

**Department of Toxic Substances Control
Site Visit Report**

To:	Maryam Tasnif-Abbasi	Date(s) of Visit:	12/2/2016
From:	Scarlett Zhai	Weather:	60s°F, Windy
Site/Project Name:	Riverside Ag Park		
PCA/SiteCode/WR#:	11025		
Purpose of Visit:	Oversight of dust monitoring		
Summary of Activities:			
<ul style="list-style-type: none"> Oversee the dust monitoring activities and make sure dust mitigation measures are implemented during soil excavation activity 			
Personnel Onsite		Title	
Scarlett Z		DTSC engineer	
Kevin and Crew		B&D Construction	
David Y		TRC engineer	
Giuseppe C		TRC engineer	
Bob B		FRA	
Field Notes/Details:			
<ul style="list-style-type: none"> Arrived the site 7:03 am. Took a picture of the entrance/exit road condition. 7:05 am, met with Giuseppe. The monitors have not been set up due to strong wind condition (10-minute average at 18 mph). 7:10 am, visited the staging area. Wind monitor was placed in front of the trailer. Wind speed and direction was recorded hourly from 8:00 am to 10:00 am. No excavation was conducted on this day. Soil excavated earlier this week was hauled away. 10:30 am, visited the staging area. All soil at the staging area was hauled away two loaders moved to parking locations. 10:44 am, took a picture of entrance/exit at the end of the day for field work. Left the site at 11:00 pm. 			
Comments:			
<ul style="list-style-type: none"> No excavation conducted on this day, and soil excavated earlier this week was hauled away. 			
Attachment(s):			
<ul style="list-style-type: none"> Photos 			



1 Entrance/exit road condition at beginning of the day.



2 Entrance/exit road condition at the end of the day.



3 Staging area at beginning of the day.



4 Staging area at the end of the day.



5 Watering of the main traffic area in the early morning



6 Loaded truck leaving the site



7 Watering the open excavation in the morning



8 Watering the main traffic area in mid-day



9

Street sweeper cleaning the road at the end of the day

Department of Toxic Substances Control
 Riverside Agricultural Park
 Dust Monitoring Log

Date: 12/21/2016			Weather: Windy, 60°F			Completed by: Scarlett Z.												
Wind Condition			Station #1 (upwind)			Station #2 (downwind)			Station #3 (downwind)			Station #4 (downwind)			AQMD Published data ¹			Notes
Time	Direction	Speed	Time	Measurement (ug/m ³)	Diff	Time	Measurement (ug/m ³)	Diff	Time	Measurement (ug/m ³)	Diff	Time	Measurement (ug/m ³)	Diff	Time	Reading (ug/m ³)		
8:00	NE	21																No dust monitoring due to strong wind
9:00	E	22																Work finished at 10:35 am.
10:00	E	27																

Notes: ¹ AQMD published data are PM10 concentrations from https://airnow.gov/index.cfm?action=airnow.local_city&cityid=377, for Metro Riverside CO station.

FUGITIVE DUST CONTROL
Department of Toxic Substances Control
Riverside Ag Park

Date 12/2/2016

Fugitive Dust Source Category/Control Measures		Yes or Not Applicable (NA)	Notes
1. Wind Monitoring	Check setup of the weather station at start of work	✓	
	Record wind direction and speed hourly and record maximum wind speed	✓	
	Verify locations of upwind and downwind monitoring stations, based on prevailing wind direction	NA	<i>No dust monitoring due to strong wind.</i>
	Verify any adjustment of monitor locations and note in field log	NA	
2. PM10 Monitoring	Check setup of the E-BAM monitors at all four stations at start of work	NA	
	Record hourly PM10 readings on daily log	NA	
	Verify difference between the downwind and upwind reading is less than the action level (50 ug/m3) or additional dust mitigation measures in work areas should be implemented	NA	
	Verify weekly field calibration checks of the monitors (including the spare one)	NA	
3. PCB Air Monitoring	Check setup of TO-10 sampling devices @ 3 downwind stations at start of work	NA	
	Verify and record air pump operating at required air flow rate (check with TRC)	NA	
	Verify chain-of-custody form for samples at the end of day	NA	
4. Active Excavation Areas	Conduct watering as necessary to prevent visible dust emissions	NA	<i>No excavation on Friday</i>
	Check air monitoring stations on an hourly basis	NA	
	Apply water to soil not more than 15 minutes prior to moving soil	NA	
5. Non Active Excavation Areas	Periodically apply water to disturbed areas	✓	
	At the end of each excavation work day, apply water to disturbed areas to maintain a stabilized surface.	✓	
	Increase water application during a wind event.	✓	
	Apply water to all disturbed areas regularly.	✓	
	If there is any evidence of wind driven fugitive dust, increase water frequency.	NA	
6. Vehicle traffic Pathways	Water all roads used for any vehicular traffic regularly	✓	
	Restrict vehicle speeds to 15 miles per hour	✓	
	Apply water to all roads prior to wind event	✓	
	If dust generation can not be controlled, stop all vehicular traffic	NA	
7. Staging Area	Periodically apply water to staging area	✓	
	Increase water application during a wind event.	✓	
	If there is any evidence of wind driven fugitive dust, increase water frequency.	NA	
	At the end of each excavation work day, apply water to staging area to maintain a stabilized surface.	NA	<i>No soil remains on Friday.</i>
	Place plastic sheeting over any soil remaining in staging area at the end of the day.	NA	
	On Friday, no soil should remain in staging area	✓	
8. Truck Washing	Check trucks leaving the property to ensure that minimal dirt is being tracked out.	✓	
	Photograph trucks leaving the property to document truck condition.	✓	
	Photograph street as trucks leave the property to document road condition.	✓	
	Photograph street condition at beginning and end of every excavation day.	✓	
9. Communication	Number of calls/messages received on air/dust line	<i>None</i>	
	Number of phone calls made responding to air/dust concerns	<i>None</i>	

Completed By: Scarlett Z.