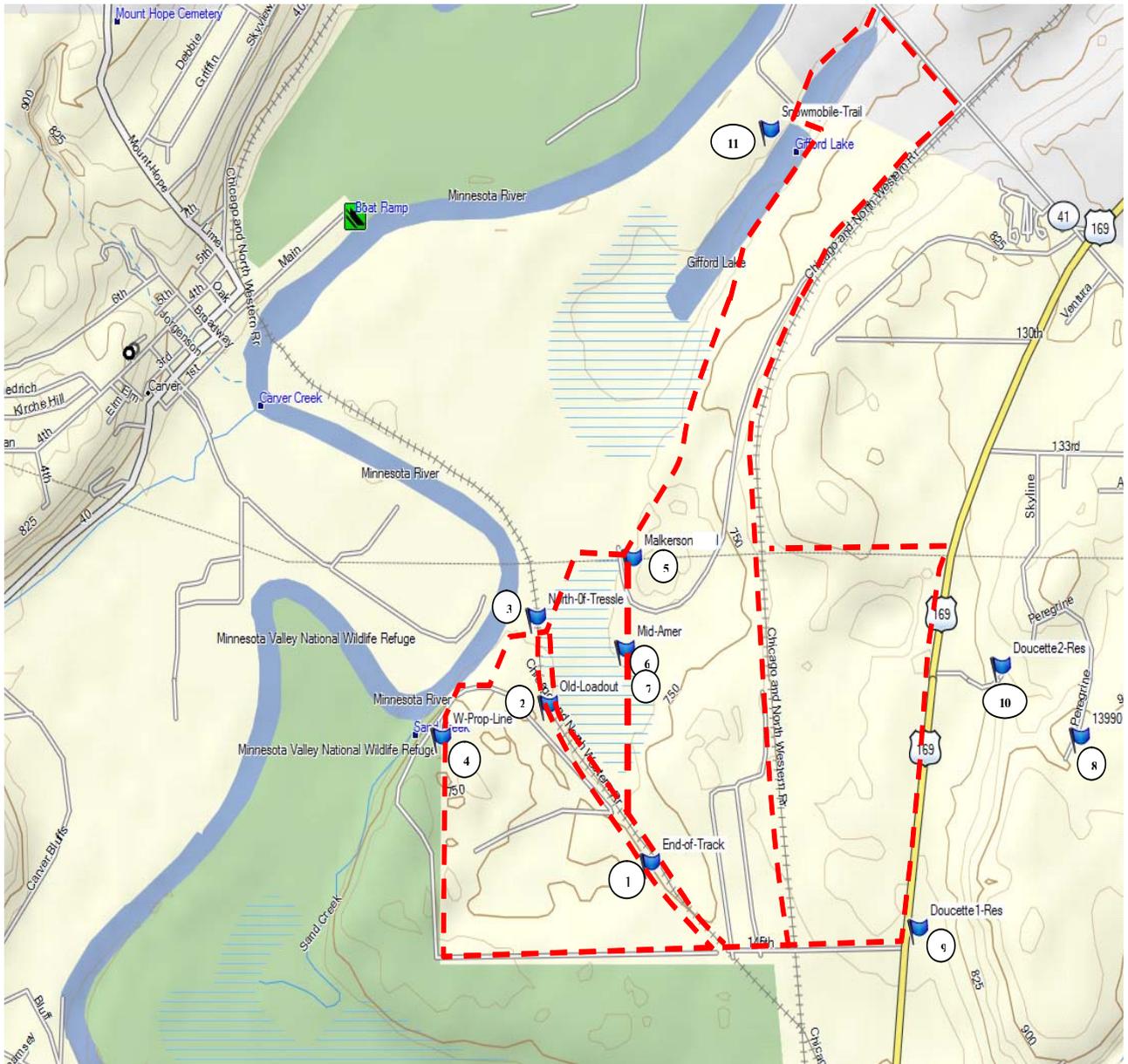
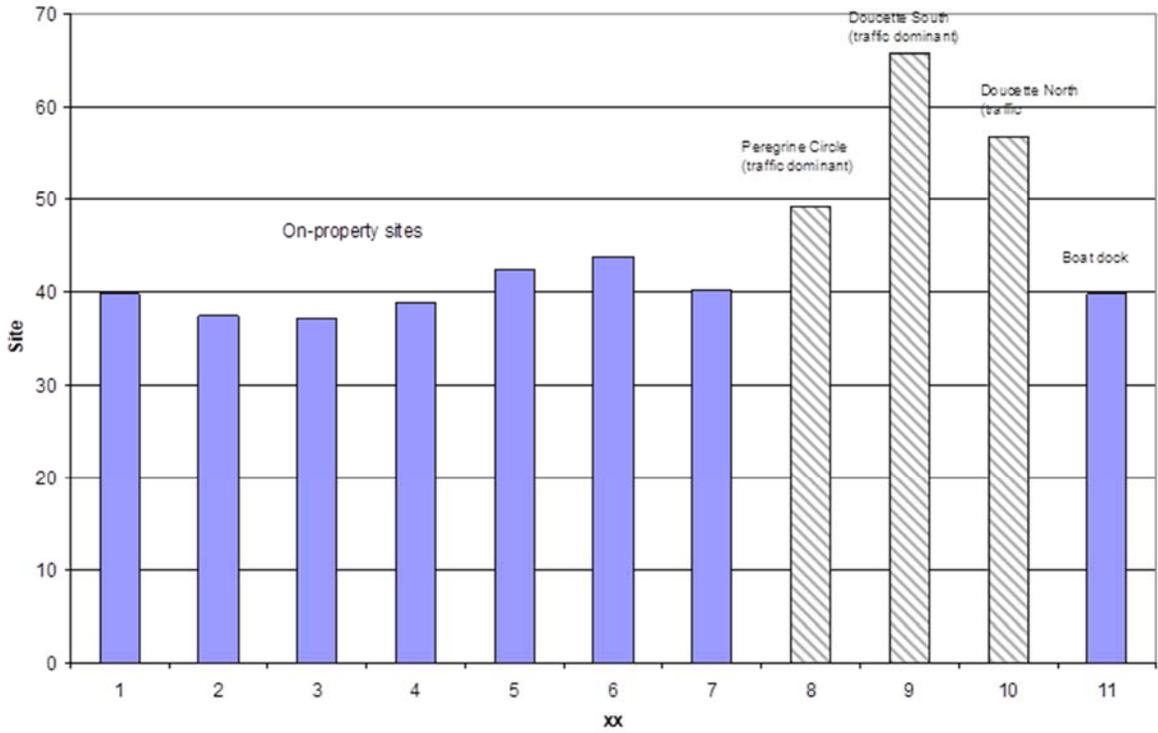


