WHAT IS CLAIMED IS:

1. A retrofitted storage tank soil side bottom protected against corrosion, comprising:

a storage tank having side walls and a bottom base plate; said bottom base plate having an edge extending outward of said tank side walls; said bottom base plate located on a substrate; said substrate being completely hard, or porous, or both and contained within a ring wall, said ring wall located under said tank base plate and below said tank side walls, optionally an impermeable containment liner, said optional containment liner located beneath any said porous substrate;

a perforated pipe, forming a ring, installed on at least a portion of said bottom base plate edge, wherein said pipe perforations are in communication with an area between the underside of said tank base plate and said substrate below said tank base plate;

a chime seal located around at least a majority of said tank base plate edge, said chime seal enclosing said perforated pipe, said chime seal having one leg contacting the top side of said tank base plate outer edge and one leg contacting the top side of said ring wall around the external perimeter of said tank bottom base plate;

said chime seal having one or more refill ports in communication with said perforated pipe system so that a corrosion inhibitor can be fed to said perforated pipe, said chime seal having one or more openings therein; and

a corrosion inhibitor adapted to be fed into said perforated pipe through said refill ports so that said corrosion inhibitor can be introduced and dispersed into said area between said tank base plate and said substrate below tank base plate so that said tank soil side bottom is protected against corrosion.

2. A storage tank bottom according to claim 1, wherein said chime seal extends entirely around said perimeter of said tank;

wherein said perforated pipe extends around the entire perimeter of said tank bottom; and

wherein said pipe perforations are located adjacent to said chime openings.

3. A storage tank bottom according to claim 2, wherein said corrosion inhibitor is a soluble inhibitor, or wherein said corrosion inhibitor is a volatile corrosion inhibitor, or both, and wherein said substrate is porous, and including said liner.

4. A storage tank bottom according to claim 3, wherein said hard substrate is concrete or asphalt.

5. A storage tank bottom according to claim 1, wherein said storage tank bottom is a new storage tank bottom, or wherein said storage tank bottom is an existing tank bottom.

6. A method for retrofitting and protecting a storage tank soil side bottom, comprising the steps of:

obtaining a storage tank having side walls and a bottom base plate; said bottom base plate having an edge extending outward of said tank side walls, said tank located on a substrate;

installing a perforated pipe system around at least a portion of said tank bottom plate edge so that perforations of said pipe system are in communication with said substrate under said tank bottom base plate;

installing a chime seal system about at least a portion of said tank bottom base plate edge, said chime seal forming an enclosure for said perforated pipe system, said chime seal having one or more openings therein to provide access for said perforated pipe system to said substrate under the tank bottom base plate, said chime seal having one leg contacting said tank base plate; and

introducing a corrosion inhibitor into said perforated pipe system so that said corrosion inhibitor is dispersed into said substrate under the said tank bottom base plate.

7. The method of claim 6, wherein said chime seal extends entirely around said tank bottom plate edge, and wherein said perforated pipe extends entirely around said tank bottom plate edge.

8. The method of claim 7, wherein said chime openings and said pipe perforations are located adjacent to each other, and wherein said corrosion inhibitor is a soluble inhibitor, or wherein said corrosion inhibitor is a volatile corrosion inhibitor, or both.

9. The method of claim 8, wherein said substrate is concrete or asphalt.

10. The method of claim 6, wherein said storage tank bottom is a new storage tank bottom, or wherein said storage tank bottom is an existing tank bottom.

11. A soil side storage tank bottom, comprising:

a storage tank having side walls and a bottom base plate; said base plate extending outward of said side walls; said tank located on a substrate;

a chime seal located around at least an external portion of the perimeter of said tank bottom base plate, said chime seal having one or more openings therein that communicate with said substrate, said chime seal having a leg contacting said tank base plate;

a perforated pipe located within said chime seal having at least one perforation and wherein said perforation is in communication with said tank base plate and said substrate; and

a corrosion inhibitor adapted to be fed into said perforated pipe so that said corrosion inhibitor is dispersed into said substrate.

12. A soil side storage tank bottom according to claim 11, wherein said tank bottom base plate is a new tank bottom or an old tank bottom base plate; and wherein said corrosion inhibitor is a soluble corrosion inhibitor, a volatile corrosion inhibitor, or both.

13. A storage tank bottom according to claim 11, wherein said chime seal extends entirely around said perimeter of said tank base plate, wherein said perforated pipe extends entirely around the perimeter of said tank base plate, wherein said chime seal contains a plurality of openings therein, wherein said perforated pipe contains a plurality of perforations therein, wherein said chime seal openings and said perforated pipe perforations are located adjacent to each other, including another chime seal leg that contacts said substrate, and wherein said corrosion inhibitor is a volatile corrosion inhibitor, a soluble corrosion inhibitor or both.

14. A storage tank bottom according to claim 12, wherein at least a portion of said substrate is porous, and including a liner, said liner located under said porous substrate portion.

15. A storage tank bottom according to claim 13, wherein a portion of said substrate is a hard substrate located beneath said tank side wall, and wherein said substrate located radially inward of said hard substrate is porous, and including a liner, said liner located below said porous substrate.

16. A method for protecting a soil side storage tank bottom, comprising the steps of:

obtaining a storage tank having side walls and a bottom base plate, said base plate extending outward of said side walls, said tank located on a substrate;

installing a chime seal around at least an external portion of the perimeter of said tank bottom base plate, said chime seal having one or more openings therein that communicate with said substrate, said chime seal having a leg contacting said tank bottom base plate;

installing a perforated pipe having at least one perforation within said chime seal, wherein said perforation is in communication with said tank base plate and said substrate; and

injecting a corrosion inhibitor into said perforated pipe so that said corrosion inhibitor is dispersed into said substrate.

17. The method of claim 16, wherein said tank bottom base plate is a new tank bottom or an old tank bottom base plate, and wherein said corrosion inhibitor is a soluble corrosion inhibitor, a volatile corrosion inhibitor, or both.

18. The method of claim 17, wherein said chime seal extends entirely around said perimeter of said tank bottom base plate, wherein said perforated pipe extends entirely around the perimeter of said tank bottom base plate, wherein said chime seal contains a plurality of openings therein, wherein said perforated pipe contains a plurality of perforations therein, wherein said chime openings and said perforated pipe perforations are located adjacent to each other, including another chime seal leg contacting said substrate, and wherein said corrosion inhibitor is a volatile corrosion inhibitor.

19. The method of claim 17, wherein said substrate is concrete or asphalt.

20. The method of claim 16, wherein a portion of said substrate is a hard substrate located beneath said tank side wall and wherein the remaining portion of said substrate is porous, and including a liner, said liner located under said porous substrate.