MASSDEP MONITORING CHECKLIST FOR CLOSURE ACTIVITIES AT GENERAL CHEMICAL CORP.

Date of inspection 8/10/12 Inspector JACK MIANO (Print name)

Arrival Time 8:30 am Departure Time 2:45

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	NO	NO	NO
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	Excavator removed from property @ 10:00 am		
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 ?

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)

Excavator for tank removal left property ~ 9:45 am.
Southwest monitor station moved just north of water tank.
No activity at the Wilson School playground ~ 10:30 am.
PID reading of 0.7 ppmv at North monitor from idling vac truck at that location.
Fenceline monitoring at ~ 11:00 showed continuous PID of 0.0.
Fenceline monitoring at ~ 1:00 showed continuous PID of 0.0.
No activity at Wilson School at 1:00, or at 2:30.
Closure activities ended at ~ 2:30 pm.

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).

GCC plans to begin work in Building 2 some time today.
GCC will re-stage building 1 waste inside the building on poly after cleaning.

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

Photo 1 East monitor station through loading rack.
Photo 2 Building one scarification waste staging and PPE tent.
Photo 3 Southwest monitor station near water tank.
Photo 4 South monitor station with Wilson school in background.
photo 5 Dismantled tank farm berm showing tanks were removed.

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 (Y/N) → Due to truck idling.
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 8/10/12

GCC Down-wind Fence-line PID **Time** **Measurement**

See attached table of field monitoring results.

GCC Mobile PID **Time** **Measurement**

MassDEP PID	Time	Measurement

See attached table with dust monitoring and volatile organic compound from GCC instruments and from the MassDEP Mini-RAE 2000 PID.

Downwind SUMMA Canister	Time	Pressure Measurement
N/A	8/10/12	

Downwind SUMMA Canister	Time	Pressure measurement
N/A	8/10/12	

Inspector signature: Jack Miano Date 8/10/12

8/10/12

GCC AIR MONITORING STATIONS

	EAST			NORTH			Southwest			SOUTH			Wind Towards
Time	ug/m³	ppbv	DEP	ug/m³	ppbv	DEP	ug/m³	ppbv	DEP	ug/m³	ppbv	DEP	
9:25	56	0	0.0	34	—	0.0	73	0	0.0	46	0	0.0	NE
10:00	51	0	0.0	32	—	0.0	61	0	0.0	41	0	0.0	NW
11:00	53	0	0.0	43	Truck idling —	0.7	59	0	0.0	37	0	0.0	NW
11:30	51	0	0.0	40	Truck idling —	0.2	63	0	0.0	35	0	0.0	W
12:00	54	0	0.0	40	—	0.0	65	0	0.0	51	0	0.0	NE
1:00	45	0	0.0	38	parked truck —	0.1	53	0	0.0	29	0	0.0	W worked stopped for lunch
2:00	39	0	0.0	35	—	0.0	56	0	0.0	25	0	0.0	NE

Facility fenceline monitoring at 2:30 showed 0.0 PID readings at the Wilson School boundary.