



Report dat 5/3/2017

Case Descr El Dorado Hills Site Prep

---- Receptor #1 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Regal Ciner Residential 51.4 51.4 51.4

Fauinment

			Lquipii				
			Spec		Actual	Receptor	Estimated
	Impact		Lmax		Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)		(dBA)	(feet)	(dBA)
Dozer	No	40	)		81.7	220	9
Dozer	No	40	)		81.7	220	9
Dozer	No	40	)		81.7	220	9
Tractor	No	40	)	84		220	9
Tractor	No	40	)	84		220	9
Tractor	No	40	)	84		220	9
Tractor	No	40	)	84		220	9

Results

	Calculated (dBA)			Noise Limits (dBA)							Noise Limit Exceedance (dBA)				
		Day		Evening		Night		Day		Evening		Night			
Equipment	*Lmax Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq		
Dozer	59.8	55.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Dozer	59.8	55.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Dozer	59.8	55.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Tractor	62.1	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Tractor	62.1	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Tractor	62.1	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Tractor	62.1	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Total	62.1	65.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

\*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Holiday Inr Residential 51.4 51.4 51.4

			Equipm	nent			
			Spec		Actual	Receptor	Estimated
	Impact		Lmax		Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)		(dBA)	(feet)	(dBA)
Dozer	No	40			81.7	430	6
Dozer	No	40			81.7	430	6
Dozer	No	40			81.7	430	6
Tractor	No	40		84		430	6
Tractor	No	40		84		430	6
Tractor	No	40		84		430	6
Tractor	No	40		84		430	6

Resu	lts

		11050110												
	Calculated (dB	A)	Noise L	Noise Limits (dBA)						Noise Limit Exceedance (dBA)				
		Day		Evening	Evening		Night		Day			Night		
Equipment	*Lmax Led	q Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	
Dozer	57	53 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dozer	57	53 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dozer	57	53 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	59.3	55.3 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	59.3	62.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

\*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Lakehills Cc Residential 51.4 51.4 51.4

Equipment

Receptor Estimated Spec Actual Distance Shielding Impact Lmax Lmax (dBA) Description Device Usage(%) (dBA) (feet) (dBA)

