PM-10 Monitoring Results Potrero Phase 2 2-7-2022 through 2-11-2022

	Monitor 1	Monitor 2	Monitor 3
Daily Average	Downwind	Crosswind	Upwind
PM-10 (mg/m ³)			
2/7/2022	0.050	0.052	0.057
2/8/2022	0.050	0.053	0.050
2/9/2022	0.018	0.032	0.018
2/10/2022	0.010	0.013	0.013
2/11/2022	0.031	0.033	0.075

Notes:

Daily Average ≤ 0.050 mg/m³

Daily Average >0.050 mg/m³

Coa	ast & Central Bay									Ho	ourly (F	PST)									<	Mond	ay, 02/	7/202	2 >
•	Berkeley Aquatic Park	°A ⁰	۰Ά۵	۲A®	^t A ⁰	¹ 'A ⁰	¹ 'A®	۳Å۵	٥χ ^ι	۴Å	٥Α,	"A ⁰	"A ⁰	"A ⁰	۳Α,	"A [®]	۳Ä	۳Ά ₀	°A''	°A0	۳Άθ	°A®	"A ⁰	۵μ'	''A [@]
	Laney College	25 PM2.5	23 PM2.5	22 PM2.5	21 PM2.5	25 PM2.5	31 PM2.5	35 PM2.5	32 PM2.5	?	54 PM2.5	53 PM2.5	58 PM2.5	65 PM2.5	67 PM2.5	67 PM2.5	74 PM2.5	70 PM2.5	65 PM2.5	62 PM2.5	56 PM2.5	60 PM2.5	63 PM2.5	61 PM2.5	56 PM2.5
	Oakland East	45 PM2.5	52 PM2.5	52 PM2.5	43 PM2.5	44 PM2.5	45 PM2.5	41 PM2.5	48 PM2.5	52 PM2.5	64 PM2.5	64 PM2.5	67 PM2.5	67 PM2.5	67 PM2.5	66 PM2.5	67 PM2.5	67 PM2.5	71 PM2.5	80 PM2.5	68 PM2.5	59 PM2.5	51 PM2.5	65 PM2.5	65 PM2.5
	Oakland West	29 PM2.5	34 PM2.5	35 PM2.5	33 PM2.5	41 PM2.5	48 PM2.5	47 PM2.5	6 Ozone	56 PM2.5	60 PM2.5	61 PM2.5	61 PM2.5	62 PM2.5	60 PM2.5	67 PM2.5	65 PM2.5	66 PM2.5	62 PM2.5	60 PM2.5	64 PM2.5	64 PM2.5	68 PM2.5	73 PM2.5	81 PM2.5
	San Francisco - Arkansas St.	25 PM2.5	21 PM2.5	25 PM2.5	21 PM2.5	21 PM2.5	38 PM2.5	40 PM2.5	41 PM2.5	54 PM2.5	55 PM2.5	54 PM2.5	54 PM2.5	55 PM2.5	62 PM2.5	66 PM2.5	57 PM2.5	54 PM2.5	51 PM2.5	55 PM2.5	54 PM2.5	49 PM2.5	55 PM2.5	55 PM2.5	56 PM2.5
	San Pablo - Rumrill	?	?	?	?	?	?	?	?	55 PM2.5	53 PM2.5	55 PM2.5	55 PM2.5	56 PM2.5	55 PM2.5	54 PM2.5	51 PM2.5	52 PM2.5	59 PM2.5	63 PM2.5	62 PM2.5	59 PM2.5	56 PM2.5	52 PM2.5	50 PM2.5
	Hourly	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 :	21	22	23

Exceedance date and Location - 2/7/2022 PM2 (crosswind) and PM3 (upwind)

Reason for Exceedance - The average daily dust monitoring results exceeded the project goal of 0.05 mg/m³ at two monitoring locations on Monday 2/7/2022. Elevated readings are a result of poor air quality in the region. The BAAQMD AQI data collected at the nearby Arkansas Street monitoring station reflects a moderate AQI (51-100). Please note that the upwind monitor was also above the project threshold, indicating elevated ambient concentrations of particulate matter unrelated to site activity.

Please see the highlighted AQI data above, collected by BAAQMD's monitoring station located at 10 Arkansas Street (Arkansas Street near the intersection of 16th Street).

<u>**Mitigation**</u> – The contractor increased watering throughout the site to prevent visible dust and minimize construction activities impact on the AQI.

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	Laney College	58 PM2.5	54 PM2.5	53 PM2.5	52 PM2.5	50 PM2.5	52 PM2.5	55 PM2.5	57 PM2.5	63 PM2.5	77 PM2.5	79 PM2.5	74 PM2.5	69 PM2.5	67 PM2.5	63 PM2,5	65 PM2.5	60 PM2.5	55 PM2.5	53 PM2.5	57 PM2.5	59 PM2.5	61 PM2.5	58 PM2.5	56 PM2.5
	Oakland East	62 PM2.5	55 PM2.5	54 PM2.5	51 PM2.5	51 PM2.5	51 PM2.5	50 PM2.5	54 PM2.5	8 Ozone	69 PM2.5	75 PM2.5	75 PM2.5	77 PM2.5	74 PM2.5	70 PM2.5	58 PM2.5	57 PM2.5	54 PM2.5	54 PM2.5	52 PM2.5	54 PM2.5	49 PM2.5	45 PM2.5	45 PM2.5
	Oakland West	79 PM2.5	75 PM2.5	69 PM2.5	74 PM2.5	68 PM2.5	69 PM2.5	62 PM2.5	64 PM2.5	62 PM2.5	66 PM2.5	64 PM2.5	65 PM2.5	62 PM2.5	60 PM2.5	56 PM2.5	56 PM2.5	52 PM2.5	47 PM2.5	46 PM2.5	50 PM2.5	60 PM2.5	64 PM2.5	64 PM2.5	60 PM2.5
	San Francisco - Arkansas St.	51 PM2.5	55 PM2.5	54 PM2.5	56 PM2.5	53 PM2.5	47 PM2.5	47 PM2.5	44 PM2.5	59 PM2.5	60 PM2.5	62 PM2.5	7 Ozone	67 PM2.5	62 PM2.5	56 PM2.5	47 PM2.5	32 PM2.5	25 Ozone	31 PM2.5	54 PM2_5	59 PM2.5	61 PM2.5	67 PM2.5	68 PM2.5
	San Pablo - Rumrill	52 PM2.5	55 PM2.5	54 PM2.5	52 PM2.5	45 PM2.5	41 PM2.5	46 PM2.5	53 PM2.5	51 PM2.5	54 PM2.5	53 PM2.5	48 PM2.5	47 PM2.5	45 PM2.5	41 PM2.5	47 PM2.5	53 PM2.5	48 PM2.5	53 PM2.5	51 PM2.5	47 PM2.5	35 PM2.5	39 PM2.5	46 PM2.5
	Hourly	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 1	16	17	18	19	20	21 3	22	23

