



Figure 1: Noise Monitoring Locations



### Input Data

Case Description: 330 Panorama Project Tank Removal

#### Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	1	Residential	48.0	48.0	48.0
2	2	Residential	50.0	50.0	50.0
3	3	Residential	52.0	52.0	52.0
4	4	Residential	52.0	52.0	52.0

Noise Metric: Leq

Noise Limit Criteria

Receptor #1

Noise Limits

#### Equipment

Receptor #1: 1

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)
1	<input checked="" type="checkbox"/>	Excavator	<input type="checkbox"/>	40%	85.0	80.7	200.0	15.0
2	<input checked="" type="checkbox"/>	Excavator	<input type="checkbox"/>	40%	85.0	80.7	200.0	15.0
3	<input checked="" type="checkbox"/>	Dump Truck	<input type="checkbox"/>	40%	84.0	76.5	200.0	15.0
4	<input checked="" type="checkbox"/>	Dump Truck	<input type="checkbox"/>	40%	84.0	76.5	200.0	15.0
5	<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	50%	82.0	80.6	50.0	10.0
6	<input checked="" type="checkbox"/>	Compressor (air)	<input type="checkbox"/>	40%	80.0	77.7	50.0	10.0

### Results

Receptor #1: 1

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
		Lmax*	Leq	Day		Evening		Night		Day		Evening		Night	
				Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
<b>Total</b>		70.6	69.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Excavator	53.7	49.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Excavator	53.7	49.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Dump Truck	49.4	45.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Dump Truck	49.4	45.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Generator	70.6	67.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Total Lmax is the value for the loudest piece of equipment.

## Modeling Results Tank Removal

Input Data

Case Description: 330 Panorama Project Pad Removal

Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	1	Residential	48.0	48.0	48.0
2	2	Residential	50.0	50.0	50.0
3	3	Residential	52.0	52.0	52.0
4	4	Residential	52.0	52.0	52.0

Noise Metric: Leq

Noise Limit Criteria

Receptor #1

Noise Limits

Equipment Receptor #1: 1

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)
1	<input checked="" type="checkbox"/>	Excavator	<input type="checkbox"/>	40%	85.0	80.7	200.0	10.0
2	<input checked="" type="checkbox"/>	Excavator	<input type="checkbox"/>	40%	85.0	80.7	200.0	10.0
3	<input checked="" type="checkbox"/>	Hydra Break Ram	<input checked="" type="checkbox"/>	10%	90.0	N/A	200.0	10.0
4	<input checked="" type="checkbox"/>	Dump Truck	<input type="checkbox"/>	40%	84.0	76.5	200.0	10.0
5	<input checked="" type="checkbox"/>	Dump Truck	<input type="checkbox"/>	40%	84.0	76.5	200.0	10.0
6	<input type="checkbox"/>	Compressor (air)	<input type="checkbox"/>	40%	80.0	77.7	50.0	0.0

Results

Receptor #1: 1

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
		Lmax*	Leq	Day		Evening		Night		Day		Evening		Night	
				Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
	<b>Total</b>	<b>68.0</b>	<b>61.6</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Excavator	58.7	54.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Excavator	58.7	54.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Hydra Break Ram	68.0	58.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Dump Truck	54.4	50.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Dump Truck	54.4	50.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Total Lmax is the value for the loudest piece of equipment.

Modeling Results Pad Removal