Dozer	No	40	81.	.7	900	18							
Dozer	No	40	81.		900	18							
Dozer	No	40	81.		900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
		Result											
	Calculated (dBA)	Day	Noise Lin			Nicht		Davi	Noise Lin	nit Exceedar	ice (dBA)	Niaht	
Equipment	*Lmax Leq	Day Lmax	Log	Eveni Lmax	-	Night Lmax	Log	Day Lmax	Log	Evening Lmax	Log	Night Lmax	Leq
Dozer		34.6 N/A	Leq N/A	N/A	Leq N/A	N/A	Leq N/A	N/A	Leq N/A	N/A	Leq N/A	N/A	N/A
Dozer		34.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer		34.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor		36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor		36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 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	40.9	44.5 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	*Calculated Lmax	is the Loud	est value.										
	Baselines (dBA)	Ke	ceptor #4										
Descriptior Land Use		ng Night											
El Dorado I Resident	,	-	51.4										
		Equipr											
		Spec	Actual		otor Estim								
Description	Impact	Lmax	Lmax	Distar (foot)		ing							
Description	Device Usage		(dBA)	(feet)	(dBA) 900	10							
Dozer Dozer	No No	40 40	81. 81.		900	18 18							
Dozer	No	40	81.		900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
Tractor	No				900	18							
Tractor		40 Result	s	nits (dRA		18			Noise Lin	nit Evceedar	nce (dRA)		
Tractor	No Calculated (dBA)	Result			۸)			Dav	Noise Lin	nit Exceedar Evening	nce (dBA)	Night	
			s Noise Lin	nits (dBA Eveni Lmax	۸)	18 Night Lmax	Leq	Day Lmax		nit Exceedar Evening Lmax		Night Lmax	Leq
Tractor  Equipment Dozer	Calculated (dBA) *Lmax Leq	Result Day	s	Eveni	\) ng	Night	Leq N/A		Noise Lin Leq N/A	Evening	nce (dBA) Leq N/A	_	Leq N/A
Equipment	Calculated (dBA)  *Lmax Leq 38.6	Result Day Lmax	s Noise Lin Leq	Eveni Lmax	N) ng Leq	Night Lmax		Lmax	Leq	Evening Lmax	Leq	Lmax	
Equipment Dozer	*Lmax Leq 38.6 38.6	Result Day Lmax 34.6 N/A	s Noise Lin Leq N/A	Eveni Lmax N/A	N) ng Leq N/A	Night Lmax N/A	N/A	Lmax N/A	Leq N/A	Evening Lmax N/A	Leq N/A	Lmax N/A	N/A
Equipment Dozer Dozer Dozer Tractor	*Lmax Leq 38.6 38.6 38.6 40.9	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 34.6 N/A	S Noise Lin Leq N/A N/A N/A	Evenin Lmax N/A N/A N/A N/A	Leq N/A N/A N/A	Night Lmax N/A N/A N/A N/A	N/A N/A N/A N/A	Lmax N/A N/A N/A N/A	Leq N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A	Leq N/A N/A N/A	Lmax N/A N/A N/A N/A	N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A	Noise Lin  Leq N/A N/A N/A N/A N/A	Evenin Lmax N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A	N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A	Leq N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A	Leq N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A	N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A	Evenii Lmax N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A	Noise Lin Leq N/A N/A N/A N/A N/A N/A N/A N/A	Evenii Lmax N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 40.9	Result Day Lmax 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A	Noise Lin Leq N/A	Evenii Lmax N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9	Result Day Lmax 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A	Noise Lin Leq N/A	Evenii Lmax N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 40.9	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A is the Loud	Noise Lin Leq N/A	Evenii Lmax N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA)	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A is the Loud	Noise Lin  Leq N/A	Evenii Lmax N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Dozer	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Evenin	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A is the Loud  Re	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A N/A cest value.	Evenii Lmax N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Evenin	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A is the Loud  Re	Noise Lin  Leq N/A	Evenii Lmax N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Dozer	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Evenin	Result  Day Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A N/A Coptor #5	Evenii Lmax N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Dozer	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Evenin	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A is the Loud  Re	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A N/A Coptor #5	Evenii Lmax N/A N/A N/A N/A N/A N/A N/A	N) ng Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Dozer	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Evenin	Result  Day Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud Re  Reg Night 51.4	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A Solution  N/A N/A N/A N/A N/A N/A Solution  Solution  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	Evenii Lmax N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Dozer	*Lmax Leq	Result  Day  Lmax  34.6 N/A  34.6 N/A  34.6 N/A  36.9 N/A  36.9 N/A  36.9 N/A  36.9 N/A  is the Loud  Re  ng Night  51.4  Equipr  Spec  Lmax	Noise Lin Leq N/A N/A N/A N/A N/A N/A N/A N/A Sest value. ceptor #5	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor  Total  Descriptior Land Use Sound Leve Resident	*Lmax Leq	Result  Day  Lmax  34.6 N/A  34.6 N/A  34.6 N/A  36.9 N/A  36.9 N/A  36.9 N/A  36.9 N/A  is the Loud  Re  ng Night  51.4  Equipr  Spec  Lmax	Noise Lin Leq N/A N/A N/A N/A N/A N/A N/A St value. ceptor #5  51.4 ment Actual Lmax	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A (Feet)	Leq N/A N/A N/A N/A N/A N/A N/A	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagei No No	Result  Day Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A is the Loud  Re ng Night 51.4  Equipr Spec Lmax (%) (dBA) 40 40	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A St value.  Ceptor #5  51.4  ment Actual Lmax (dBA) 81.	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A N/A N/A Solotor Estimates Shield (dBA)	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A n/A O N/A O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagel No No No	Result  Day Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re ng Night 51.4  Equipr Spec Lmax (%) (dBA) 40 40 40	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A Strail  Ceptor #5  51.4  ment Actual Lmax (dBA) 81. 81.	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A N/A Shield (dBA)	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O N/A N/A O O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor  Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usager No No No	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re ng Night 51.4  Equipr Spec Lmax (%) (dBA) 40 40 40 40	Noise Lin Leq N/A N/A N/A N/A N/A N/A N/A N/A St value. ceptor #5 51.4 ment Actual Lmax (dBA) 81. 81.	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A N/A Shield (dBA)	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor  Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagei No No No No	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re  Re Re Re Re Re Re Re Re Re Re Re Re	S Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A Sest value.  ceptor #5  51.4  ment Actual Lmax (dBA) 81. 81. 84	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A N/A Solotor Estimates (dBA) 50 50 50 50 50 50	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O O O O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Trator Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagel No No No No No No	Result  Day  Lmax  34.6 N/A  34.6 N/A  34.6 N/A  36.9 N/A  36.9 N/A  36.9 N/A  44.5 N/A  is the Loud  Re  Reg Night  51.4  Equipr  Spec  Lmax  (%) (dBA)  40  40  40  40  40  40  40  40  40	S Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A Sest value.  ceptor #5  51.4  ment Actual Lmax (dBA) 81. 81. 84 84	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	btor Estimate (dBA)  50 50 50 50 50 50 50	Night Lmax N/A N/A N/A N/A N/A N/A N/A O O O O O O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor  Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagei No No No No	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re  Re Re Re Re Re Re Re Re Re Re Re Re	S Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A Sest value.  ceptor #5  51.4  ment Actual Lmax (dBA) 81. 81. 84	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A N/A Solotor Estimates (dBA) 50 50 50 50 50 50	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O O O O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Trator Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor Tractor	Calculated (dBA)  *Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagei No	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re  Re Re Re Re Re Re Re Re Re Re Re Re	S Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A Sest value.  Ceptor #5  51.4  ment Actual Lmax (dBA) 81. 81. 84 84 84	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Deter Estimate (dBA)  50 50 50 50 50 50 50	Night Lmax N/A N/A N/A N/A N/A N/A N/A O O O O O O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Trator Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagel No No No No No No	Result  Day Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 44.5 N/A is the Loud  Re ng Night 51.4  Equipr Spec Lmax (%) (dBA) 40 40 40 40 40 40 40 40 40 40 40 40 40	S Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A Sest value.  ceptor #5  51.4  ment Actual Lmax (dBA) 81. 81. 84. 84.	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	btor Estimate (dBA)  50 50 50 50 50 50 50 50	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O O O O O O O O O	N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagei No No No No No No No Calculated (dBA)	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re  Result  A0 40 40 40 40 40 40 40 40 40 40 40 40 40	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A St value.  ceptor #5  51.4 ment Actual Lmax (dBA) 81. 81. 84 84 84 84 85 Noise Lin	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	btor Estimate Shield (dBA)  50 50 50 50 50 50 50 50 50 50 50	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O O O O O O O O O O O O O O O O O O O	N/A N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A Evening	Leq N/A N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Tractor Tractor Tractor Tractor Tractor Tractor  Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagel No No No No No No No No Calculated (dBA)  *Lmax Leq	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re  Result  Result  Day  Lmax  Capacitation  Result  Day  Lmax	S Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A Sest value.  ceptor #5  51.4  ment Actual Lmax (dBA) 81. 81. 84 84 84 84 85 Noise Lin Leq	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	botor Estimate Shield (dBA)  50  50  50  50  50  50  50  50  50  5	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O O O O O O O O O O O O O O O O O O O	N/A N/A N/A N/A N/A N/A N/A	Lmax N/A	Leq N/A N/A N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A Logical Evening Lmax	Leq N/A N/A N/A N/A N/A N/A N/A	Lmax N/A	N/A N/A N/A N/A N/A N/A
Equipment Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Total  Descriptior Land Use Sound Leve Resident  Description Dozer Dozer Dozer Tractor Tractor Tractor Tractor Tractor Tractor	*Lmax Leq 38.6 38.6 38.6 38.6 40.9 40.9 40.9 40.9 *Calculated Lmax  Baselines (dBA) Daytime Eveninial 51.4  Impact Device Usagel No No No No No No No No Calculated (dBA) *Lmax Leq 81.7	Result  Day  Lmax 34.6 N/A 34.6 N/A 34.6 N/A 36.9 N/A 36.9 N/A 36.9 N/A 36.9 N/A is the Loud  Re  Result  A0 40 40 40 40 40 40 40 40 40 40 40 40 40	Noise Lin  Leq N/A N/A N/A N/A N/A N/A N/A N/A St value.  ceptor #5  51.4 ment Actual Lmax (dBA) 81. 81. 84 84 84 84 85 Noise Lin	Evenin Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	btor Estimate Shield (dBA)  50 50 50 50 50 50 50 50 50 50 50	Night Lmax N/A N/A N/A N/A N/A N/A N/A N/A O O O O O O O O O O O O O O O O O O O	N/A N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A N/A	Leq N/A N/A N/A N/A N/A N/A N/A	Evening Lmax N/A N/A N/A N/A N/A N/A N/A N/A N/A Evening	Leq N/A N/A N/A N/A N/A N/A N/A	Lmax N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A

Dozer		81.7	77.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor		84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor		84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor		84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor		84	80 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	84	87.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		*Calculated Li	max is the Loude	st value.										

