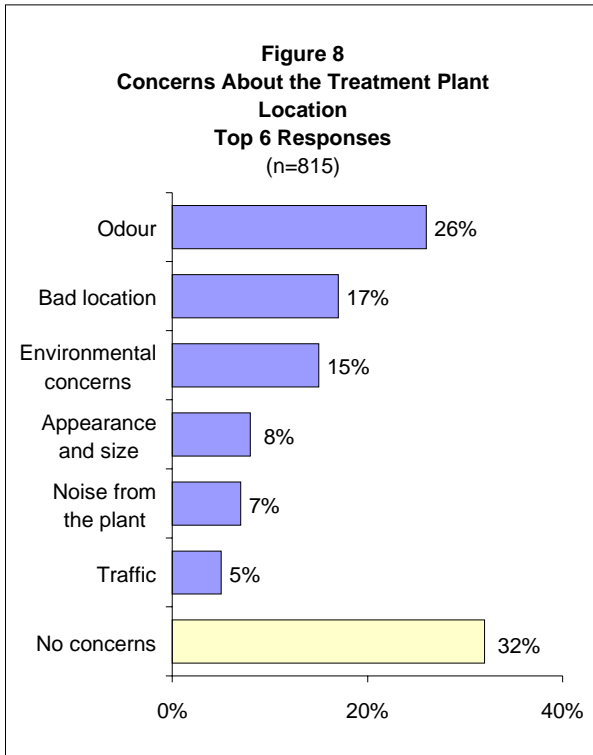


Given the previous results, it was not surprising the find that, when asked to rate their general level of concern regarding the plant location, 4 in 10 indicated that they were not concerned, providing scores of 1 to 3 on the 10-point scale. However, there remains a notable level of concern within the communities and, in fact, 22% of respondents can be described as *very concerned* giving scores of 8 to 10 on the scale.

Table 9, below, clearly shows the differences between site locations with 49% of those residing near the Coast Guard site expressing at least some level of concern and 27% could be described as very concerned. In contrast, the level of concern among Halifax South residents was significantly lower. In this area, one-half can be described as not concerned by the site selection.

Table 9
Level of Concern Regarding Treatment Plant Location
2001 Harbour Solutions Resident Survey

	Scores	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)		815	300	215	300
Not concerned	1 to 3	39%	33%	37%	49%
Unconcerned	4 to 5	23%	23%	27%	20%
Concerned	6 to 7	12%	22%	12%	11%
Very Concerned	8 to 10	22%	27%	23%	17%
Don't know		2%	3%	1%	3%



When asked to name any specific concerns they would have about the location of the treatment plant in their area, about one-third in each of the areas reiterated their lack of concern. Other respondents offered a variety of responses in this unprompted question format, all of which are available in the detailed tables. Top mentions included:

- odour (26%)
- the selection of a bad location (17%)
- environmental concerns (15%)

Concerns varied within each of the communities and, as shown below in Table 10, those living in the more residential area near the Coast Guard site, expressed more concern about odour, traffic and noise than did those in the Halifax locations. Halifax North residents were more likely to express a general concern over the location itself, as well as its effect on the environment.

Table 10
Concerns about the Treatment Plant Location
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
Odour	26%	37%	22%	20%
Bad location	17%	15%	23%	13%
Environmental concerns	15%	9%	20%	15%
Appearance and size of the plant	8%	5%	9%	8%
Noise from the plant	7%	10%	9%	4%
Traffic when operational	5%	13%	2%	1%
No concerns	32%	31%	29%	36%

Exploring possible concerns of residents further, respondents³ were asked to rate their top-3 concerns, selecting from a list of 7 choices mentioned through previous community feedback. Given the unprompted responses discussed above, it was not surprising to find that odour rated number one in all three locations. For residents in Halifax North and South, harmful emissions from the plant was rated a very close second; however, concern over property values ranked relatively low in these primarily

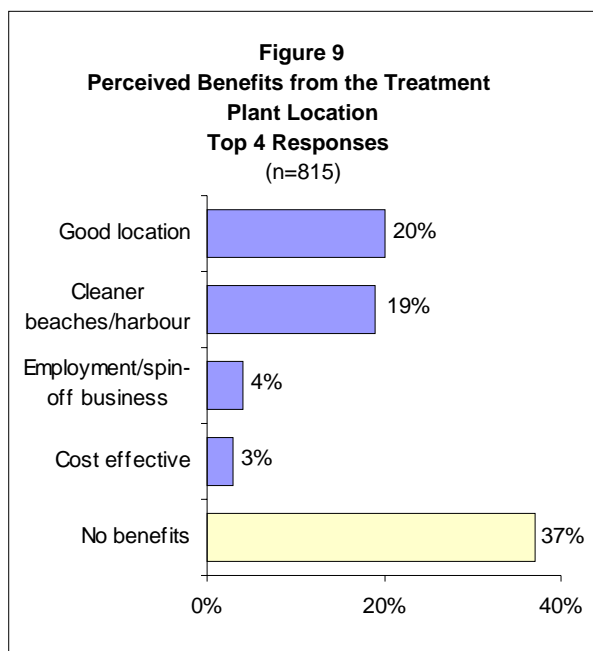
³ Only those who did not respond “No Concerns” were included in this portion of the survey.

rental areas. The fact that these residents were more concerned over plant emissions could reflect that fact that less than one in ten had read the newsletter and were not aware of the information concerning plant emissions available from that source. In contrast, those residing near the Coast Guard site ranked property values second highest, albeit a distance second from their concern over odour from the plant. This group was also less concerned than their Halifax counterparts regarding harmful emissions from the plant. These results are summarized using mean scores in Table 11, below.

Table 11
Ranking Community Concerns - Mean Scores⁴
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	553	207	155	191
Odour	1.7	1.7	1.6	1.7
Harmful emissions from plant	1.4	1.0	1.5	1.6
Lower property values	.8	1.1	.7	.5
Noise from the plant	.6	.6	.6	.7
Appearance and size of the plant	.5	.2	.6	.6
Traffic when operational	.4	.5	.3	.4
Traffic and heavy equipment during construction	.3	.4	.3	.3

4.2 Perceived Benefits of Treatment Plant Locations



When asked, unprompted, to name any specific benefits they could see from having the treatment plant located in their area, 37% could see no benefits. Most frequently mentioned benefits included:

- good location (20%)
- cleaner beaches and harbour (19%)

Table 12 on page 13 shows similar results in all three areas; however, they suggest that residents of Halifax South feel less threatened by the location behind the Via Rail station than do those in other areas. Specifically, Table 12 shows that those living near the Halifax South location were most likely to see the Via Rail site as a good

⁴ Based on scoring as follows:

Selected First	=	3
Selected Second	=	2
Selected Third	=	1
Not Selected	=	0

location (28%). In contrast, those in Halifax North were more likely than others to see economic spin-off in their area (8%)

Table 12
Perceived Benefits of the Treatment Plant Location
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
Good location	20%	17%	14%	28%
Cleaner beaches and harbours	19%	19%	19%	18%
More employment/spin-off businesses	4%	3%	8%	2%
Cost effective	3%	6%	1%	2%
No benefits	37%	36%	41%	33%

Again respondents were asked to rate the top-3 benefits⁵, selecting from a list of 6 choices mentioned through previous community feedback. Table 13 shows similar results in all three locations with cleaner beaches and harbours selected as the number one benefit while improvement in the city's image for visitors was ranked second.

