



City of Phoenix
WATER SERVICES DEPARTMENT
ENVIRONMENTAL SERVICES DIVISION

GUIDANCE SUPPLEMENT 10: INTERCEPTOR ABANDONMENT

In some instances, interceptors may be located in a location such that its removal could endanger the structural integrity of another tank or structure. In these cases, interceptors may be abandoned in-place and must meet specific abandonment requirements.

1. Piping shall be rinsed and drained back into the interceptor.
2. All residual liquid, solids, or sludge shall be removed from the interceptor, and handled and disposed of properly by a permitted disposal facility. Documentation showing disposal by a permitted facility shall be submitted to the local municipal sewer authority.
3. Associated electrical and mechanical components shall be disconnected and removed from the interceptor. The only exception to this is if the electrical power services some other equipment which is not being closed (i.e.: the cathodic protection system).
4. Cut and plug both ends of the abandoned sewer drain pipe between the building and the interceptor not more than five feet outside the building foundation, if practical, or cut and plug as close to each end as possible. All fill and access locations and piping shall be cut and/or sealed using locking caps or concrete plugs.
5. Closure may be accomplished by either of the following two methods:
 - a. Remove the entire interceptor: Call 602-495-0278 for an inspection prior to backfilling the cavity following interceptor removal.

OR

- b. Abandon-in-place: Call 602-495-0278 for an inspection prior to filling the interceptor to ensure that the interceptor contents have been removed (2), electrical/mechanical components have been disconnected (3), and inlet/outlet piping has been cut and plugged (4).
6. After inspection and approval, fill the (a) cavity or (b) interceptor with approved material consisting of earth, sand, pea gravel, concrete, or other approved fill material.
7. Regrade the surface to provide drainage and/or seal manhole covers to prevent inflow.
8. Provide and maintain documentation showing that all of the above requirements have been met.

REFERENCE:

Uniform Plumbing Code Chapter 11, Section 1119 – Abandoned Sewers and Sewage Disposal Facilities