BLACKLEAF PROJECT

ENVIRONMENTAL IMPACT STATEMENT

EIS

SCOPING

Noise Level, in Decibels A Scale (dB (A))

	HOW IT FEELS	EQUIVALENT SOUNDS	HOW IT SOUNDS (COMPARED TO 75dB(A))	SOUNDS FROM DRILLING OPERATION
140	Near Permanent Damage to Ears	Jackhammer, Chainsaw Firecracker at 15 ft.	64 Times as Loud	
130	Pain to Ears	Rock and Roll Band	32 Times as Loud	
120	Uncomfortably Loud	Unmuffled Motorcycle at 2 - 3 ft., Car Horn	16 Times as Loud	
110	Discomfort Threshold	Unmuffled Motorcycle at 25 ft.	8 Times as Loud	
100	Very Loud Conversation Stops	Garbage Trucks, City Buses, and Power Lawnmower	4 Times as Loud	Typical Pipeline Compressor Station at 50 ft.
90	Intolerable for Phone Use	Steady Flow of Freeway Traffic Garbage Disposal	2 Times as Loud	Oilfield Access Road as Trucks Pass at 25 ft.
80	Extra Auditory Physiological Effects	Automatic Dishwasher Passenger Car 65 mph at 25 ft.	**75dB(A)**	Drilling Rig at 200 ft. From Drill Hole
70		Busy Downtown Area	1/2 as Loud	Typical Oil Pump Jack at 100 ft. (Natural Gas Powered)
60	Quiet	Normal Conversation	1/4 as Loud	
50	Sleep Interference		1/8 as Loud	
40			1/16 as Loud	Drilling Rig at ½ Mile from Drill Hole
30		In a Quiet House at Midnight		Ambient Sound Levels in the Area of Concern
20				
10				
0				

NOISE LEVEL

Source: Modified from the Federal Energy Regulatory Commission (FERC) Final EIS on Trailblazer Pipeline System EIS-0018 Docket No. OP79-80 et al.