#### Roadway Construction Noise Model (RCNM), Version 1.1

Report dat 5/3/2017

Case Descr El Dorado Hills Grading

---- Receptor #1 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Regal Ciner Residential 51.4 51.4 51.4

pment

			Spec	Actua	al	Receptor	Estimated
	Impact		Lmax	Lmax		Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	)	(feet)	(dBA)
Excavator	No	40			80.7	220	9
Grader	No	40		85		220	9
Dozer	No	40			81.7	220	9
Tractor	No	40		84		220	9
Tractor	No	40		84		220	9
Tractor	No	40		84		220	9

Results

	,			Noise Limits (dBA)						Noise Limit Exceedance (dBA)				
		Day		Evening		Night		Day		Evening		Night		
Equipment	*Lmax Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	
Excavator	58.8	54.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Grader	63.1	59.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dozer	59.8	55.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	62.1	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	62.1	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	62.1	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Total	63.1	65.4 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	*Calculated Lm	ax is the Loudes	t value.											

---- Receptor #2 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Holiday Inr Residential 51.4 51.4 51.4

	Impact	(4)	Equipm Spec Lmax		Actual Lmax	Receptor Distance	Estimated Shielding
Description	Device	Usage(%)	(dBA)		(dBA)	(feet)	(dBA)
Excavator	No	40			80.	7 430	6
Grader	No	40		85		430	) 6
Dozer	No	40			81.	7 430	) 6
Tractor	No	40		84		430	6
Tractor	No	40		84		430	) 6
Tractor	No	40		84		430	6

Results

		11000100												
	Calculated (dBA	.)	Noise Li	mits (dBA)					Noise Li	Noise Limit Exceedance (dBA)				
		Day		Evening		Night		Day		Evening		Night		
Equipment	*Lmax Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	
Excavator	56	52 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Grader	60.3	56.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dozer	57	53 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Tractor	59.3	55.3 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	60.3	62.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	*Calculated Lma	ax is the Loudes	t value.											

---- Receptor #3 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Lakehills Cc Residential 51.4 51.4 51.4

Equipment

			Equipi	iiciic			
			Spec	Act	ual	Receptor	Estimated
	Impact		Lmax	Lma	ЭX	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dB	A)	(feet)	(dBA)
Excavator	No	40	)		80.7	900	18
Grader	No	40	)	85		900	18
Dozer	No	40	)		81.7	900	18
Tractor	No	40	)	84		900	18

Tractor	No	40	84		900	18							
Tractor	No	40	84	9	900	18							
		Results											
	Calculated (dB/	•	Noise Li	mits (dBA)					Noise L	mit Exceeda	nce (dBA)		
		Day		Evening	3	Night		Day		Evening		Night	
Equipment	*Lmax Leq	l Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	37.6	33.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	41.9	37.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	38.6	34.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 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	41.9	44.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	*Calculated Lm	nax is the Loude	est value.										
		Rec	eptor #4										
	Baselines (dBA	)	·										
Descriptior Land Use		ning Night											
El Dorado I Resident	,		51.4										
		Eguipn	nent										
		Spec	Actual	Recepto	or Estimat	ed.							
	Impact	Lmax	Lmax	Distanc									
Description		age(%) (dBA)	(dBA)	(feet)	(dBA)	.0							
Excavator	No	40			900	18							
Grader	No	40	85		900	18							
Dozer	No	40			900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
Tractor	No	40	84		900	18							
Tractor	NO	40	04	-	900	10							
		Results											
	Calculated (dB/			mits (dBA)					Noise L	mit Exceeda	nco (dDA)		
	Calculated (UB/	•	NOISE LI			Night		Day	NOISE L		lice (ubA)	Night	
Equipment	*Lmax Leg	Day Lmax	Log	Evening Lmax	} Leq	Night Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Excavator	37.6		Leq N/A										
		33.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	41.9	37.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	38.6	34.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 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	41.9	44.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	*Calculated Lm	nax is the Loude	est value.										
			eptor #5										
	Baselines (dBA	•											
Descriptior Land Use		ening Night											
Sound Leve Resident	ial 51.4	51.4	51.4										
		Equipn											
		Spec	Actual		or Estimat								
	Impact	Lmax	Lmax	Distanc		ng							
Description		age(%) (dBA)	(dBA)	(feet)	(dBA)								
Excavator	No	40		0.7	50	0							
Grader	No	40	85		50	0							
Dozer	No	40		1.7	50	0							
Tractor	No	40	84		50	0							
Tractor	No	40	84		50	0							
Tractor	No	40	84		50	0							
		Results											
	Calculated (dB/	•	Noise Li	mits (dBA)					Noise L	mit Exceeda	nce (dBA)		
		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax Leq		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	80.7	76.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	85	81 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80 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	85	87.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	*Calculated Lm	nax is the Loude	est value.										

