MASSDEP MONITORING CHECKLIST FOR CLOSURE ACTIVITIES AT GENERAL CHEMICAL CORP.

Date of inspection 8/7/12 Inspector JACK MIANO (Print name)

Arrival Time 9:00 AM Departure Time 3:15 pm

GCC's contact person for this date Bob Rego - Prime Engineering

Circle each work location(s)/process(es) observed and Check if any dust, odors or emissions are observed at the property fence-line.

	Visible Dust/Aerosols	Odors	Emissions (at Fence-line)	
Building No. 1:				
Scarification of floors	NO	NO	NO	
Power washing of walls & berms				
Building No. 2:				
Scarification of floors				
Power washing of walls & berms				
Tank Farm:				
Power washing & cleaning of tank interiors				
Power washing secondary containment & floor				
Dismantling & removal	NO	NO	NO	Limited Pipe Cutting
Other power washing:				
Bulk tank truck loading/ unloading area	NO	NO	NO	
Container loading/unloading area				

Building No.1-- PCB sampling/staging area/central storage bay:

PCB sampling conducted ? Yes____ No ✓

If Yes, was PCB sampling conducted according to Section IX, Attachment 6. of the Closure Plan ?

Yes ____ No _____ N/A

Notes: For any of the items circled above (except PCB sampling) :
1) provide below (and on additional sheet if necessary) written details of your observations and any photos taken;
2) identify whether there is/was a need for MassDEP to require GCC to change the observed activity;
3) summarize discussions with facility contact person on the required action;
4) describe any corrective action(s) instituted by the facility; and
5) discuss the effectiveness of required corrective action(s)

Bob Rego provided a site walkover at 9:00 am.
Blower operating at building 1 to maintain negative pressure.
All monitors reading below action levels at time of arrival.
Catch basin sump cleaning in the loading rack area, w/vac truck.
Wind mostly from the WNW between 9:00 and 12:00 (Towards East)
Wilson School visit at 12:30, nobody using playground
No visible dust outside building 1 during cleaning.
Wind at 1:30 from the WSW. Wind at 2:15 from the east.

Provide a summary of any changes in GCC's work plan or schedule (i.e., change in work hours for the day or next day; or in type of activity).

Heavy equipment scheduled to arrive, therefore air monitors on Southwest side moved closer to loading dock.

List all photos taken including short description/title for each (add additional lines/sheets as necessary).

Photo 1 East monitoring station showing building one
Photo 2 North monitoring station showing building one
Photo 3 Southwest monitoring station showing loading dock
Photo 4 South monitoring station showing part of water tank
photo 5 South side of tank farm
photo 6 Loading Rack
photo 7 North side of tank farm

Air Monitoring/all inspectors

1. Check to ensure that required air monitoring devices are in place (Y/N): Weather station: ✓

Down-wind Fence-line PID: ✓ Mobile PID: ✓ Three dust meters: ✓

For Air Monitoring Staff inspectors: Mass DEP → Mini Rae 2000

1. Check readings on General Chemical and MassDEP PIDs on hourly basis and record below
2. Were any readings on General Chemical PIDs above 10 ppbv/v? N (Y/N)
3. Were any readings on MassDEP PID above 0.1 ppmv/v? N (Y/N)
4. On dates where SUMMA canisters are in place (expected to be 3 days only):
   a. Check that one canister is upwind, and one canister is downwind:___ (Y/N)
   b. Check pressure in each canister on an hourly basis to monitor pressure drop and record below

N/A

GCC Down-wind Fence-line PID	Time	Measurement

GCC Mobile PID	Time	Measurement

See attached Table w/ GCC air Monitoring Station data observed by MassDEP 8/7/12 JFM

MassDEP PID **Time** **Measurement** Units = PPMV

	East	North	Southwest	South
9:00	0.0	0.0	0.0	0.0
10:00	0.0	0.0	0.0	0.0
11:00	0.0	0.0	0.0	0.0
12:00	0.0	0.0	0.0	0.0
1:00	0.0	0.0	0.0	0.0
2:00	0.0	0.0	0.0	0.0
2:30	0.0	0.0	0.0	0.0

Downwind SUMMA Canister **Time** **Pressure Measurement**

N/A 8/7/12

Downwind SUMMA Canister **Time** **Pressure measurement**

N/A 8/7/12

Inspector signature: Jack Mrano Date 8/7/2012

GCC Air Monitoring Stations

	EAST		NORTH		Southwest		SOUTH		
	ug/m³	PPBV	ug/m³	—	ug/m³	PPBV	ug/m³	PPBV	
9:00	41	0	18	—	16	0	11	0	
10:00	20	0	21	—	16	0	11	0	
11:00	21	0	28	—	30	0	14	0	
12:00	22	0	36	—	26	0	16	0	work stopped for lunch break
1:00	29	0	40	—	45	0	21	0	work Re-Started
2:00	30	— Batt	42	—	29	0	11	0	

Fenceline walks conducted approximately 2 times each hour showed continuous PID readings of 0.0 ppmv