## AMBIENT SOUND LEVEL MEASUREMENTS November 7, 2011

Ambient sound level measurements were taken at a number of locations around the proposed mining areas as shown on the figure below. Readings were taken on Monday, 7 November 2011, when wind speeds were relatively low and ideal for outdoor monitoring. The graph on the next page illustrates the results of the ambient noise monitoring. Readings 8 (Peregrine Circle), 9 (Doucette South), and 10 (Doucette North) were dominated by traffic noise from TH 169. These results are indicated by a striped hatch. Sites 5, 6 and 7 were approximately 1500 feet from the limestone processing area and registered a maximum level of 44 dBA.



Monitored L50 Levels



Monitored Ambient L50 Levels

ACTIVITY MATRIX																							
ProjectID		Alternative 1		Alternative 2		Alternative 3					Alternative 4				Alternative 5				Alternative 6				
		A1-1	A1-2	A2-1	A2-2	A3-1	A3-2	A3-3	A3-4a	A3-4b	A4-1	A4-2	A4-3	A4-4	A5-1	A5-2	A5-3	A5-4	A6-1	A6-2	A6-3	A6-4	
1	MS Gravel 1 Mining										1	1	1	1	1	1	1	1	1	1	1	1	
2	MS Gravel 1-Process										1	1	1	1	1	1	1	1	1	1	1	1	
11	MS Gravel 2 -Mining	1	1	1	1	1	1	1	1	1													
12	MS Gravel 2-Process	1	1	1	1	1	1	1	1	1													
21	MS1Transition Drilling					1					1				1					1			
22	MS1 Sandstone Mining					1					1				1					1			
41	MS2-B LS Top Drilling	1		1					1		1				1					1			
42	MS2-B Limestone Mining	1		1					1		1				1					1			
43	MS2-B Transition Drilling		1		1					1													
44	MS2-B Sandstone Mining		1		1					1													
45	MS2-B Limestone ProcA	1		1						1					1					1			
51	MS3 Transition Drilling	1		1						1		1				1				1			
52	MS3 Sandstone Mining El 710	1		1						1		1				1				1			
61	BR1-A Transition Drilling - Berm 12ft	1		1				1						1			1					1	
62	BR1-A Sandstone Mining - Berm 12ft	1		1				1					1				1					1	
63	BR1-A Limestone Process A- Berm 12ft					1						1				1				1			
64	BR1-A Limestone Top Drilling					1						1				1				1			
65	BR1-A Limestone Mining					1						1				1				1			
71	BR1-B LS Top Dilling - Berm 20ft	1		1				1					1				1					1	
72	BR1-B Limestone Mining - Berm 20ft	1		1				1					1				1					1	
73	BR1-B Transition Drilling		1		1				1				1						1			1	
74	BR1-B Sandstone Mining-Berm		1		1				1				1						1			1	
75	BR1-B Limestone Process - Berm 20ft	1	1	1	1			1					1	1			1	1			1	1	
81	BR2 LS Top Drilling - Berm		1		1								1							1		1	
82	BR2 Limestone Mining - Berm		1		1								1							1		1	
83	BR2-Transition Drilling-Berm																					1	
91	Sandstone Process MS-N Dry	1	1								1	1	1	1									
92	Sandstone Process MS-N Wet	1	1								1	1	1	1									
93	Sandstone Process MS-S Dry			1	1										1	1	1	1					
94	Sandstone Process MS-S Wet			1	1										1	1	1	1					
95	Sandstone Process BRP Dry	1	1	1	1	1	1	1	1	1										1	1	1	
96	Sandstone Process BRP Wet	1	1	1	1	1	1	1	1	1										1	1	1	

Ambient Sound Level Measurements - September 2, 2015

Reading	L10	L50
1	57.2	56.5
2	55.9	55.4
3	57.7	55.1
4	59.9	57.3
5	50.2	48.2
6	48.4	47.2
7	52.1	49.9