Table 13
Ranking Community Benefits
Mean Scores⁶
2001 Harbour Solutions Resident Survey

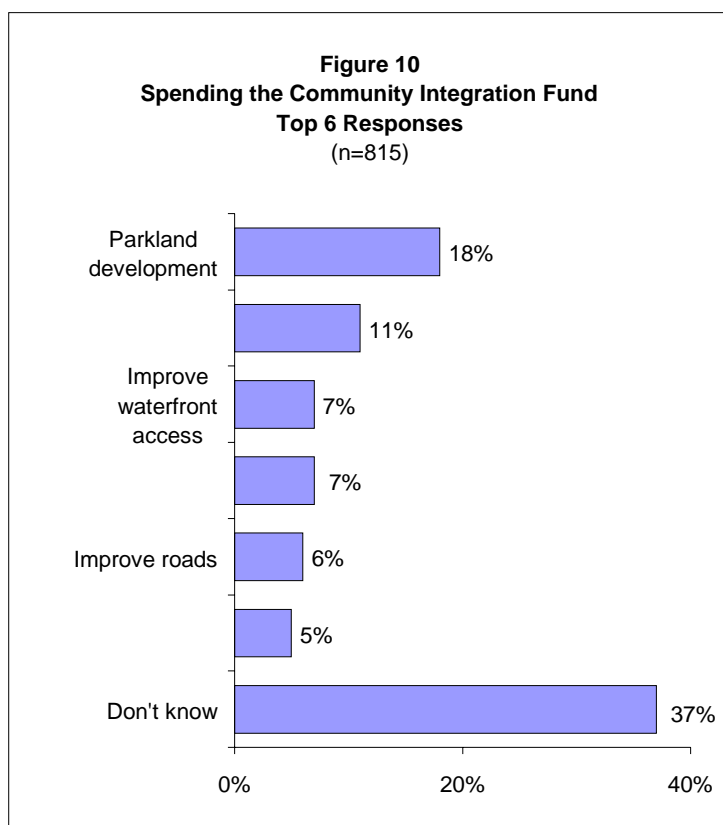
	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	517	190	126	201
Cleaner beaches and harbours	2.2	2.1	2.1	2.3
Better image for visitors/tourism	1.1	1.1	.9	1.3
More employment	.7	.6	.9	.5
Increased access to waterfront	.6	.5	.7	.6
More parkland	.6	.6	.6	.7
Improved property values	.2	.3	.2	.2

⁵ Only those who did not respond "No Benefits" were included in this portion of the survey.

⁶ Based on scoring as follows:

Selected First	=	3
Selected Second	=	2
Selected Third	=	1
Not Selected	=	0

4.3 Community Integration Fund



HRM has set aside one million dollars to develop infrastructure in the communities affected by the treatment plant locations. When asked how they felt the money should be spent in their area, respondents offered a variety of responses, all of which are detailed in Appendix B. Top response overall was the development of parkland (18%). However, Table 14 shows that this result was primarily a suggestion from those residing near the Coast Guard site in Dartmouth. The higher level of concern over harmful emissions evident among Halifax residents was reflected in the fact that one in ten residents in these areas would like to see the fund spent on ensuring an environmentally friendly plant. Halifax North residents would like to see a general clean-up of their area.

Table 14
Spending the Community Integration Fund
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
Develop parkland	18%	27%	13%	16%
Ensure environmentally friendly plant	11%	6%	12%	13%
Improve access to waterfront	7%	9%	5%	8%
General clean-up of the area	7%	4%	11%	5%
Improve roads	6%	5%	7%	5%
Outdoor recreation facilities	5%	5%	5%	4%
Hiking/walking trails	4%	7%	2%	3%
Don't know	37%	37%	33%	40%

In order to assess the ability of the Community Integration Fund to offset the concerns of area residents, respondents were asked to select from 3 statements that best described their feelings about having a treatment plant located near them, given the knowledge that the Fund was available. Results

varied by area with Dartmouth residents least likely to believe that the existence of the fund could offset the disadvantages they saw in having the treatment plant located at the Coast Guard site (32%). In contrast, 26% among Halifax North residents and down to 18% residing near the Via Rail site felt that the disadvantages could not be offset by the Fund.

Table 15
Community Integration Fund
2001 Harbour Solutions Resident Survey

	Total	Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
I see advantages . . . given the community will benefit from the Fund	31%	32%	24%	36%
Disadvantages . . . but these will be offset by the Fund	35%	27%	39%	39%
Disadvantages . . . and these will NOT be offset by the Fund	25%	32%	26%	18%
None of the above	3%	4%	3%	2%
Don't know	6%	5%	8%	5%

APPENDIX A
QUESTIONNAIRE

Good evening, my name is _____ and I work for Omnifacts Research, a professional research company in Halifax. We are collecting opinions from residents of the Halifax Regional Municipality concerning the Harbour Solutions project, the plan to treat Halifax and Dartmouth's sewage and wastewater. May I speak to a male or female in your household who is 18 years of age or older?

IF NOT AVAILABLE, ARRANGE FOR A CALLBACK.

IF YES, REPEAT INTRODUCTION IF NECESSARY AND ADD: ***This survey will take about 7 to 8 minutes to complete. Do you have a few minutes to answer the questions?***

Yes 1
No 2

CONTINUE
Is there a more convenient time for me to call back?
ARRANGE FOR A CALLBACK OR THANK AND

TERMINATE.

NOTE: Reference to the TREATMENT SITES as follows:

Coast Guard Base 1
Halifax North, located at the corner of Cornwallis and Barrington Street 2
Halifax South, behind the Via Rail Station 3

1. Have you seen, read or heard about the Harbour Solutions project?

Yes 1 _____
No 2 GO TO Q5a
Don't know 3 GO TO Q5 a

2. Overall, to what extent do you support or oppose the Harbour Solutions project? Do you . . .

Strongly support 4
Support 3
Oppose 2
Strongly oppose 1

Neither support or oppose (VOLUNTARY RESPONSE) 8
Don't know (VOLUNTARY RESPONSE) 9

3. To the best of your knowledge what are some of the issues surrounding the Harbour Solutions project? [DO NOT PROMPT. MULTIPLE RESPONSES PERMITTED]

PROBE. Is there anything else?

Untreated sewage flowing into Halifax Harbour	01
Location of treatment plants	02
Treatment plant to be located in my area.....	03
Odour/raw sewage in harbour	04
Ban on shellfish harvesting	05
Poor water quality along shorelines.....	06
Cost of clean-up.....	07
Who should be operate the treatment plants – (government or private company).....	08
Other (specify) _____	
Don't know/not sure.....	99

4. And where have you heard about the project? [DO NOT PROMPT. MULTIPLE RESPONSES PERMITTED]

Newsletter in the mail	01	GO TO Q5b
Newspaper articles	02	
TV news.....	03	
Radio news	04	
Talking to friends/acquaintances	05	
Billboard	06	
Public meeting/open house	07	
Other (specify) _____		
Don't know/can't recall.....	99	

- 5a. Do you recall receiving a newsletter in the mail last January with information about the Harbour Solutions project?

Yes	1	_____
No	2	GO TO Q6 INTRO
Don't know	3	GO TO Q6 INTRO

- 5b. Which of the following best describes what you did with the newsletter? [READ CHOICES – ONE RESPONSE PERMITTED]

Read it myself thoroughly	1
Someone else in my household read it thoroughly	2
Scanned through it	3
To the best of my knowledge, no one in the household read it	4

As you may or may not be aware, the Harbour Solutions project will include building a new Sewage

Treatment System. Wastewater will be collected and taken to three sewage treatment plants in the urban area, one in Dartmouth and two in Halifax. A fourth will be in Herring Cove. All of the plants will be fully enclosed and have a high level of control for odour and noise.