Report dat 5/3/2017

Case Descr El Dorado Hills Building Construction

---- Receptor #1 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Regal Ciner Residential 51.4 51.4 51.4

Fauinment

			Equipment					
			Spec		Actual	Receptor	Estimated	
	Impact		Lmax		Lmax	Distance	Shielding	
Description	Device	Usage(%)	(dBA)		(dBA)	(feet)	(dBA)	
Crane	No	16	;		80.6	220	9	
Man Lift	No	20	)		74.7	220	9	
Man Lift	No	20	)		74.7	220	9	
Man Lift	No	20	)		74.7	220	9	
Generator	No	50	)		80.6	220	9	
Tractor	No	40	)	84		220	9	
Tractor	No	40	)	84		220	9	
Tractor	No	40	)	84		220	9	
Welder / Torch	No	40	)		74	220	9	

				Results											
	Calculated	(dBA)			Noise Li	mits (dBA)					Noise Li	Noise Limit Exceedance (dBA)			
				Day		Evening		Night Day		Evening			Night		
Equipment	*Lmax	Leq		Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	58.7		50.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	52.8	;	45.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	52.8	;	45.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	52.8	;	45.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	58.8	;	55.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	62.1		58.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	62.1		58.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	62.1		58.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	52.1		48.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	62.1		64.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<sup>\*</sup>Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Holiday Inr Residential 51.4 51.4 51.4

Equipment
Snoc

			Spec	1	Actual	Receptor	Estimated
	Impact		Lmax	- 1	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(	(dBA)	(feet)	(dBA)
Crane	No	16			80.6	430	6
Man Lift	No	20			74.7	430	6
Man Lift	No	20			74.7	430	6
Man Lift	No	20			74.7	430	6
Generator	No	50			80.6	430	6
Tractor	No	40		84		430	6
Tractor	No	40		84		430	6
Tractor	No	40		84		430	6
Welder / Torch	No	40			74	430	6

Racii	ltc.

		itcauita											
	Calculated (dBA)			Noise Limits (dBA)					Noise Li	Noise Limit Exceedance (dBA)			
		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax Le	q Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	55.9	47.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	50	43 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	50	43 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	50	43 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	55.9	52.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	59.3	55.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	49.3	45.3 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	59.3	61.4 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

 ${}^{*}\text{Calculated Lmax}$  is the Loudest value.

---- Receptor #3 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night

Lakehills Cc Residential 51.4 51.4

Equipment

	Impact		Spec Lmax		Actual Lmax	Receptor Distance	Estimated Shielding
Description	Device	Usage(%)	(dBA)		(dBA)	(feet)	(dBA)
Crane	No	16			80.6	900	18
Man Lift	No	20			74.7	900	18
Man Lift	No	20			74.7	900	18
Man Lift	No	20			74.7	900	18
Generator	No	50			80.6	900	18
Tractor	No	40		84		900	18
Tractor	No	40		84		900	18
Tractor	No	40		84		900	18
Welder / Torch	No	40			74	900	18

Results Calculated (dBA) Noise Limits (dBA) Noise Limit Exceedance (dBA) Evening Evening Night Day Night Day Equipment \*Lmax Lmax Lmax Lmax Leq Lmax Lmax Lmax 37.4 29.5 N/A N/A N/A N/A N/A N/A Crane N/A N/A N/A N/A N/A N/A N/A Man Lift 31.6 24.6 N/A Man Lift 31.6 24.6 N/A Man Lift 31.6 24.6 N/A Generator 37.5 34.5 N/A Tractor 40.9 36.9 N/A 40 9 36.9 N/A Tractor Tractor 40.9 36.9 N/A Welder / Torch 30.9 26.9 N/A Total 40.9 43 N/A N/A

---- Receptor #4 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night El Dorado I Residential 51.4 51.4 51.4

Equipment

			Spec	Actu	al	Receptor	Estimated
	Impact		Lmax	Lmax	(	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA	)	(feet)	(dBA)
Crane	No	16	i		80.6	900	18
Man Lift	No	20	1		74.7	900	18
Man Lift	No	20	1		74.7	900	18
Man Lift	No	20	1		74.7	900	18
Generator	No	50	1		80.6	900	18
Tractor	No	40	1	84		900	18
Tractor	No	40	1	84		900	18
Tractor	No	40	1	84		900	18
Welder / Torch	No	40	1		74	900	18

\*Calculated Lmax is the Loudest value.

	Results												
	Calculated (dB/	A)	Noise Li	mits (dBA)					Noise Li	Noise Limit Exceedance (dBA)			
		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	37.4	29.5 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	31.6	24.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	31.6	24.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	31.6	24.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	37.5	34.5 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	30.9	26.9 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	40.9	43 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	*Calculated Lm	ax is the Loudes	t value.										

---- Receptor #5 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Sound Leve Residential 51.4 51.4 51.4

Equipment

Spec Actual Receptor Estimated

	Impact	Lr	max	Lmax	Distance	Shielding
Description	Device	Usage(%) (c	BA)	(dBA)	(feet)	(dBA)
Crane	No	16		80.6	50	0
Man Lift	No	20		74.7	50	0
Man Lift	No	20		74.7	50	0
Man Lift	No	20		74.7	50	0
Generator	No	50		80.6	50	0
Tractor	No	40	84		50	0
Tractor	No	40	84		50	0
Tractor	No	40	84		50	0
Welder / Torch	No	40		74	50	0

		Results											
	Calculated (dBA	Noise Li	mits (dBA)					Noise Li	imit Exceeda	ince (dBA)			
		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	80.6	72.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	74.7	67.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	74.7	67.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift	74.7	67.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74	70 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	84	86.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Report dat 5/3/2017

Case Descr El Dorado Hills Paving

---- Receptor #1 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night
Regal Ciner Residential 51.4 51.4 51.4

Equipment

			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Concrete Mixer Truck	No	40		78.	8 220	9
Concrete Mixer Truck	No	40		78.	8 220	9
Paver	No	50		77.	2 220	9
Paver	No	50		77.	2 220	9
Paver	No	50		77.	2 220	9
Roller	No	20		8	0 220	9
Roller	No	20		8	0 220	9
Tractor	No	40		84	220	9

Results

	Calculated	(dBA	)	•					Noise L	mit Exceeda	ince (dBA)			
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Mixer Truck	56.9	)	53 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Mixer Truck	56.9	)	53 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	55.4	ļ	52.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	55.4	ļ	52.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	55.4	ļ	52.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	58.1	L	51.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	58.1	L	51.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	62.1	L	58.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	62.1	L	62.6 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night
Holiday Inr Residential 51.4 51.4 51.4

Equipment

эрсс	Actual	Receptor	Estimated
Lmax	Lmax	Distance	Shielding
Usage(%) (dBA)	(dBA)	(feet)	(dBA)
40	78.8	430	6
40	78.8	430	6
50	77.2	430	6
50	77.2	430	6
50	77.2	430	6
20	80	430	6
20	80	430	6
40	84	430	6
	40 40 50 50 50 20 20	Usage(%) (dBA) (dBA) (dBA) 40 78.8 40 78.8 50 77.2 50 77.2 20 80 20 80	Usage(%)         (dBA)         Lmax (dBA)         Distance (feet)           40         78.8         430           40         78.8         430           50         77.2         430           50         77.2         430           50         77.2         430           20         80         430           20         80         430           20         80         430