Exceedance date and Location - 2/8/2022 PM2 (crosswind)

Reason for Exceedance - The average daily dust monitoring results exceeded the project goal of 0.05 mg/m³ at the crosswind monitoring location on Tuesday 2/8/2022. Elevated readings are a result of poor air quality in the region. The BAAQMD AQI data collected at the nearby Arkansas Street monitoring station reflects a moderate AQI (51-100) indicating elevated ambient concentrations of particulate matter unrelated to site activity.

Please see the highlighted AQI data above, collected by BAAQMD's monitoring station located at 10 Arkansas Street (Arkansas Street near the intersection of 16th Street).

<u>**Mitigation**</u> – Site conditions did not indicate the presence of elevated dust due to site activity. The contractor continued to use water throughout the site to prevent visible dust and minimize construction activities impact on the AQI.

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	Laney College	35 PM2.5	32 PM2.5	31 PM2.5	36 PM2.5	41 PM2.5	43 PM2.5	42 PM2.5	52 PM2.5	60 PM2.5	55 PM2.5	53 PM2.5	52 PM2.5	52 PM2.5	61 PM2.5	64 PM2.5	61 PM2.5	57 PM2.5	55 PM2.5	54 PM2.5	58 PM2.5	59 PM2.5	56 PM2.5	65 PM2.5	66 PM2.5
	Oakland East	19 PM2.5	20 PM2.5	16 PM2.5	16 PM2.5	21 PM2.5	33 PM2.5	35 PM2.5	45 PM2.5	50 PM2.5	60 PM2.5	58 PM2.5	53 PM2.5	51 PM2.5	46 PM2.5	50 PM2.5	46 PM2.5	44 PM2.5	45 PM2.5	41 PM2.5	60 PM2.5	58 PM2.5	53 PM2.5	46 PM2.5	40 PM2.5
	Oakland West	64 PM2.5	61 PM2.5	55 PM2.5	50 PM2.5	48 PM2.5	42 PM2.5	44 PM2.5	39 PM2.5	52 PM2.5	52 PM2.5	55 PM2.5	62 PM2.5	56 PM2.5	56 PM2.5	55 PM2.5	56 PM2.5	57 PM2.5	57 PM2.5	59 PM2.5	57 PM2.5	53 PM2.5	56 PM2.5	56 PM2.5	52 PM2.5
	San Francisco - Arkansas St.	48 PM2.5	36 PM2.5	33 PM2.5	29 PM2.5	50 PM2.5	31 PM2.5	24 PM2.5	35 PM2.5	42 PM2.5	44 PM2.5	43 PM2.5	42 PM2.5	42 PM2.5	42 PM2.5	46 PM2.5	42 PM2.5	29 PM2.5	27 Ozone	30 Ozone	31 Ozone	33 Ozone	41 PM2.5	53 PM2.5	52 PM2.5
	San Pablo - Rumrill	27 PM2.5	30 PM2.5	30 PM2.5	27 PM2.5	32 PM2.5	43 PM2.5	42 PM2.5	32 PM2.5	32 PM2.5	43 PM2.5	51 PM2.5	55 PM2.5	60 PM2.5	64 PM2.5	62 PM2.5	46 PM2.5	38 PM2.5	46 PM2.5	40 PM2.5	55 PM2.5	52 PM2.5	51 PM2.5	42 PM2.5	33 PM2.5
	Hourly	0	1	2	3	4	5	6	7	8		10	11	12	13	14	15	16	17	18 1	19	20 2	21 2	22 2	23

Exceedance date and Location - 2/11/2022 PM3 (upwind)

Reason for Exceedance - The average daily dust monitoring results exceeded the project goal of 0.05 mg/m³ at the upwind monitoring location on Friday 2/11/2022. The elevated readings appear to be a result of off-site influence to the upwind monitoring location. A spike in dust concentrations was observed from 8:59 AM to 9:08 AM. The cause of the isolated spike in concentrations is unknown and resulted in an elevated daily average. The BAAQMD AQI data collected at the nearby Arkansas Street monitoring station reflects a good AQI (0-50) and the crosswind and downwind monitoring locations onsite also reflect a good AQI.

Please see the highlighted AQI data above, collected by BAAQMD's monitoring station located at 10 Arkansas Street (Arkansas Street near the intersection of 16th Street).

<u>**Mitigation**</u> – Site conditions did not indicate the presence of elevated dust due to site activity. The contractor continued to use water throughout the site to prevent visible dust and minimize construction activities impact on the AQI.