6. One of the proposed sites for the treatment plant is in _____ [TREATMENT SITE]. What words would you use to describe your overall reaction to the news that _____ has been selected as a site for one of the new sewage treatment sites? [DO NOT PROMPT – MULTIPLE RESPONSES PERMITTED]

PROBE . . Is there anything else?

Disgusted	01
Surprised	02
Extremely upset	03
Worried	04
Necessary	05
Don't mind	06
Good site	07
Uninterested/Don't care.....	08
Hopeful	09
Angry	10
Pleased.....	11
Interested	12
Relieved	13
Other (specify _____)	
Don't know/no response	99

7. How concerned are you about a sewage treatment plant being located in _____? Please use a scale of 1 to 10 where 1 means 'Not at all concerned' and 10 means 'Extremely concerned'.

Not at all									Extremely	DK	
Concerned									Concerned		
1	2	3	4	5	6	7	8	9	10	99	_____

- 8a. What specific concerns, if any, do you have about the treatment plant being located in _____?

No concerns	000	GO TO Q9a
Specify _____		
Don't know	999	

8b. I am going to read a list of different concerns that people have mentioned about having the treatment plant in _____ Of the ones I read, which ONE would personally concern you the most?

8c. Which one would you pick second? [READ REMAINDER OF LIST IF NECESSARY]

8d. And, which one would you pick third? [READ REMAINDER OF LIST IF NECESSARY]

- Odour 1
- Noise from the plant..... 2
- Harmful emissions from the plant 3
- Appearance and size of the plant 4
- Traffic and heavy equipment during construction..... 5
- Traffic when the plant is operational..... 6
- Lower property values 7

- Don't know 9 GO TO Q9a

9a. What benefits, if any, do you see to having the sewage treatment plant in _____?

- No benefits 000 GO TO Q10
- Specify _____
- Don't know 999

9b. I am going to read a list of different benefits of having a treatment plant in _____ that people have mentioned. Of the ones I read, which ONE would select as offering the greatest benefit to the community?

9c. Which one would you pick second? [READ REMAINDER OF LIST IF NECESSARY]

9d. And, which one would you pick third? [READ REMAINDER OF LIST IF NECESSARY]

- Cleaner beaches and harbours..... 01
- More parkland 02
- Increased access to waterfront 03
- Improvement in property values 04
- More employment..... 05
- Better image for visitors/tourism 06
- Other (specify) _____

10. A fund of up to one million dollars has been set aside by HRM to integrate the sewage treatment plant into the area. The money will be spent on infrastructure for your community. How would you like to see the money used to ensure that the community benefits? [DO NOT PROMPT. MULTIPLE RESPONSES PERMITTED]

Development of parkland	01
Walking and hiking trails	02
Boardwalk	03
Improve access to waterfront.....	04
Outdoor recreation facilities	05
Public boat launch.....	06
Other (specify) _____	
Don't know	99

- 11a. Which of the following statements best describes your feelings about having the sewage treatment plant located at _____?

ROTATE STATEMENTS. ONE RESPONSE ONLY

I see advantages to having the sewage treatment plant at this location given that the community will benefit from the Community Integration Fund.	1
There are disadvantages to having the sewage treatment plant at this location but these will be offset by the benefits from the Community Integration Fund.....	2
There are disadvantages to having the sewage treatment plant at this location and these will be NOT offset by the benefits from the Community Integration Fund..	3
None of the above (VOLUNTEERED).....	4
Don't know (VOL)	9

- 11b. [ASK ONLY IF REPLY TO Q11a WAS "NONE OF THE ABOVE"]

How would you describe your feelings about the sewage treatment plant being located at _____?

Finally, I would like to ask you a few questions about yourself. All this information will be used only to help us analyse the results and will be held in the strictest confidence

12. Into which of the following age groups do you fit?

18 to 24	1
25 to 44	2
45 to 60	3
over 60	4
Refused	8

13. How long have you lived in _____?

Less than a year	0
1 to 5 years.....	1
6 to 10 years	2
11 to 20 years.....	3
More than 20 years	4
Refused	8

14. Do you own your home or are you renting?

Own	1
Rented	2
Other (specify) _____	
Refused	9

15. NOTE GENDER

Male	1	_____
Female	2	

16. This is the end of the questionnaire. Do you have any other comments or concerns about the treatment plant that you would like us to pass along to HRM?

No comments 00

Specify _____

APPENDIX B
DETAILED DATA TABLES

Unweighted Sample Characteristics

		Total(n)	Location		
			Coast Guard	Halifax North	Halifax South
Unweighted (n)		815	300	215	300
		100%	100%	100%	100%
Into which of the following age groups do you fit?	18-24	13%	4%	18%	20%
	25-44	39%	34%	43%	40%
	45-60	29%	33%	27%	27%
	Over 60	18%	29%	10%	13%
	Refused	0%		1%	0%
How long have you lived at your present location?	Less than a year	15%	4%	21%	21%
	1-5 Years	30%	21%	36%	35%
	6-10 Years	15%	14%	15%	16%
	11-20 Years	19%	25%	16%	14%
	More than 20 years	21%	36%	10%	14%
	Refused	0%	0%	1%	
Do you own your own home or are you renting?	Own	42%	61%	28%	34%
	Rented	57%	37%	72%	66%
	Living with family or friends	1%	2%		0%
	Refused	0%		0%	
Gender	Male	46%	47%	44%	46%
	Female	54%	53%	56%	54%

Question 1:

Have you seen, read or heard about the Harbour Solutions project?

		Total(n)	Location		
			Coast Guard	Halifax North	Halifax South
Unweighted (n)		815	300	215	300
		100%	100%	100%	100%
Yes		69%	86%	54%	68%
No		30%	14%	45%	31%
Don't know		1%	1%	1%	1%

Question 2:
Overall, to what extent do you support or oppose the Harbour Solutions project? Do you...

- ONLY THOSE WHO HAVE HEARD OF THE PROJECT -

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	576	257	116	203
	100%	100%	100%	100%
Strongly oppose	2%	3%	3%	1%
Oppose	3%	5%	2%	1%
Support	42%	48%	34%	41%
Strongly support	39%	36%	41%	42%
Neither support or oppose (VOL)	8%	6%	11%	9%
Don't Know (VOL)	6%	3%	10%	7%

Question 3:
**To the best of your knowledge what are some of the issues surrounding the Harbour
Solutions project?**
- ONLY THOSE WHO HAVE HEARD OF THE PROJECT -

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	576	257	116	203
	100%	100%	100%	100%
Cost of clean-up	29%	23%	32%	32%
Location of treatment plants	21%	26%	17%	20%
Untreated sewage flowing into Halifax Harbour	18%	13%	18%	22%
Odor/raw sewage in harbour	15%	22%	13%	9%
Who should operate the treatment plants - (government or pri	10%	7%	9%	13%
Treatment plant to be located in my area	5%	9%	3%	3%
Negative impacts on the environment	3%	3%	3%	3%
Length of time to finish project	3%	4%	2%	3%
Complete clean-up will require more than just treatment plan	3%	2%	4%	2%
People involved lack the knowledge to make plant work	2%	2%	3%	2%
Decisions made without input from general public	2%	3%	2%	1%
Lower property values	2%	3%	1%	1%
Poor water quality along shorelines	1%	0%	1%	3%
Plant will increase traffic	1%	1%	0%	1%
Other alternatives may be more effective (ie. solar aquatics	1%	0%	1%	1%
Ban on shellfish harvesting	1%	0%	1%	1%
Physical appearance of plant will be an eyesore	1%	1%	0%	1%
Noise from plant	1%	2%	0%	0%
Don't know/not sure	20%	20%	20%	20%

