PART II

The hazardous waste operations conducted at the facility include storage in containers, consolidation (pouring into shippable containers and re-packaging unopened containers), and stabilization for RCRA metals.

A. General

1. *Facility information:*

a. *Attach a topographic map showing a distance of 1,000 feet around the hazardous waste management area at a scale of 1 inch to 200 feet. Contours must be shown on the map with intervals sufficient to clearly show the pattern of surface water in the vicinity of and from each operational unit of the facility (e.g. contour intervals of 5 feet if relief is greater than 20 feet or an interval of 2 feet if relief is less than 20 feet).*

Information and features of the map shown in Figure II A 1 are consistent with instructions in the permit application form regarding the extent of the area around the facility, the scale, and contour intervals. Since the topography of the area included in the map contains a relief not greater than 2 feet, the only two contour lines shown in the figure indicate elevations 1 foot apart. Because of the scale of the area topographic map (Figure II A 1), the site area appears too small in size to show in a clear manner the details of the facility requested in the map content requirements listed below. Therefore, a site map is provided in Figure I B 1, which shows all the details that cannot be shown in a clear manner on the area topographic map. Figure II A 2 shows topographical information on two parcels of property east of the original property. References to the map or figure made below may apply to any of the three maps described above.

The map should clearly show the following:

(1) *Map scale and date*: Scale and date are shown. (Figure II A 1)

(2) *100-year floodplain areas*: The map indicates floodplain areas with dots and cross-hatched lines. The dotted area shows a Zone A-1 floodplain area adjacent and to the east of the area showing cross-hatched lines, which indicates a Zone B floodplain area. (Figure II A 1)

(3) *Orientation of the map*: The north orientation of each map is shown.

(4) *Access control (fences and gates)*: The perimeter fence is indicated by a solid line that delineates the boundaries of the site. The gates have been clearly identified in the map. (Figure I B 1)

(5) I*njection and withdrawal wells both on-site and off-site*: To the best of our knowledge, there are no injection or withdrawal wells on-site or off-site within 1,000

feet from the hazardous waste facility. The facility drains into the storm water prevention pond.

(6) *Buildings and other structures (recreational areas, access and internal roads, storm, sanitary and process sewage system, fire control facilities, etc.*): Existing buildings and other structures are shown on Figure I B 1.

(7) *Contours sufficient to show the surface water flow*: The contour lines are shown, but the area is so flat that they do not help in identifying any surface water flow direction. All storm water flows into the storm water prevention pond and that flows into Boggy Creek. Boggy Creek is located about 1/4 mile east of the facility.

(8) *Loading and unloading areas*: The container loading and unloading areas are identified in Figure I B 1.

(9) *Drainage and flood control barriers*: The facility site drains into a stormwater pond located northeast of the north building. The stormwater pond is one component of the flood control barrier system at Triumvirate Environmental. Storages are either confined within walls having sufficient height to keep the floodwaters out, or they have been built with a floor surface level higher than the floodwater level. Water from the stormwater pond discharges through underground piping to a drainage ditch before it reaches Boggy Creek at a point directly east of the site. The map (Figure II A 1) shows the path stormwater follows on its way to the creek.

(10) *Hazardous waste units including clean-up areas*: Operational hazardous waste units for storage and treatment of waste are shown on Figure I B 1. There are no clean-up areas at the facility. Additional Solid Waste Management Unit information is located in Parts II.P and II.Q

(11) Runoff control system: As explained in paragraph (9), there is a pond at PFO's site which controls and directs stormwaters to a creek that runs to the east of the facility site.

40 CFR 270.14(b)(19) paragraphs (iv) and (vii) also require surrounding land uses and property legal boundaries to be shown in the map. The Triumvirate Environmental facility is bordered on the east by an empty lot that has never been built upon. The facility site is located in an industrial park occupied by light to—medium industry companies on the north, west, and south sides. There are no residences, schools, churches, or public gathering places within 1,000 feet of the area shown by the map. The property's legal boundaries are included in Figure I B 1.

b. *Include a wind rose indicating the local prevailing wind speed and direction, legend, and date with the maps or as a separate item*: Figure II A 3 shows a wind rose which contains this information.

c. *Traffic information — Include the information required in 270.14(b)(10)*: Figure I B 2 shows traffic volume and control information requested in 270.14(b)(10). Due to the small area of the facility site and the fact that most of it is or will be occupied by buildings, the traffic pattern and size is very simple. There are no data on the load bearing capacity of site pavements. However, the facility was developed from the beginning as a transportation facility capable of handling vehicles with a nominal combined gross weight of 80,000 pounds. Construction drawings show that the paved internal traffic areas consist of a 6-inch thick concrete slab covered with an asphalt layer.