

# **Appendix C**

## **Noise**

Governors Island  
 20254  
 June 2, 2011

SiteID	Location		Leq	L1	L10	L50	L90	LMin	LMax
1	Soissons Landing	AM	68.4	74.6	66.5	61.4	59.4	57.8	79.2
		MD	65.5	75.4	67.9	62.6	60.3	58.7	78.5
		PM	67.2	77.8	69.8	62.7	60.8	59.1	83.0
		SPM	67.4	77.6	69.5	63.6	60.7	59.0	85.6
2	Pier 101	AM	61.3	73.9	64.3	54.7	52.2	51.1	81.0
		MD	64.4	74.0	68.4	59.5	54.9	52.4	80.0
		PM	65.3	75.8	68.9	59.5	55.5	52.8	79.3
		SPM	64.5	72.7	68.5	60.7	57.2	54.4	76.0
3	Division Road	AM	53.2	63.7	54.6	51.1	48.8	47.6	68.2
		MD	58.0	65.0	61.1	56.2	53.0	50.2	72.2
		PM	60.5	70.7	62.9	58.1	54.6	50.5	73.2
		SPM	60.1	70.7	62.7	56.4	51.7	47.6	78.1
4	Craig Road South	AM	62.4	71.7	66.7	57.9	53.3	50.7	74.2
		MD	61.7	71.8	64.6	58.5	54.2	51.5	75.0
		PM	62.6	69.2	66.1	61.1	56.2	50.1	72.7
		SPM	62.2	70.0	66.2	59.2	54.5	50.9	72.2
5	Pier 6	Week day	61.9	71.0	64.6	59.6	57.0	56.2	75.6
		Week end	60.9	71.1	63.0	58.0	56.1	54.7	75.0

Governors Island  
 20254  
 January 20-22, 2012

	Location		Leq	L1	L10	L50	L90	LMin	LMax
	DUMBO With Ferry	Weekday	69.0						81.6
	DUMBO Without Ferry	Weekday	62.5	69.0	63.2	60.6	59.0	57.2	81.2

	67.9	4 Ferries Isolated
Weekday	61.9	Single Isolated Ferry

Governors Island  
 20254  
 Ferry Operation Analysis

Site	Day	Measured Existing Leq (dBA)	Measured Existing L10 (dBA)	Distance to Ferry Landing (feet)	# of Large Ferries Using Landing	# of Small Ferries Using Landing		Projected Future Ferry Noise (dBA)	Total Build Leq (dBA)	Project Increment (dBA)	Total Build L10 (dBA)
1	Weekday	65.5	67.9	390	6	0	0	68.6	70.3	4.8	72.7
	Weekend	67.4	69.5		4	0	0	66.8	70.1	2.7	72.2
5	Weekday	61.9	64.6	330	0	2	64.89	62.2	65.1	3.2	67.8
	Weekend	60.9	63		0	2	64.89	62.2	64.6	3.7	66.7

Smaller ferry reference Leq (dBA):	61.9
Larger ferry reference Leq (dBA):	64.9
Reference distance from ferry (feet):	243

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 20254  
 School Playground Analysis

Intermediate

SiteID	Location		Leq	School Leq	Total Leq	Leq Inc
1	Soissons Landing	AM	68.4	71.0	72.9	4.5
		MD	65.5	71.0	72.1	6.6
		PM	67.2	71.0	72.5	5.3
2	Pier 101	AM	61.3	71.0	71.4	10.1
		MD	64.4	71.0	71.9	7.5
		PM	65.3	71.0	72.0	6.7
3	Division Road	AM	53.2	71.0	71.1	17.9
		MD	58.0	71.0	71.2	13.2
		PM	60.5	71.0	71.4	10.9

Early Childhood

SiteID	Location		Leq	School Leq	Total Leq	Leq Inc
1	Soissons Landing	AM	68.4	71.5	73.2	4.8
		MD	65.5	71.5	72.5	7.0
		PM	67.2	71.5	72.9	5.7
2	Pier 101	AM	61.3	71.5	71.9	10.6
		MD	64.4	71.5	72.3	7.9
		PM	65.3	71.5	72.4	7.1
3	Division Road	AM	53.2	71.5	71.6	18.4
		MD	58.0	71.5	71.7	13.7
		PM	60.5	71.5	71.8	11.3