Note: Total may exceed 100% owing to multiple responses

**Question 4:
And where have you heard about the project?
- ONLY THOSE WHO HAVE HEARD OF THE PROJECT -**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	576	257	116	203
	100%	100%	100%	100%
Newspaper articles	56%	55%	52%	59%
TV news	37%	31%	40%	41%
Radio news	18%	15%	21%	18%
Newsletter in the mail	17%	29%	9%	10%
Talking to friends/acquaintances	11%	14%	10%	10%
Public meeting/open house	8%	10%	8%	4%
Public notices	1%	1%	1%	2%
Project information included with water bill	1%	2%	0%	0%
Billboard	1%	0%	2%	1%
Corporate notices	1%	0%	1%	1%
Community cable council meetings	0%	0%	1%	0%
Magazine articles	0%	0%	1%	1%
Pamphlets	0%	1%	0%	0%
Internet	0%	0%	1%	0%
Government officials	0%	0%	1%	0%
Don't know/can't recall (VOL)	2%	2%	4%	1%

Note: Total may exceed 100% owing to multiple responses

**Question 5a:
Do you recall receiving a newsletter in the mail last January with information
about the Harbour Solutions project?
- AIDED AND UNAIDED RESPONSES -**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
	100%	100%	100%	100%
Recalls newsletter unaided	11%	25%	5%	6%
Recalls newsletter aided	16%	26%	9%	13%
No/Don't know	73%	49%	86%	80%

Question 5b:
Which of the following best describes what you did with the newsletter?
- ONLY THOSE WITH AIDED OR UNAIDED RECALL -

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	241	154	29	58
	100%	100%	100%	100%
Read it myself thoroughly	56%	62%	55%	43%
Someone else in my household read it thoroughly	3%	3%	7%	
Scanned through it	34%	29%	31%	48%
To the best of my knowledge, no one in the household read it	5%	5%	7%	5%
Don't know	1%	1%		3%

Question 6:
One of the proposed sites for the treatment plant is in _____. What words
would you use to describe your overall reaction to the news that _____ has
been selected as a site for one of the new sewage treatment sites?

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
	100%	100%	100%	100%
Don't mind	31%	22%	31%	38%
Good site	13%	15%	9%	17%
Pleased	9%	8%	8%	11%
Worried	7%	9%	7%	6%
Angry	6%	8%	6%	5%
Surprised	5%	6%	6%	3%
Bad location	4%	4%	4%	3%
Uninterested/Don't care	3%	4%	3%	3%
Disgusted	3%	5%	3%	3%
Necessary	3%	2%	1%	6%
Extremely upset	3%	3%	3%	2%
Excellent/great/good idea	2%	3%	1%	3%
Interested	2%	2%	3%	1%
Hopeful	1%	2%	1%	2%
Relieved	1%	2%	1%	1%
Disappointed	1%	2%	0%	1%
Cautious	1%	2%	1%	0%
Not surprised	1%	1%	1%	1%
Don't know/no response (VOL)	11%	12%	14%	8%

Note: Total may exceed 100% owing to multiple responses

Question 7:
How concerned are you about a sewage treatment being located in _____?
Please use a scale of 1 to 10 where 1 means Not At All Concerned and 10 means Extremely Concerned

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
1 - Not at all concerned	22%	21%	20%	27%
2	7%	5%	6%	9%
3	10%	7%	11%	13%
4	7%	6%	8%	7%
5	16%	17%	19%	13%
6	5%	5%	6%	4%
7	7%	9%	6%	7%
8	9%	8%	10%	9%
9	2%	3%	3%	1%
10 - Extremely Concerned	11%	16%	10%	7%
Don't know (VOL)	2%	3%	1%	3%
Mean Score	4.7	5.3	4.8	4.1

Question 8a:
**What specific concerns, if any, do you have about the treatment plant
being located in _____?**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
	100%	100%	100%	100%
No Concerns	32%	31%	29%	36%
Odor	26%	37%	22%	20%
Bad location	17%	15%	23%	13%
Environmental concerns	15%	9%	20%	15%
Appearance and size of plant	8%	5%	9%	8%
Noise from the plant	7%	10%	9%	4%
Traffic when the plant is operational	5%	13%	2%	1%
Plant has to be well designed/effective	3%	3%	2%	5%
Interfere with shipping/tourism	3%	1%	1%	7%
Harmful emissions from the plant	3%	2%	3%	4%
Lower property values	3%	6%	1%	1%
Need more information about the plant	2%	1%	2%	2%
Who would operate the plant	2%	3%	0%	2%
Financial concerns	1%	1%	1%	0%
Traffic and heavy equipment during construction	0%	0%	0%	1%
Use alternate systems	0%	0%	0%	0%
Don't know (VOL)	5%	5%	5%	5%

Note: Total may exceed 100% owing to multiple responses

Question 8b:
I am going to read a list of different concerns that people have mentioned about having the treatment plant in _____. Of the ones I read, which ONE would personally concern you the most?

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	553	207	155	191
	100%	100%	100%	100%
Odor	33%	39%	28%	33%
Harmful emissions from the plant	32%	21%	36%	38%
Lower property values	14%	21%	13%	7%
Appearance and size of the plant	7%	2%	10%	9%
Noise from the plant	4%	4%	4%	5%
Traffic when the plant is operational	4%	5%	4%	3%
Traffic and heavy equipment during construction	3%	4%	2%	3%
Don't know (VOL)	3%	3%	3%	2%

Question 8c:
Which one would you pick second?

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	538	200	151	187
	100%	100%	100%	100%
Odor	27%	23%	31%	27%
Noise from the plant	16%	18%	13%	18%
Harmful emissions from the plant	15%	14%	15%	16%
Lower property values	12%	15%	9%	11%
Appearance and size of the plant	9%	5%	14%	8%
Traffic when the plant is operational	8%	12%	5%	9%
Traffic and heavy equipment during construction	8%	10%	7%	7%
Don't know (VOL)	4%	3%	5%	4%

**Question 8d:
And, which one would you pick third?**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	518	194	144	180
	100%	100%	100%	100%
Noise from the plant	17%	15%	20%	16%
Harmful emissions from the plant	14%	13%	14%	16%
Odor	14%	12%	14%	15%
Lower property values	13%	14%	15%	10%
Traffic when the plant is operational	13%	17%	10%	12%
Traffic and heavy equipment during construction	11%	11%	13%	9%
Appearance and size of the plant	10%	8%	7%	15%
Don't know (VOL)	8%	10%	6%	7%

**Question 8 Summary of Concerns:
Mean Scores
- ONLY THOSE WHO HAVE CONCERNS -**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Odour	1.7	1.7	1.6	1.7
Harmful emissions from the plant	1.4	1.0	1.5	1.6
Lower property values	.8	1.1	.7	.5
Noise from the plant	.6	.6	.6	.7
Appearance and size of the plant	.5	.2	.6	.6
Traffic when the plant is operational	.4	.5	.3	.4
Traffic and heavy equipment during construction	.3	.4	.3	.3

Based on scoring as follows:
 Selected first =3
 Selected second =2
 Selected third =1
 Not selected =0

Question 9a:
What benefits, if any, do you see to having the sewage treatment plant in _____?

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
	100%	100%	100%	100%
No benefits	37%	36%	41%	33%
Good location	20%	17%	14%	28%
Cleaner beaches and harbours	19%	19%	19%	18%
More employment/spin-off businesses	4%	3%	8%	2%
Cost effective	3%	6%	1%	2%
Improvements in property values	1%	2%	1%	1%
More parkland/green areas	1%	3%	0%	0%
Better image for visitors/tourism	1%	1%	0%	0%
Need more information about the project	0%	0%	0%	0%
Don't know (VOL)	19%	20%	19%	18%

Note: Total may exceed 100% owing to multiple responses

Question 9b:
I am going to read a list of different benefits of having the treatment plant in _____
that people have mentioned. Of the ones I read, which
ONE would you select as offering the greatest benefit to the community?

