MASSDEP MONITORING CHECKLIST FOR CLOSURE ACTIVITIES AT GENERAL CHEMICAL CORP.

Date of inspection 8/11/12 Inspector JACK MIANO (Print name)

Arrival Time 8:30 Departure Time 3:00

GCC's contact person for this date BILL KENNEY

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			
Power washing of walls & berms			
Building No. 2:			
Scarification of floors	NO	NO	NO
Power washing of walls & berms			
Tank Farm:			
Power washing & cleaning of tank interiors			
Power washing secondary containment & floor			
Dismantling & removal			
Other power washing:			
Bulk tank truck loading/ unloading area			
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 ? N/A

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)

Loading dock area flooded by heavy rains, pumping to basin.
Fenceline monitoring at 10:30 showed continuous zero PID PPB readings.
No activity at Wilson School playground at 10:30.
Fenceline monitoring at 11:30 showed continuous zero PID PPB readings.
Fenceline monitoring at 12:15 showed continuous zero PID PPB readings.
South station Children using the Wilson School playground at 12:45. Work is stopped. TWA = 26 µg/m³. PID = 0
Fenceline monitoring at 12:45 showed continuous zero PID PPB readings.
No activity at Wilson School at 2:00. Fenceline PID @ 2:00 = Zero.
Fenceline PID @ 2:45 = ZERO. One young adult at Wilson at 2:45.

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).

Pumping flood water to retention basin.
All flood water removed from loading dock area by 1:00.

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

Photo 1 Flooded loading dock area.

Photo 2 Flood water hose flowing to retention basin.

Photo 3 Tank Farm and Building 2

Photo 4 _____

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:

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? ___ (Y/N) N/A Humidity Interference
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

See attached Spreadsheet with GCC and MassDEP Air Monitoring Data

GCC Mobile PID	Time	Measurement

MassDEP PID	Time	Measurement
See attached Spreadsheet		

Downwind SUMMA Canister	Time	Pressure Measurement
N/A	8/11/12	

Downwind SUMMA Canister	Time	Pressure measurement
N/A	8/11/12	

Inspector signature: Jack Mains Date 8/11/12

8/11/2010

GCC Air Monitoring Stations

	East			North			Southwest			South			Towards
Time	ug/m3	ppbv	DEP ppbv	ug/m3	ppbv	DEP ppbv	ug/m3	ppbv	DEP ppbv	ug/m3	ppbv	DEP ppbv	Wind
9:18	34	0	Humidity	18	—	Humidity	33	0	Humidity	24	0	Humidity	SW
10:00	36	0	↓	20	0	↓	44	0	↓	29	0	↓	S
11:00	36	0	↓	24	0	↓	48	0	↓	42	0	↓	SW
11:30	—	0	↓	—	0	↓	—	0	↓	—	0	↓	
12:00	45	0	↓	30	0	↓	52	0	↓	34	0	↓	SW
Lunch Break → 12:30	37	0	↓	30	0	↓	54	0	↓	25	0	↓	
1:40	44	0	↓	34	0	↓	50	0	↓	29	0	↓	W
2:30	36	0	↓	33	0	↓	47	0	↓	24	0	↓	W

Wind note – wind speed at 0 MPH most of the time. wind direction indicates periodic gusts.

Humidity note – Percent Relative Humidity very high today at greater than 90% from early morning to noon. This has caused the MassDEP Mini-Rae 2000 to give false high VOC readings. Therefore it was not used.