Results

	Calculated (di	BA)	Noise Li	mits (dBA)					Noise Li	mit Exceeda	nce (dBA)		
		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax Le	q Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Mixer Truck	54.1	50.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Mixer Truck	54.1	50.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	52.5	49.5 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	52.5	49.5 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	52.5	49.5 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	55.3	48.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	55.3	48.3 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	59.3	55.3 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	59.3	59.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night
Lakehills C Residential 51.4 51.4 51.4

			Equipm	ent		
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Concrete Mixer Truck	No	40		78.8	900	18
Concrete Mixer Truck	No	40		78.8	900	18
Paver	No	50		77.2	900	18
Paver	No	50		77.2	900	18
Paver	No	50		77.2	900	18
Roller	No	20		80	900	18
Roller	No	20		80	900	18
Tractor	No	40		84	900	18

Results

	Calculated (di	BA)	Noise Li	mits (dBA)					Noise Li	mit Exceeda	nce (dBA)		
		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax Le	q Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Mixer Truck	35.7	31.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Mixer Truck	35.7	31.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	34.1	31.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	34.1	31.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	34.1	31.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	36.9	29.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	36.9	29.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 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	40.9	41.4 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

---- Receptor #4 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night El Dorado I Residential 51.4 51.4 51.4

Equipment

			Lquipiii	CIII				
			Spec	Actual	Recep	tor	Estimated	l
	Impact		Lmax	Lmax	Distan	ice	Shielding	
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)		(dBA)	
Concrete Mixer Truck	No	40		78	3.8	900	18	3
Concrete Mixer Truck	No	40		78	3.8	900	18	3
Paver	No	50		77	.2	900	18	3
Paver	No	50		77	7.2	900	18	3
Paver	No	50		77	.2	900	18	3
Roller	No	20			80	900	18	3
Roller	No	20			80	900	18	3
Tractor	No	40		84		900	18	3

\*Calculated Lmax is the Loudest value.

Results

	Calculated (dBA	A)	,						Noise Limit Exceedance (dBA)				
		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Mixer Truck	35.7	31.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Mixer Truck	35.7	31.7 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	34.1	31.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	34.1	31.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	34.1	31.1 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	36.9	29.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	36.9	29.9 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	40.9	36.9 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	40.9	41.4 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	*Calculated Lm	ax is the Loudes	t value.										

---- Receptor #5 ----

Baselines (dBA)

Descriptior Land Use Daytime Evening Night Sound Leve Residential 51.4 51.4 51.4

Equipment

			-qu.pc			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Concrete Mixer Truck	No	40		78.8	50	0
Concrete Mixer Truck	No	40		78.8	50	0
Paver	No	50		77.2	50	0
Paver	No	50		77.2	50	0
Paver	No	50		77.2	50	0
Roller	No	20		80	50	0

Roller Tractor	No No	20 40	84	80	50 50	0							
Tractor	NO	40	04		30	O							
		Result	s										
	Calculated (dB	A)	Noise L	imits (dBA)					Noise L	imit Exceeda	ince (dBA)		
		Day		Evenin	g	Night		Day		Evening		Night	
Equipment	*Lmax Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Mixer Truck	78.8	74.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Mixer Truck	78.8	74.8 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	77.2	74.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	77.2	74.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	77.2	74.2 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80	73 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80	73 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84	80 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	84	84.5 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	*Calculated Lm	nax is the Loud	est value.										

Results

Day

Calculated (dBA)

Noise Limits (dBA) Evening

Night

Day

		Roadv	vay C	Construction	n Noise Mod	lel (RCNM),	Version 1.1								
Report dat 5/3/2017 Case Descr El Dorado		ectural (	Coati	ng											
				Recept	or #1										
	Baselines														
Descriptior Land Use Regal Ciner Residentia		Evenir 4	ng 51.4	Night 51.4											
				Equipment											
	Impact			Spec Lmax	Actual Lmax	Receptor Distance	Estimated Shielding								
Description	Device	Usage	(%)	(dBA)	(dBA)	(feet)	(dBA)								
Compressor (air)	No		40		77.7	220	) 9	)							
				Results											
	Calculated	d (dBA)		Day	Noise Limit	ts (dBA) Evening		Night		Day	Noise Limi	it Exceedan Evening	ce (dBA)	Night	
Equipment	*Lmax	Leq		Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)	55.			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	55.8 *Calculate		51.8 is th	N/A e Loudest v	N/A ralue.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Baselines	(dBA)		Recept	or #2										
Descriptior Land Use	Daytime	Evenir	-	Night											
Holiday Inr Residentia	l 51.	4	51.4	51.4											
				Equipment											
	Impact			Spec Lmax	Actual Lmax	Receptor Distance	Estimated Shielding								
Description	Device	Usage	(%)	(dBA)	(dBA)	(feet)	(dBA)								
Compressor (air)	No		40		77.7	430	) 6	i							
				Results											
	Calculated	d (dBA)		D	Noise Limit			Nicha		Davis	Noise Limi	it Exceedan	ce (dBA)	NI:	
Equipment	*Lmax	Leq		Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Compressor (air)	53			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	*Calculate			N/A e Loudest v	N/A ralue.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				Recept	or #2										
	Baselines	(dBA)		Recept	01 #3										
Descriptior Land Use Lakehills Cc Residentia	Daytime I 51.4	Evenir	ng 51.4	Night 51.4											
Lakerinis et nesidentia	. 31.	-	J1. <del>-</del>												
				Equipment Spec	t Actual	Recentor	Estimated								
	Impact			Lmax	Lmax	Distance	Shielding								
Description	Device	Usage		(dBA)	(dBA)	(feet)	(dBA)								
Compressor (air)	No		40		77.7	900	) 18	3							
	Calculato	4 (4BV)		Results	Noise Limit	ts (dBA)					Noice Line	it Evcoods=	co (dBV)		
	Calculated	u (uBA)		Day	MOISE FILLI	Evening		Night		Day	MOISE LIMI	it Exceedan Evening	LE (UDA)	Night	
Equipment	*Lmax	Leq		Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)	34.0			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	34.0 *Calculate			N/A e Loudest v	N/A ralue.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				Recept	or #4										
	Baselines			песері	J. 11-7										
Description Land Use			_	Night											
El Dorado I Residentia	l 51.	4	51.4	51.4											
				Equipment		Dogo-+-	Fatint- !								
	Impact			Spec Lmax	Actual Lmax	Receptor Distance	Estimated Shielding								
Description	Device	Usage	(%)	(dBA)	(dBA)	(feet)	(dBA)								
Compressor (air)	No		40		77.7	900	) 18	3							