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	517	190	126	201
	100%	100%	100%	100%
Cleaner beaches and harbours	58%	58%	53%	63%
Better image for visitors/tourism	15%	13%	10%	21%
More employment	9%	8%	14%	4%
Increased access to waterfront	7%	5%	11%	4%
More parkland	4%	5%	3%	4%
Improvement in property values	2%	3%	2%	0%
Don't know/No response	6%	8%	6%	3%

**Question 9c:
Which one would you pick second?**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	488	175	118	195
	100%	100%	100%	100%
Better image for visitors/tourism	27%	30%	25%	25%
Cleaner beaches and harbours	19%	17%	24%	15%
More parkland	18%	18%	15%	21%
Increased access to waterfront	14%	13%	9%	17%
More employment	12%	10%	15%	10%
Improvement in property values	6%	6%	5%	6%
Don't know/No response	5%	6%	6%	5%

**Question 9d:
And, which one would you pick third?**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	462	165	111	186
	100%	100%	100%	100%
More employment	20%	19%	19%	21%
Increased access to waterfront	19%	16%	19%	20%
More parkland	18%	16%	21%	18%
Better image for visitors/tourism	18%	19%	20%	15%
Improvement in property values	9%	10%	8%	10%
Cleaner beaches and harbours	7%	7%	5%	10%
Don't know/No response	8%	13%	7%	6%

**Question 9 Summary of Benefits:
- ONLY THOSE WHO SEE BENEFITS -
Mean Scores**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Cleaner beaches and harbours	2.2	2.1	2.1	2.3
Better image for visitors/tourism	1.1	1.1	.9	1.3
Increased access to waterfront	.6	.5	.7	.6
More parkland	.6	.6	.6	.7
More employment	.7	.6	.9	.5
Improvement in property values	.2	.3	.2	.2

Based on scoring as follows:
 Selected first =3
 Selected second =2
 Selected third =1
 Not selected =0

Question 10:

A fund of up to one million dollars has been set aside by HRM to integrate the sewage treatment plant into the area. The money will be spent on infrastructure for your community. How would you like to see the money used to ensure that the community benefits?

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
	100%	100%	100%	100%
Development of parkland	18%	27%	13%	16%
Ensure the plant is environmentally friendly and effective	11%	6%	12%	13%
Improve access to waterfront	7%	9%	5%	8%
General clean-up of the area	7%	4%	11%	5%
Improve roads	6%	5%	7%	5%
Outdoor recreation facilities	5%	5%	5%	4%
Walking and hiking trails	4%	7%	2%	3%
Boardwalk	3%	4%	2%	3%
Make appearance of plant attractive	3%	2%	3%	4%
Invest in education	2%	2%	4%	1%
Public awareness programs about plant operations	2%	2%	2%	3%
Invest in youth programs/community centers	2%	3%	3%	1%
Job creation	2%	1%	4%	1%
Make it a family oriented area	2%	2%	3%	0%
Homeless shelters and programs	1%	0%	3%	1%
Better housing	1%	0%	3%	0%
Improve sidewalks	1%	1%	1%	2%
Better traffic control	1%	1%	1%	1%
Invest in health care	1%	2%	0%	1%
Improve public transit systems	1%	0%	0%	2%
Improve city services	1%	0%	1%	1%
Social services	1%	0%	1%	0%
Improve tourist attractions	1%	1%	0%	1%
Create parking areas	1%	0%	2%	0%
Business development	1%	0%	1%	0%
Lower property taxes	0%	1%	0%	1%
Refused	0%	0%	1%	0%
Development of the arts	0%	0%	1%	0%
Infrastructure	0%	0%	0%	0%
Marina	0%	1%	0%	0%
Skating rink	0%	0%	1%	0%
Indoor recreation facilities	0%	0%	0%	0%
Public boat launch	0%	0%	0%	0%
Don't know	37%	37%	33%	40%

Note: Total may exceed 100% owing to multiple responses

Question 11a:
**Which of the following statements best describes your feelings about having
the sewage treatment plant located at _____?**

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	815	300	215	300
	100%	100%	100%	100%
I see advantages	31%	32%	24%	36%
Disadvantages . but will be offset	35%	27%	39%	39%
Disadvantages . . and will NOT be offset	25%	32%	26%	18%
None of the above (VOL)	3%	4%	3%	2%
Don't know (VOL)	6%	5%	8%	5%

Full Statements:

I see advantages to having the sewage treatment plant at this location given that the community will benefit from the Community Integration Fund

There are disadvantages to having the sewage treatment plant at this location ut these will be offset by the benefits from the Community Integration Fund

There are disadvantages to having the sewage treatment plant at this location and these will be NOT offset by the benefits from the Community Integration Fund

Question 11b:
**How would you describe your feelings about the sewage treatment plant being located at
_____?**
- ONLY THOSE WHO SELECTED "NONE OF THE ABOVE" -

	Total(n)	Location		
		Coast Guard	Halifax North	Halifax South
Unweighted (n)	25	11	7	7
	100%	100%	100%	100%
Make it safe for the environment	3%	9%		
Bad location for plant	12%	19%	13%	
Plant is a necessity	8%	9%	13%	
Good location for plant	17%	9%	16%	29%
Neutral on the issue of location	10%		16%	15%
Don't know	50%	54%	42%	56%

Demographics

		Total(n)	Location		
			Coast Guard	Halifax North	Halifax South
Unweighted (n)		815	300	215	300
		100%	100%	100%	100%
Into which of the following age groups do you fit?	18-24	14%	4%	18%	20%
	25-44	40%	35%	43%	40%
	45-60	29%	33%	28%	27%
	Over 60	17%	29%	10%	13%
	Refused	0%		1%	0%
How long have you lived at your present location?	Less than a year	16%	4%	21%	21%
	1-5 Years	31%	21%	36%	35%
	6-10 Years	15%	14%	15%	16%
	11-20 Years	18%	25%	17%	14%
	More than 20 years	19%	36%	10%	14%
	Refused	0%	0%	1%	
Do you own your own home or are you renting?	Own	40%	61%	28%	34%
	Rented	59%	37%	71%	66%
	Living with family or friends	1%	2%		0%
	Refused	0%		1%	
Gender	Male	49%	49%	49%	49%
	Female	51%	51%	51%	51%

APPENDIX C
ADDITIONAL COMMENTS

Coast Guard

1. Listen to the public in consideration of alternative sites.
2. Move forward as quickly as possible as long as the funding permits.

A plant built to treat sewage and wastewater in Dartmouth should be built further away from the downtown and residential area, further down in Woodside or Eastern Passage

As long as it works. In summertime you can't even go for a walk as it stinks so bad. Sewage slugs are present in summer.

ASAP.

Basically I would like to know where the money went in Dartmouth, before amalgamation

Build it in the cove instead...unless they build a plant where they are going to take the solids out, that is the only way to go. Then it wouldn't interfere with the fish and people swimming because it will be turned into solids.

Concern about property values and traffic. Most concerned about community involvement in the project and examine alternative sites

Concerned about use of chemicals and also how much energy to be used, what will happen to the sludge? The plant will generate methane, how will they dispose of it?

Concerned the management had filtered away the money and I have very little confidence in these people.

Cost...is this going to cost? Shared with feds? Come off municipal?

Disappointed with the apparent location choice.

Do it and run it right

Do it right.

