

**City of Grand Prairie
Environmental Services Department
Noise Review Worksheet**

Approved _____
Not Approved _____

Date _____
Company _____
Well Name _____
Location _____
Noise Consultant _____

Rural Urban High Impact

Y N

Within 1,000 feet of a protected use*

Y N N/A

1. Description of proposed facility/operation
2. 48 hour ambient noise level study completed _____
3. Noise sources identified
4. Abatement measures identified
5. Abatement measures product information
6. * 16 foot noise blanket on boundaries facing protected uses
7. * Noise blanket on rig substructure
8. * Noise blanket around rig floor area
9. * Noise blankets on brake drum housings and pumps
10. * Noise blankets on mud pumps
11. * Noise blankets on diesel motors and generators
12. Mufflers on internal combustion engines
13. Continuous monitoring plan
14. Detailed site plan

Y N N/A

- Boundary noise blankets
- Rig layout noise reduction blankets
- Mufflers
- Protected uses within 1,000 feet
- Ambient noise collection point
- Continuous monitoring location

	DRILLING/ OPERATION LIMITS dB(A)	FRACTURE LIMITS dB(A)
DAY	5	10
NIGHT	3	10

- Note 1: Within 1,000 feet of a protected use – if during nighttime hours, the ambient noise level plus 3 dB (A) exceeds 58 dB (A), then the limit shall be the ambient noise level.
- Note 2: Backflow operations may not exceed the ambient noise level by more than 5 dB (A) during nighttime hours.
- Note 3: With the exception of “Note 1”, adjustments to the noise standards as set forth in the table above may be permitted in accordance with the following:

Permitted Increase dB(A)	Duration of Increase (minutes)*
5	15
10	5
15	1
20	1

* Cumulative minutes during any one hour

Noise limits for this well:
Ambient = _____

	DRILLING/ OPERATION LIMITS dB(A)	FRACTURE LIMITS dB(A)
DAY		
NIGHT		

Notes: _____

