

MASSDEP MONITORING CHECKLIST FOR CLOSURE ACTIVITIES AT GENERAL CHEMICAL CORP.

Date of inspection 8/1/2012 Inspector Irene Dale (Print name)

Arrival Time 2:40 Departure Time 6:15

GCC's contact person for this date Dill Kenney - Prime Engineering
Craig Bezano - GCC Sr. Project Manager

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 _____

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 ?

Yes ___ No ___

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)

At 3:00 pm, Prime's Ppb rae read more than 218^{ppb/v} and stayed at 192 north of work area.

All work was stopped and equipment shut down. High readings - 180 ppb were also measured at the gate toward Leland St.

The PID rae was recalibrated to make sure it was not a measurement issue. Approximately 30 minutes after shutdown, each piece of equipment was started and run for about 5 minutes while the Ppb rae was used for measurement at the same location as the initial high reading.

The generators and 1 power washer ran with no detections. When the 2nd power washer was started (but not washing) the Ppb rae measured 1300 ppb. This is consistent as that power washer had only been in use about 15 minutes when the elevated levels were discovered.

The second power washer was shut down. Work continued with one power washer.

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).

Work is ending about 6:00 pm daily

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

Photo 1 Weather Vane - new position

Photo 2 Weather vane - new position

Photo 3 } views of tarp covered tank farm + secondary

Photo 4 } containment where work was taking place

Photos 5-10

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? (Y/N) *described on previous page*

3. Were any readings on MassDEP PID above 0.1 ppmv/v? (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)

wind direction changing speed 1-4 mph

b. Check pressure in each canister on an hourly basis to monitor pressure drop and record below

GCC Down-wind Fence-line PID

South

<u>Time</u>	<u>Measurement</u>
<i>3:00</i>	<i>0</i>
<i>4:10</i>	<i>0</i>
<i>5:15</i>	<i>0</i>

GCC Mobile PID

SW

<u>Time</u>	<u>Measurement</u>
<i>3:05</i>	<i>0</i>
<i>4:15</i>	<i>0</i>
<i>5:20</i>	<i>0</i>

MassDEP PID

~~3:00~~

<u>Time</u>	<u>Measurement</u>
3:00	0
3:30	0
4:00	0
4:30	0

Downwind SUMMA Canister

Perimeter North

<u>Time</u>	<u>Pressure Measurement</u>
2:55	18 (off for lunch)
4:20	12
5:15	11 (shut down for day)

Downwind SUMMA Canister

Perimeter south

<u>Time</u>	<u>Pressure measurement</u>
2:58	19.5 (off for lunch)
4:22	15
5:22	11 (shut down for day)

Inspector signature: Quana M Dale Date 8/1/12