Night

Noise Limit Exceedance (dBA)

Evening

Equipment Compressor (air)	*Lmax Leq 34.6	Lmax 30.6 N/A	Leq N/A	Lmax N/A	Leq N/A								
Total	34.6	30.6 N/A	N/A	N/A	N/A								
		ax is the Loudes	•	,	,	,	,	,	,	,	,	,	,
		Rece	ptor #5										
	Baselines (dBA	)											
Descriptior Land Use	•	ning Night											
Sound Leve Residenti	al 51.4	51.4 51	.4										
		Equipme	n+										
				Doconton	Cotimosto	a d							
		Spec	Actual	Receptor									
	Impact	Lmax	Lmax	Distance	Shieldin	g							
Description		ge(%) (dBA)	(dBA)	(feet)	(dBA)								
Compressor (air)	No	40	77	.7 5	0	0							
		Results											
	Calculated (dB/		Noise Lin	nits (dBA)					Noise Li	mit Exceeda	ince (dRA)		
	Calculated (ab)	Day	NOISC LIII	Evening		Night		Day	INOISC LI	Evening	. ,	Night	
Equipment	*Lmax Leg	•	Leq	Lmax	Leq								
Compressor (air)	77.7	73.7 N/A	N/A	N/A	N/A								
			•							,			
Total	77.7	73.7 N/A	N/A	N/A	N/A								
	*Calculated Lm	ax is the Loudes	t value.										

El Dorado Hills Construction Site Preparation Noise - Unmitigated

Reference Noise Distance 50 Reference Noise Level (RCNM) 87.6

			Maximum			
			Construction	Existing		
	Distance	Attenuation	Noise Level	Ambient (dBA,	New Ambient	
Sensitive Receptor	(feet)	Factors	(RCNM)	Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	65.7	51.4	65.9	14.5
Holiday Inn Express	430	6	62.9	51.4	63.2	11.8
Lakehills Covenant Church	900	18	44.5	51.4	52.2	0.8
El Dorado Hills Kindercare	900	18	44.5	51.4	52.2	0.8

A 6 dBA attenuation was given for hard ground surfuce, and 3 dBA reduction was given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

El Dorado Hills Construction Grading Noise - Unmitigated

Reference Noise Distance 50 Reference Noise Level (RCNM) 87.3

			Maximum	Existing		
	Distance	Attenuation	Construction	Ambient (dBA,	New Ambient	
Sensitive Receptor	(feet)	Factors	Noise Level	Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	65.4	51.4	65.6	14.2
Holiday Inn Express	430	6	62.6	51.4	62.9	11.5
Lakehills Covenant Church	900	18	44.2	51.4	52.2	8.0
El Dorado Hills Kindercare	900	18	44.2	51.4	52.2	0.8

A 6 dBA attenuation was given for hard ground surfuce, and 3 dBA reduction was given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

El Dorado Hills Construction Building Construction Noise - Unmitigated

Reference Noise Distance 50 Reference Noise Level (RCNM) 86.1

			Maximum			
			Construction	Existing		
	Distance	Attenuation	Noise Level	Ambient (dBA,	New Ambient	
Sensitive Receptor	(feet)	Factors	(RCNM)	Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	64.2	51.4	64.5	13.1
Holiday Inn Express	430	6	61.4	51.4	61.8	10.4
Lakehills Covenant Church	900	18	43.0	51.4	52.0	0.6
El Dorado Hills Kindercare	900	18	43.0	51.4	52.0	0.6

A 6 dBA attenuation was given for hard ground surfuce, and 3 dBA reduction was given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

El Dorado Hills Construction Paving Noise - Unmitigated

Reference Noise Distance 50 Reference Noise Level (RCNM) 84.5

			Maximum			
			Construction	Existing		
	Distance	Attenuation	Noise Level	Ambient (dBA,	New Ambient	
Sensitive Receptor	(feet)	Factors	(RCNM)	Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	62.6	51.4	62.9	11.5
Holiday Inn Express	430	6	59.8	51.4	60.4	9.0
Lakehills Covenant Church	900	18	41.4	51.4	51.8	0.4
El Dorado Hills Kindercare	900	18	41.4	51.4	51.8	0.4

A 6 dBA attenuation was given for hard ground surfuce, and 3 dBA reduction was given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

El Dorado Hills Construction

**Architectural Coating** 

Reference Noise Distance Reference Noise Level (RCNM) 50 77.7

			Maximum			
			Construction	Existing		
		Mitigation	Noise Level	Ambient (dBA,	New Ambient	
Sensitive Receptor	Distance (feet)	Factor	(RCNM)	Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	55.8	51.4	57.2	5.8
Holiday Inn Express	430	6	53.0	51.4	55.3	3.9
Lakehills Covenant Church	900	18	34.6	51.4	51.5	0.1
El Dorado Hills Kindercare	900	18	34.6	51.4	51.5	0.1

A 3 dBA reduction was given for mufflers.

A 6 dBA attenuation is included for hard ground surfuce, and 3 dBA reduction is given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

For Regal Cinemas an additional 3 dBA was given for a partial noise barrier (FHWA, RCNM User's Guide, 2006)

For Lakehills Covenant Church an additional 15 dBA was given for an obstruction that completely breaks the line-of-site with the noise source (Ibid.)