Do not put any of the treatment plants in residential areas.

Do some good pr on it, it's going to be a hard sell for many reasons, people's lives will be disrupted but it has to be done, there will be odor from it on hot days. The environmentalists have to come forward, someone unbiased has to speak about it

Do something!

Don't be wasting money

Don't put it too close to cities

Don't put any more shit in the harbor.

Economic spin off.

Exercise caution when planning the project. More community involvement in the design, development process

Get it done

Get it done as soon as you can!

Get on the ball and get plant running.

Get on with it, as soon as possible.

Get on with it.

Get on with it. This issue has been beaten to death. We have to have faith in the abilities of the engineers who are involved with the project.

Get on with it?

Get the project going.

Give more information

Go for it! Make it happen. Silent minority is the negative side of it.

Hopefully it will be owned and operated by HRM.

How long is it going to take to complete the project?

I am concerned about bacteria in the water (in the water). Concerns about the effects on tap water.

I am just concerned whether or not they will do things right

I am really worried about people's health being affected by the plant. Why can't these treatment plants be located far, far away from where people live? Example, MacNab's Island. Can we survive the worse possible outcome in healthcare costs?
I believe that it's overdue. Election promises and hasn't started yet.
I don't know anything about it
I don't completely agree with the way in which the consortium was put together (the group of contractors). There appears to be some dissension among those that make up the group. This should be straightened out before proceeding. There should be one ma
I don't think that the HRM is really listening to the people in this area, even our elected rep for the HRM is in favor of the plant and is not listening to the people who put him there. I don't have any faith in the fund that is to be used for community
I have lived in the area for a long time, we get soot on our windows from the ships at the coast guard base, even though there is not supposed to be any odour from the plant I don't believe them
I have no real concerns with the plant as long as it operates the way they say it will, but if it doesn't, all of the previous mentioned concerns would affect me.
I have not heard that much about this issue seems to be a lack of information.
I hope after counseling I hope they get the project off the ground
I hope that all goes well.
I hope that they do a very good job, the running of the plant needs to be done well, it should not go to the lowest bidder or to someone who is just going to line their pockets
I hope that they realize that the location chosen is a very residential area. And that they have to have a serious look at putting something industrial in a residential area.
I hope that this will be it, so many times they have gone into something half way and changed their minds, so if this is the decision lets just get on with it.
I hope they have local labour.
I really feel that they should see if they could put it further down the harbour out towards the ocean.
I think it's just another way to spend the taxpayer's money.
I think that this plant should be built down by the Nova Scotia hospital, which is not a residential area instead of being stuck in our faces.
I think the plant should be put in a more industrial area not in a residential one, down by the oil refinery would be nice, however, I do think that it is a good idea to clean up the harbour
I want to see it done, but not here
I wish they had examined more alternatives before deciding on the type of plant. However, I am glad the harbour is being cleaned up.
I wonder if they have considered the land up by DND in the Burnside area that is not being used, and this area is not residential but a business area.
I would like them to try other treatment methods, like solar. I would like them to spend the extra money to do a complete job instead of just primary. The traffic in this area is already bust 7 days a week and I cannot imagine having more truck traffic o
I would like to have it built quicker.
I would like to have it started as soon as possible.
I would like to know where labour market is coming from. I would like it to see more Nova Scotians have employment at the sewage treatment plant.
I would like to see the sewage system fixed
I'm familiar with the sewage plant in eastern passage and it has made a good difference on the health of the people who live out there.
If it is going to be built the initial interest will be for life of plant not just for getting it into area...make sure that codes are meant and kept for as long as its in the area
If people are worried about odour they should check out Millcove in Bedford or Eastern Passage treatment plant.
If place does emit harmful emissions.....fix

If they are going to be taxing my water bill for so long I wish they would get on with it
If you're going to take my money at least put it to good use
Integration of the plant into the community is important. Basically the commitment to maintenance is important and ongoing.
It could be a benefit to all. The technology is available, make everyone happy.
It took way to long for this to happen.
It would be a good thing to go ahead with a plan for sewage treatment.
It would be advantageous if the politicians, when they have decided for sure what they are going to do, to keep the people in the community advised at all times as to what is going on so that there are no big surprises down the road.
Its about time
Just do a good job of it.
Just get on with it!
Just get on with it.
Just getting on it, just been talking for years.
Just have a boardwalk
Just hurry up and start it and stop talking
Just that she thinks we need one
Just to get started on the project as soon as possible
Keep it public and don't open it up to a private company. And if this is done, make sure they are checked out to make sure they are reputable and not just there to make a huge profit, this would include checking their employment records. Keep the community well informed as work progresses, and consult us for our opinion on any future developments.
Lack of information.
Let's get it built, clean up the harbour.
Let's start it. Stop talking about it and do it!
Like to see the plant located in a different area, not so close to downtown area.
Long overdue.
Make it look nice and not have it smell like sewage because I live right by the sewage treatment plant and tear down the brick coast guard building.
Make sure looking nice and secondary treatment.
Make sure that there is no odour and no emissions...
Make sure the employees at the plant will have sufficient parking areas, so they don't have to park on our residential streets, like the coast guard people do. They take up all our parking spots.
Make sure the right bidding is chosen for the job and use local labour as much as possible.
Maybe look for a more suitable location
Money is allotted. People are wondering where the money has been going. Its been transferred...did someone steal it? What's the point,
More information on plant keep it away from the general public
More information.
Move it elsewhere
Move it some where else further down the coast.
Move project to industrial park better location.
My concerns are with the competence and integrity of the people who are going to be running the plants. But lets get on with it, it is 25 years too late.
My opposition is probably unfounded...benefit us in the long run...the harbour has to be cleaned up.
Not enough information.
Not have things built without having us notified and there are more sites than coast guard base to put the sewage treatment plants.

Odour, emissions, noise from construction
Once you get it started, finish it. Don't let it drag on.
Only that it is a touch decision, you can't please everyone but it important to be there.
Pass information and dialogue.
Put in properly; don't get back up; implement ongoing controls for treatments, look at a number of methods of sewage treatment (e.g.: down near Digby they have an algae treatment system which is actually a tourist attraction).
Put it somewhere else. They are putting it in a highly populated area. Scared of a big spill...a mess.
Reassurance is what we'd like. -Like to see proof that other sites are not viable.
Reconsider the placement. More appropriate to move further south...by NS hospital or ferry terminal
Rip off and other way to steal from people...been paying for 15 years
Send out more information regarding the project and the specifics in relation to the costs and implementation
Should be in a more industrialized area so the noise factor doesn't bother the population, like in Burnside industrial park.
Should be in Burnside
Should of started years ago on the sewage treatment
Stick to the guidelines regarding the odour...live up to the promises made
Stop bullying the little guy.
Stop thinking about it, and build it.
Take some action.
The coastguard base is an inappropriate location.
The meetings being held, the people are not paying attention to the sewage treatment plant.
The million dollars is just a drop in the bucket and will not go very far
The only concern that I have is that they have properly trained and responsible people to look after the plant
The plant has to be somewhere; this is not a bad place to put it. It might even improve what's there now.
The plant would be less offensive than the refinery.
The problem is overplayed. Not that big a deal.
The sooner the better for cleaning up the harbour
They are wasting too much money on studies and research
They did not consult with the community enough, first newsletter may it sound like it was a done deal and I found that very offensive. I called Bruce Heatherington and he was very dismissive of my concerns.
They haven't followed their own process, they should have.
They said they have a million dollars and I hope that they will spend it in the community.
They should have built the damned thing on the NS hospital property. They could have buried everything into the side of the hill, and then there would have been no noise or odour.
They should look at other sites.
They should send out more info about it
This issue has been going on for 15-20 years now, let's get on with it.
Too close to residences.
Want to know all the real facts.
Waste of money
We have to have a sewage treatment plant and I realize that no site selection is going to please all of the people all of the time - however, if there's a possibility of locating it away from a residential area that should be a primary objective in choosing
We need the treatment plant-we'll get pollution one way or another
We totally support this program just not in this area; the plant should be built in a more industrial area. What about the bylaw that is in place in our area to cover this sort of thing, will this be waved for this purpose?
What about smell and safety issues.

