

Project: J&J Ranch
Contractor: Branagh Development
Subcontractor: Bay Cities Paving & Grading

**Emission Control Plan
by
Bay Cities Paving & Grading, Inc.**

In reference to the Mitigation Monitoring and Reporting Program, outlined below is our proposed Emission Control Plan adhering to the requirements set forth in AQ-2B. This plan is specific to the remedial grading activities to occur during the 2017 calendar year. It is anticipated that the remedial grading activity phase will occur between August and October of this year (over 40 days). No more than 2-acres will be disturbed on a given day. Total area of disturbance during this phase is anticipated to be approximately 5 acres.

Item 1 - EQUIPMENT TO BE USED

- 11-030 - 336F Excavator 2015 CAT 318hp. SER: #TZA00415 T4F. EIN: #PB3Y46
- 19-017 - D6T Excavator 2015 CAT 255hp. SER: #WES00317 T4F. EIN: #GC3C93
- 18-010 - 14M Motor Grader 2012 CAT 275hp. SER: #R9J00786 T4I. EIN: #JS3C55
- 31-006 - 815 Compactor 2004 CAT 240hp. SER: #BKL00698 T2. EIN: #WB5H88
- 12-006 - 615 Scraper 2004 CAT 264hp. SER: #9XG01761 T2. EIN: #AM4W89
- 12-002 - 615 Scraper 1998 CAT 279hp. SER: #9XG01761 T1. EIN: #DK4K49

Item 2 - REMEDIAL GRADING EQUIPMENT COMPLIANCE

- All engines listed above are equipped with particulate filters.
- Reference attached CARB calculator for compliance.

All Remaining Vehicles Exempt from this year's BACT Requirement:

Actions taken on fleet between January 1, 2017 and December 31, 2017

Total Fleet Horsepower	2018 Fleet Average Index	2018 Fleet Average Target	1/1/2018 Target Met	2018 BACT Requirement	BACT Credits Earned	1/1/2018 BACT Met	Carryover BACT Req. for 1/1/2019	Extra BACT Credit for 1/1/2019	Purchase Year / Type if Electric	NOx VDECS % reduction	PM VDECS Level	On-Road Engine	Designated Low-Use	Engine Model Year (Required)	Engine Horsepower (Required)	Vehicle Serial Number	Your Vehicle Number	2018 Fleet Average Index	2018 Fleet Average Target	1/1/2018 Target Met	2018 BACT Requirement	BACT Credits Earned	1/1/2018 BACT Met	Carryover BACT Req. for 1/1/2019	Extra BACT Credit for 1/1/2019	Emission Factor if Non-standard	Engine Tier	Emission Factor	Effect on Fleet Avg. Index	Target Factor
1632	2.1	4.1	YES			YES																								
PB3Y46	TZA00415	11030	2015	318		YES								2015	318												T4	0.3	-1.2	4.0
JS3C55	R9J00786	18010	2012	275										2012	275												T4	1.5	-0.7	4.1
GC3C93	WES00317	19017	2015	255										2015	255												T4	0.3	-1.0	4.1
WB5H88	BLK00698	31006	2004	240							Highest			2004	240												T2	3.0	-0.3	4.1
AM4W89	9XG01761	12006	2004	265							Highest			2004	265												T2	3.0	-0.3	4.1
DK4K49	9XG01604	12002	1998	279							Highest			1998	279												T1	4.8	0.2	4.1