# El Dorado Hills Stationary HVAC Noise

Reference Noise Distance 100
Reference Noise Level 45

Reference Noise Level	73					
			Maximum			
			Noise	Existing	New	
	Distance	Attenuatio	Level	Ambient	Ambient	
Sensitive Receptor	(feet)	n Factors	(dBA)	(dBA, Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	29.2	51.4	51.4	0.0
Holiday Inn Express	430	6	26.3	51.4	51.4	0.0
Lakehills Covenant Church	900	18	7.9	51.4	51.4	0.0
El Dorado Hills Kindercare	900		7.9	51.4		0.0

A 6 dBA attenuation was given for hard ground surfuce, and 3 dBA reduction was given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

For Regal Cinemas an additional 3 dBA was given for a partial noise barrier (FHWA, RCNM User's Guide, 2006)

For Lakehills Covenant Church an additional 15 dBA was given for an obstruction that completely breaks the line-of-site with the noise source (Ibid.) For El Dorado Hills Kindercare an additional 15 dBA was given for an obstruction that completely breaks the line-of-site with the noise source (Ibid.)

## El Dorado Hills Parking Noise

Reference Noise Distance 50
Reference Noise Level 70

					New	
	Distance	Attenuatio	Level	Ambient	Ambient	
Sensitive Receptor	(feet)	n Factors	(dBA)	(dBA, Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	48.1	51.4	53.1	1.7
Holiday Inn Express	430	6	45.3	51.4	52.4	1.0
Lakehills Covenant Church	900	18	26.9	51.4	51.4	0.0
El Dorado Hills Kindercare	900	18	26.9	51.4	51.4	0.0

A 6 dBA attenuation was given for hard ground surfuce, and 3 dBA reduction was given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

For Regal Cinemas an additional 3 dBA was given for a partial noise barrier (FHWA, RCNM User's Guide, 2006)

For Lakehills Covenant Church an additional 15 dBA was given for an obstruction that completely breaks the line-of-site with the noise source (Ibid.) For El Dorado Hills Kindercare an additional 15 dBA was given for an obstruction that completely breaks the line-of-site with the noise source (Ibid.)

El Dorado Hills Cumulative On-Site Operational Noise (HVAC & Parking)

Reference Noise Distance

Reference Noise Level (Maximum noise levels combined from HVAC and Parking Worksheets)

						,
			Maximum Combined Noise		New	
	Distance	Attenuatio		Ambient	Ambient	
Sensitive Receptor	(feet)	n Factors	(dBA)	(dBA, Leq)	(dBA, Leq)	Increase
Regal Cinemas	220	9	48.2	51.4	53.1	1.7
Holiday Inn Express	430	6	45.4	51.4	52.4	1.0
Lakehills Covenant Church	900	18	26.9	51.4	51.4	0.0
El Dorado Hills Kindercare	900	18	26.9	51.4	51.4	0.0

A 6 dBA attenuation was given for hard ground surfuce, and 3 dBA reduction was given for the first row of buildings intervening between the construction site and sensitive receptors (1.5 dBA for subsequent intervening structures), as recommended by the Caltrans Technical Noise Supplement.

For Regal Cinemas an additional 3 dBA was given for a partial noise barrier (FHWA, RCNM User's Guide, 2006)

For Lakehills Covenant Church an additional 15 dBA was given for an obstruction that completely breaks the line-of-site with the noise source (Ibid.)

For El Dorado Hills Kindercare an additional 15 dBA was given for an obstruction that completely breaks the line-of-site with the noise source (Ibid.)

### El Dorado Hills Mobile Noise

2017 Existing Condition														
2017 Existing Condition	JIIS													
			TOT.			VEI	HICLE TYPE	∃ %						
ROAD SEGMENT			# VEH.	_	Auto		MT		HT					
	from:	to:	AM	PM	%	Auto	%	MT	%	HT	Speed	Adt (Avg AM+PM *10)	dBA (from TNM)	
Town Center Boulevard	Post Street	East	199	487	97	333	2	7	1	3	25	3430		
Latrobe Road	White Rock Road	South	2125	2103	97	2051	2	42	1	21	45	21140		
White Rock Road	Post Street	Valley View Pkwy	1039	1323	97	1146	2	24		12	45	11810		
Valley View Pkwy	White Rock Road	South	496	554	97	509	2	11	1	5	45	5250		
Silva Valley Pkwy	US50	North	1136	1398	97	1229	2	25	1	13	45	12670		
	*	•	•	•	•	•	*				•		•	
<b>Existing Plus Project</b>														
DO AD SEGMENT			TOT.	_		VEI	HICLE TYPE	E %	LITE					
ROAD SEGMENT	from:	to:	# VEH.	PM	Auto %	Auto	MT %	MT	<u>HT</u> %	HT	Speed	Adt	dBA (from TNM)	Increase from Existing
Town Center Boulevard	Post Street	East	246	531	97	377	2	8		4	25	3885		2.7
Latrobe Road	White Rock Road	South	2138	2117	97	2064	2	43		21	45	21275		2.7
White Rock Road	Post Street	Valley View Pkwy	1072	1358	97	1179	2	24		12	45	12150		0.7
Valley View Pkwy	White Rock Road	South	505	563	97	518	2	11	1	5	45	5340		0.7
Silva Valley Pkwy	US50	North	1147	1409	97	1240	2	26	1	13	45	12780		0.4
Silva valley FKWy	0330	NOTUI	1147	1403	31	1240	۷	20	'	13	43	12/00	04.5	0.5
Future No Project														
T dedice 1 to 1 Tojece														
			TOT.			VEI	HICLE TYPE	E %						
ROAD SEGMENT			# VEH.	_	Auto		MT		HT					
	from:	to:	AM	PM	%	Auto	%	MT	%	HT	Speed	Adt	dBA (from TNM)	
Town Center Boulevard	Post Street	East	254	522	97	376	2	8		4	25	3880		
Latrobe Road	White Rock Road	South	3038	2960	97	2909	2	60		30	45	29990		
White Rock Road	Post Street	Valley View Pkwy	1613	1894	97	1700	2	35		18	45	17530		
Valley View Pkwy	White Rock Road	South	616	800	97	687	2	14		7	45	7080		
Silva Valley Pkwy	US50	North	2497	2258	97	2306	2	48	1	24	45	23775	67	
E ( DI D I	D : 4													
Future Plus Proposed	Project													
			TOT.			VEI	HICLE TYPE	7 0%						
ROAD SEGMENT			# VEH.	-	Auto	VLI	MT	2 70	HT					
KOLD SEGMENT	from:	to:	AM	PM	%	Auto	%	MT	%	HT	Speed	Adt	dBA (from TNM)	Increase from Base
Town Center Boulevard		East	298	564	97	418	2	9		4	25	4310		0.4
Latrobe Road	White Rock Road	South	3050	2970	97	2920	2	60		30	45	30100		0.1
White Rock Road	Post Street	Valley View Pkwy	1644	1924	97	1730	2	36		18	45	17835		0.1
Valley View Pkwy	White Rock Road	South	630	810	97	698	2	14		7	45	7200		0.1
Silva Valley Pkwy	US50	North	2510	2270	97	2318	2	48		24	45	23900		0
onra ranej i kvry	10000	1101 01	_010	22,0	01	2010		- 10			15	25700	. 07	

Traffic mix from 2014 Noise Report (J.C. Brennan & Associates, Inc, Environmental Noise Analysis El Dorado Hills Apartments, 2014), table 4.