What I read sounds good, but I don't know if they'll follow through-sounds too jaded-too good to be true I guess.
What is the total picture? Site, selection, cost. What is it?
Whatever claims were made concerning the plant, back them up.
When is suppose to start? ...
When is this actually going to happen it has been more than 10 years that they have been talking it is so backdated it will take 10 years to clean up what is already there.
When these meetings were held it seemed that the fact that it was a done deal that this was where the plant was going, it surprised me that no one asked us our opinions first, but I guess as long as there is no odour, it would be ok
Where did other monies collected previously go?
Why should we in the old county have to pay for it when the city had the money to pay for it and wasted it
Wondering when it's going to happen
Wondering when my water bill will come down? Maybe they could do something about that with the million dollars in the fund.
Worried about the toxic waste - it has to make it to the base or wherever, concerned about the infrastructure needs to be in place. I.e. vents, how are we going to eliminate the odour when/if it becomes an issue? The fund is a kiss off would prefer an o
Would it not be better to put it in an area that is already industrialized...like Woodlawn like where imperial oil is? Somewhere already unclaimable by people, not residential
Would like to receive another flyer.

Halifax North

As long as its a controlled environment without odour and health issues.
A city this size cannot afford to harm the environment any longer; the harbour is disgusting; smaller cities are doing a better job with less revenue.
About time it was done. I think its a shame we waited so long...must have something done with it. Clean up what's already there. We could do more with the waterfront if it was cleaned up. Clean up what's already there.
Aesthetics...it has to blend into the community...not an eyesore...lets get it done
Architecturally it has to look good! No sense putting up an ugly building and put trees around it shouldn't be too high either; do not block view.
As I am knew to the area I am wondering if there will be public meetings held before a final decision is made or if this decision has been already made.
As long as the public is well informed and can have some input as to the appearance and size of the plant. But I do feel that this land could be put to better use and the plant should be located in a more industrial area, rather than the downtown area o
As long as they can show every dollar they spend for it, he is for it. Don't start something and turn around and the money disappear.
Be careful but do it fast
Better go carefully because all of the heavy metals that's been down there for over 2000 years.
Consider the chemicals that will be used in the plant...the environment is a great concern...some times people aren't stopping and looking at that.
Do not get close to my house
Don't build 3 large treatment plants send money to states for American consultants? Re-channel money in Hfx and use many small organic structures, and develop parkland. Go to farmers market and talk to people who know about sewage waste systems
Don't do it, and find another location would be preferred.
Don't have enough information...this is the first he heard of it
Don't put it there, it does not belong there...
Educate people as to what it would be like to have a STP.
Ensure that the people in the area are aware of any meetings that are being held so that we can get information. Either by using the newspaper or the community channels.
Get it going
Get on with it!
Get the project going.
Get this done as soon as possible as it is long overdue.
Get treatment quickly-stinks.
Glad to hear that they are doing something finally.
God speed.
Harbour is polluted and the more plant the better.
Hope it works
Hope that they hurry up.
I just hope that they will finally do something about it, it has been 25 years in the making
I am happy that things being done
I am hoping that the location wasn't decided based on money. Money will not help.
I am not sure of the advantages and the advantages?
I am okay with the idea of a sewage treatment plant as long as the emissions and the noise are under control.
I can see the benefits of having location that is chosen.

I fully agree that something has to be done with the harbour to clean it up, but I don't feel that these plants should be built in any residential area.
I think the selection process needs to be a little bit more open for those in the community, who does not have a real handle or understanding of the process.
I wish it will be done ASAP
I would have to know the benefits of having the plant at this location, before I could really pass judgement as to whether I am for or against this site.
I would like HRM to look at other models in determining what the best model would be for our municipality.
Information would be appreciated
It has to be done, as long as it's done well
It is a good idea and it is long overdue but why does it have to be in the north end of the city. Is it because we have no big time lawyers with money to fight against it or is this really the best place for the plant.
It is very much in heart of town, and would like it built out of town.
It's really needs to be done.
Just be conscious of the by products to ensure that this is not a cycle of cleaning up one form of pollution and creating another
Just make sure amenities are just for the neighbourhood.
Just make sure that all the safety controls are in place no matter where you build it.
Just that I like the idea of the fund to put into the community.
Just the fact that I hope it does not smell
Know very little of it.
Lets get it done soon
Like the location of site.
Long overdue
Long overdue. Will probably do horrible job, and it will be way over budget
Look at the bio treatment system they use in bear river as an option
Make it happen soon
Make sure it is well managed
More information is needed
More information.
Must start as soon as possible
Never bring anything positive to north end. Broken people, second hand stores, and it's just a dumping area. Just upgrade area.
Should be concerned with people into area and take what they want into consideration,....they are the ones living there
Should provide the residents with more information to know about the possible hazards as well as the benefits to the project.
Sooner the better
Speed up the process
That perhaps a public or academic hearing should be implicated.
The fund is just a bribe
The proposal of solar aquatics is interesting if it can be worked on
The sooner the better
The sooner they do it the better
There was some discussion as to whether the plant would be privately run or run by the government, wondering if this has been decided as yet.
They could look into different areas concerning this topic
They should bring out another newsletter updating the people in the area as to what is going on

Think about not privatizing.
Think that it is a good idea for the many advantages.
This area is one of high unemployment; maybe some of the people in this area could be trained for work at the plant. They could be given a preference over others with equal qualifications. I hope that there will be a high standard of occupational safety
Throw it on MacNab's Island.
To engage people in the community and actively notify people to come to a meeting and talk about the sewage treatment plant.
To win over the people who are opposed, try a campaign of publicity & information, and hold public meetings.
Too little too late, but if it works it works, the harbour needs it, it's been a mess for years
Very concerned that it is only going to take out some of the garbage not all the stuff in the harbour ,just the small things
Wastewater management is the most pressing issue in hr. today.
We don't want it. Too close to home
Why was that area chosen? Guarantee that the odour and emissions will be monitored and how they will be monitored
Will it run down the community?
Will the location of the plant be the people's decision or the government's decision? Have all the possibilities been examined? Not very concerned about location itself
Wondering what pollution will be created, for the air and water table.
Would like more info about site selection.
Would like to know what will happen to the waste once it goes through the treatment plant
You can't sell property on Creighton and Cornwallis St. Now what happens if property values are lowered because of the plant?

