

1 Department of Health

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3 Adopted Permanent Rules Relating to Flush Threaded Polyvinyl
4 Chloride (PVC) Casing and Screens Used for Monitoring Wells at
5 Petroleum Storage Tank Sites

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7 Rules as Adopted

8 4725.7605 FLUSH THREADED POLYVINYL CHLORIDE (PVC) CASING AND
9 SCREENS USED FOR MONITORING WELLS AT PETROLEUM STORAGE TANK
10 SITES.

11 Notwithstanding parts 4725.6900 to 4725.7600, a monitoring
12 well may use flush threaded polyvinyl chloride (PVC) casing and
13 screens used for leak detection or groundwater monitoring at an
14 underground or aboveground petroleum storage tank site if the
15 requirements in this part are met.

16 A. The screen must intersect the surface of the water
17 table at the time of installation. The well must be constructed
18 so the joint between the two deepest casing sections is above
19 the surface of the water.

20 B. The total depth of the monitoring well must be 50
21 feet or less.

22 C. The monitoring well must be constructed in
23 unconsolidated materials.

24 D. The annular space between the bore hole and the
25 casing must be grouted with neat cement. The grout must be
26 placed from within ten feet of the top of the screen to the
27 established ground surface.

28 E. The flush threaded polyvinyl chloride casing must
29 meet at least the standards in schedule 40 for polyvinyl
30 chloride (PVC) materials of the American Society for Testing and
31 Materials (ASTM), 1916 Race Street, Philadelphia, Pennsylvania.
32 Schedule 40 standards are contained in the Annual Book of ASTM
33 Standards, Volume 8, Designation D 1785-88 Standard
34 Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe,
35 Schedules 40, 80, and 120 Tables I and II, published December

1 1988. The ASTM standards are incorporated by reference, are not
2 subject to frequent change, and are available through the
3 Minitex interlibrary loan system.