Impact Sciences jjerome

5-May-17 TNM 2.5 Calculated with TNM 2.5

**RESULTS: SOUND LEVELS** 

PROJECT/CONTRACT: EI Dorado Hills
RUN: Existing Conditions
BARRIER DESIGN: INPUT HEIGHTS

ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver

Name	No.	#DUs	Existing Ldn	Ldn	Barrier ulated Crit'n		ease over exi culated Crit'n	0 71	With Ba Calcula Ldn	ted Noise	Reduction lated Goal	Calc	ulated
			dBA	dBA	dBA dBA		Sub'l Inc		dBA dB		dB	minus Goal 3 dB	
Town Center from Post Ea	st	1	1	0	52.2	66	52.2	10	5	2.2	0	8	-8
Latrobe from White Rock S	Soutl	3	1	0	67.7	66	67.7	10 Snd Lvl	6	7.7	0	8	-8
White Rock from Post to V	alley	5	1	0	66.6	66	66.6	10 Snd Lvl	6	6.6	0	8	-8
Valley View from White Ro	ock S	6	1	0	61.6	66	61.6	10	6	1.6	0	8	-8
Silva Valley from 50 North		8	1	0	63.8	66	63.8	10	6	3.8	0	8	-8

Dwelling Units	# DUs	Noise	Reduction		
		Min dB	Avg dB	Max dB	
All Selected		5	0	0	0
All Impacted		2	0	0	0
All that meet NR Goal		0	0	0	0

Impact Sciences jjerome

8-May-17 TNM 2.5 Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: RUN:

El Dorado Hills Existing Plus Project INPUT HEIGHTS

BARRIER DESIGN:

ATMOSPHERICS:

68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver

Name	No.	#DUs	Existing Ldn	Ldn	Barrier ulated Crit'n		ease over ex culated Crit'n Sub'l	Impact	With Bacalcula Calcula Ldn	ted Noise	Reduction lated Goal	mini	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	Goa dB	LI.
Town Center from Post East		1	1	0	54.9	66	54.9	10	5	4.9	0	8	-8
Latrobe from White Rock South		3	1	0	67.7	66	67.7	10 Snd Lvl	6	7.7	0	8	-8
White Rock from Post to Valley View	ew	5	1	0	67.3	66	67.3	10 Snd Lvl	6	7.3	0	8	-8
Valley View from White Rock Sout	h	6	1	0	62	66	62	10		62	0	8	-8
Silva Valley from 50 North		8	1	0	64.3	66	64.3	10	6	4.3	0	8	-8

Dwelling Units	# DUs	Noise Reduction						
•		Min dB	Avg dB	Max dB				
All Selected		5	0	0	0			
All Impacted		2	0	0	0			
All that meet NR Goal		0	0	0	0			

Impact Sciences jjerome

8-May-17 TNM 2.5 Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: El Dorado Hills
RUN: Future No Project
BARRIER DESIGN: INPUT HEIGHTS

ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver
----------

Name	No.	#DUs	Ldn Ldn		arrier ulated Crit'n	ease over ex culated Crit'n Sub'l	ı İn	ype npact	With Barrier Calculated Noise Reduction Ldn Calculated Goal			Calculated minus		
			dBA	dBA	dBA	dB	dB			dBA	dB	dB	Goal dB	
Town Center from Post East		1	1	0	55	66	55	10		5	5	0	8	-8
Latrobe from White Rock South		3	1	0	69.1	66	69.1	10 S	and Lvl	69.	1	0	8	-8
White Rock from Post to Valley View		5	1	0	68.9	66	68.9	10 S	and Lvl	68.9	9	0	8	-8
Valley View from White Rock South		6	1	0	63.2	66	63.2	10		63.2	2	0	8	-8
Silva Valley from 50 North		8	1	0	67	66	67	10 S	and Lvl	6	7	0	8	-8

Dwelling Units	# DUs	Noise I			
		Min dB	Avg dB	Max dB	
All Selected		5	0	0	0
All Impacted		3	0	0	0
All that meet NR Goal		0	0	0	0

Impact Sciences jjerome

8-May-17 TNM 2.5 Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: RUN:

Future Plus Project INPUT HEIGHTS BARRIER DESIGN:

68 deg F, 50% RH ATMOSPHERICS:

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver

Name	No.	#DUs	Existing Ldn	Ldn	Barrier ulated Crit'n		ease over ex culated Crit'n Sub'l	1	Type Impact	With Ba Calculat Ldn	ed Noise	Reduction lated Goal	Calc minu Goal	_
			dBA	dBA	dBA	dB	dB			dBA	dB	dB	dB	
Town Center from Post East		1	1	0	55.4	66	55.4	10		55	5.4	0	8	-8
Latrobe from White Rock South		3	1	0	69.2	66	69.2	10	Snd Lvl	69	).2	0	8	-8
White Rock from Post to Valley View		5	1	0	69	66	69	10	Snd Lvl		69	0	8	-8
Valley View from White Rock South		6	1	0	63.3	66	63.3	10		63	3.3	0	8	-8
Silva Valley from 50 North		8	1	0	67	66	67	10	Snd Lvl		67	0	8	-8

Dwelling Units	# DUs	Noise Reduction					
		Min	Avg	Max			
		dB	dB	dB			
All Selected	į	5	0	0	0		
All Impacted	3	3	0	0	0		
All that meet NR Goal	(	)	0	0	0		

El Dorado Hills