Halifax South

As long as environmental concerns are taken into consideration when laying pipes and building the facility.
As long as this treatment plant works, and does not create more hazards.
Assessment rates should be lowered
Better now than later.
Build it fast!
Build it in Bedford
Build it somewhere else.
Concerned about it remaining in public hands.
Curious about how many jobs have and will come out of this.
Do it as soon as possible
Do it as soon as possible and at whatever location the engineers deem and the hell with the rest of the world
Do not procrastinate. It is time.
Don't give it to the lowest bidder if the lowest bidder is no good, which is what we tend to do here.
Don't wait too long.
Educate children about the project-they are the future-take care of the environment
Engineering (pubic health), they went through the plant in England and they were amazed at how clean it was. They could take a lesson from the plant in England. The report should on file somewhere.
Enough consultation on subject and let's just do it.
Ensure that there will be no odour and be of very low visibility also I hope that they are not trying to buy the community off with the m
Financial accountability is needed for this project
Fully support the idea just hope it's integrated to work properly, but I've seen the plants before and a good job has been done on them.
Get a move on the project.
Get it done!
Get it done. They have been talking about it for so long
Get it going.
Get it started.
Get on with it
Get on with it and finally do it.
Get on with it, it's taking too long.
Get on with it, stop talking and do something
Get on with the job and stop studying it. You have been collecting money for years for this, and all of it is being spent on studies. With all the money collected from the water there should be more than enough to complete the project by now
Get plant running,
Get something set up, and no more sewage in harbour.
Get the best people for the business and I don't think that there is any one in the local are who is qualified to do the job. They might even have to go outside of Canada to get the right person to do the job. In my opinion if this is done by local people t
Get the job done properly who are running project.
Get the job done.
Get the project going ASAP.
Get this project done soon. Doesn't understand why it's taking so long
Get your act together! The money should be used to buy land and build the plant elsewhere.

Glad it's being discussed-first time I heard of this. I don't think this is a budding thing because they have been talking about this for over 30 years, nothing has been done yet.
Glad they're taking this seriously and hopefully it will finally happen.
Good idea, and do it as soon as possible. It is very important, good, clean water.
Hoping that the million-dollar fund will not be spent directly around the plant, but directly in the neighbourhood.
HRM does what they want to do anyway.
I am glad that they are doing something regarding this issue
I am totally blind and I am concerned about the increased traffic in this area. It is hard enough to get across the street now going from my home to the superstore with out more traffic. No amount of money in a fund will make a difference in
I am very concerned about having the plants run privately.
I hope that it isn't something unsightly, and hope it isn't going to spoil the aesthetics of the waterfront improvements.
I hope that once the plant is operational they will keep us up do date that they will keep us informed as to how well the plant is working, or letting us know when there is a problem with the plant
I just think it's about time that something was done about the harbour.
I know of other treatment plants that you can't tell that they really are sewage treatment plants because there is no odour and the area around the plant looks like parkland. I think the government should look into this and see how they went about this
I support the treatment but the locations are bad. You need to put these plants in less residential areas.
I think it's an excellent idea, but question the location of the site.
I think it's absolutely necessary to have this here.
I think the treatment of the harbour water is a good thing, it has always disgusted me, so it's high time it was cleaned.
I view this is the best for an unfortunate reality ,
I would like more information be given out so that people know what is going on, may ease some of the concerns of the people in the area, for example I did not know about the fund that has been set up...
I would like them to make a decision, and get on with it.
I would like to know if they have seriously considered the impact of going to a non-Canadian firm. What about using natural resources to clean the harbour? Has this been looked into?
I would like to see these built with public funds and completely under public control
I wouldn't want it in my neighbourhood but it has to go somewhere and would rather have than not have it.
I'd like to have more information accessible to the people. As well as an update published in the newspaper.
I'd like to know how long this plan has been around, or if this is a new plan.
I'd like to see some activity and leadership going. Committees / lobby groups, take some control and get started.
I'm glad that they are going along with the idea.
I am pleased with the harbor solution program this survey is badly worded which can only give false conclusions.
If it's gonna be done, do it right!
If you are going to do the job do right the first time.
It is shameful that the plant is only being implemented now. Should have been a long time ago
It is important to get this running the raw sewage issue has gone on long enough.
It is terribly embarrassing for the city to delay.
It will be a great benefit to have a sewage treatment plant.
It will be interesting to see options about other sites.
It would be nice if they would publicize more information on it. Have more community meetings for information, more so than just to listen to gripes. Also: I hope that Canadians (not Americans) will execute the project.
It's a marvelous idea whose time is well overdue.
It's about time

It's modern-once they build it and it's outdated it can't be upgraded-so they'll have to find common ground for the technology of it.
It's over due, and needs to be done soon.
It's about time get on with it?
It's about time. Halifax is the laughing stock of the rest of the country for the lack of a program to treat sewage
Its time they did something about it.
Just do it!
Just do it, as it is long overdue.
Just get it done. We have got to move on it.
Just get on and do it.
Just get on with it and stop fooling around
Just get on with it but don't use the Halifax-Dartmouth coastline.
Just get on with it.
Just get on with the job. The cost is insignificant compared to other communities.
Just go and do it. - Going to be an expensive job-were a first world country treating our backyard disgraceful.
Keep it out of the south end
Keep open to aquatic solutions.
Let's do it, get on with it.
Let's do something, finally.
Let's see some action! Get moving and do something, it's long overdue
Let's do it, the sooner the better.
Let's get it done.
Lets just get it done and do it in the most professional cost effective was possible.
Don't squander the money collected from the water commission for this purpose
Like to move it farther into the industrial lands and container pier.
Like to see people educated on the benefits and downsides to these things and that they consider alternatives.
Long overdue
Make area
More education to public.
More info about it
More information available for the public
More information is needed on the specifics of the proposed plant
More information needed
My main concern is the size and height, you don't want to be looking at this ugly structure and destroying more of the harbour view. This would be from both the land and the harbour
My only comment is that I am wondering why this survey was not done a year ago, this should have been part of the process prior to the signing of the contract which I hear will be done in a couple of weeks time
Need more information.
No more studies about the project-take some action!
No pollution after effects
Please research carefully and do it right. Take your time, and make sure it's done well.
Privatize
Proceed as quickly as possible, but use due diligence in determining who is going to be doing it, and ensuring that its a good project, that the money will be well spent, and that the community will benefit.
Proceed soon!
Project should proceed quickly, as people have been waiting a long time.

Publicize it a little more.
Publicly abominable.
Safety should be the number one issue and if there is any risk factor at all, should not be built in a residential area.
Sees positivity
Send more information about the benefits and what's going on.
Send out flyers re: updates
Sooner built the better.
Spending a million dollars is a little too much.
Stay with the p-3 process.
Stop procrastinating. Take some action!
Study alternative methods.
Take the time, spend the money and do it right!
The only comment I have is to get your act together and get the damn thing built, but choose the location wisely.
The plant has to go some where and we all want the harbour cleaned up and the south end should not be exempt from having a plant just because it is the south end
The solution has to be the right solution, and not half-hearted solutions.
The sooner the better and probably should have been done years ago.
The sooner the better.
The sooner they are built the better.
The treatment plant is a good idea
There is a need to use real experts in planning.
There is no major problem with the plant as long as it is done right.
There should be some kind of source for consumers to be able to find out about what is going on and when it is going to be built. I don't want the environment to be trashed because of the treatment plant being located in this area.
They wasted a lot of money
Think that there are cheaper and more ecologically friendly solutions.
This has been a total waste of time and money on the whole thing. Where has all the money gone
This survey sounded like a prank.
To consider taking the position of the plant, and plant is a good idea, but move it an area in the harbour where more plants are located. I.e. Nova Scotia Power, the oil refinery.
Type & size of facilities and overall design. Positives and negatives and locations for smaller facilities.
Very wise to find out exactly what other cities have done and learn from their experiences
Wants more information.
We need scientific information based on honesty, and the influence, which is sought, should not be political, because there could be mistrust.
What other areas in the south end have been considered for sites.
Will the sewage treatment plant be seen by tourists? Not good for tourism industry
Would be good to have more information about the plan. I do not recall receiving the newsletter -- maybe a newsletter is not enough. We need more information.
Would like to have another descriptive flyer
Would like to see them start this as soon as possible. Hopefully it would bring more employment to the city. Overall better outlook for tourism...would make it more attractive.