



**PALM BEACH COUNTY UNIFIED LAND DEVELOPMENT CODE, ARTICLE 14 CHAPTER B, WELLFIELD
PROTECTION PROHIBITIONS, RESTRICTIONS, AND
BEST MANAGEMENT PRACTICES**

PROHIBITIONS AND RESTRICTIONS IN ZONES OF INFLUENCE:

The Wellfield Protection Ordinance was adopted on February 23, 1988 by the Board of County Commissioners. On June 22, 1992, the Ordinance was included as the Palm Beach County Unified Land Development Code, Article 14 Chapter B, Wellfield Protection. Its intent is to ensure safe drinking water for the residences of Palm Beach County. The majority of County's drinking water supply comes from groundwater. Hazardous and toxic chemicals present a risk of contamination to our potable water supply.

Article 14 Chapter B, Wellfield Protection, defines and maps out four zones of protection. Facilities that use, handle, store or produce chemicals in quantities greater than or equal to 5 gallons liquid or 25 pounds solid are subject to regulations of the section. Chemicals above this stated quantity are prohibited in Zone 1. Facilities in Zone 2, Zone 3 or Zone 4 may be required to obtain an Operating Permit. Facilities subject to this section are liable for expenses incurred.

The owner or developer that owns property within these zones must notify potential operators of facilities of conflicts with Article 14 Chapter B. A facility which contains tenants who are not advised of the prohibitions and requirements Article 14 Chapter B is subject to Art. 14.B.3.B. Applicability, as shown below.

No building permit or occupational license for any nonresidential activity shall be issued by the County or any municipality located within Palm Beach County that would allow development or construction in Zones 1, 2, 3, or 4, that is contrary to the restrictions and provisions provided in this section. Permits or occupational licenses issued in violation of this section confirm no right or privilege on the grantee and such invalid permits or licenses will not vest rights.

In addition, no new "exfiltration systems", defined as a gallery, perforated or leaky pipe, or similar structure used to dispose of untreated stormwater by subsurface discharge may be constructed in Zone 1 or Zone 2. Installations of sanitary sewer mains in these zones must conform to force main standards, which are indicated in Appendix 5 Minimum Standards for Sewer Pipe Fittings.

Article 14 Chapter B is implemented by the Palm Beach County Department of Environmental Resources Management, 2300 N. Jog Road West Palm Beach, Florida 33411-2743 telephone (561) 233-2400. The Department may take appropriate legal actions as deemed necessary under Art. 14.B.14. Violations, Enforcement and Penalties.

Examples of activities that may be subject to Article 14 Chapter B include but are not restricted to the following:

1. Auto Paint and Body Shops
2. Battery Manufacturers or Repair Shops
3. Carpet Cleaners
4. Commercial Laundries
5. Dry Cleaners
6. Electroplaters, Circuit Board Manufacturers or Metal Finishers
7. Equipment Rental Operations
8. Fiberglass or Acrylic Manufacturers or Formers
9. Fire Extinguisher Repair Operations
10. Food Processors
11. Funeral Homes
12. Furniture Manufacturers
13. Janitorial Suppliers and Portable Toilet Operations
14. Machine Shops
15. Manufacturers using Acids, Caustics or Solvents
16. Medical Facilities
17. Paint Manufacturers
18. Pest Control Operations
19. Photo, Chemical, Industrial and Environmental Laboratories
20. Pool Maintenance Companies
21. Printers and Blueprinters
22. Roofers
23. Service Stations and Fuel Depots
24. Soap and Detergent Manufacturers and Distributors
25. Vehicle Repair Facilities
26. Water Conditioning Companies
27. Transformer Use and Storage Areas

Prohibitions, Restrictions & Best Management Practices

Examples of the types of materials that are regulated are as follows:

Acid and basic cleaning solutions	Mercury and mercury compounds
Antifreeze and coolants	Metals finishing solutions
Arsenic and arsenic compounds	Oils
Bleaches and peroxides	Paints, primers, thinners, dyes, stains, wood preservatives, varnishing and cleaning compounds
Brake and transmission fluids	Painting solvents
Brine solution	PCB's
Casting & Foundry chemicals	Pesticides and herbicides
Caulking agents and sealants	Plastic resins, plasticizers and catalysts
Cleaning solvents	Photo development chemicals
Corrosion and rust prevention solutions	Poisons
Cutting fluids	Polishes
Degreasing and parts cleaning solvents	Pool chemicals
Disinfectants	Processed dust and particulates
Electroplating solutions	Radioactive sources
Explosives	Reagents and standards
Fertilizers	Refrigerants
Fire extinguishing chemicals	Roofing chemicals and sealers
Food processing wastes	Sanitizer, disinfectants, bactericides, and algaecides
Formaldehyde	Soaps, detergents and surfactants
Fuels and fuel additives	Solders and fluxes
Glues, adhesives and resins	Stripping compounds
Greases	Tanning industry chemicals
Hazardous waste	Transformer and capacitor oils/fluids
Hydraulic fluid	Waste oils and antifreeze
Indicators	Water and wastewater treatment chemicals
Industrial and commercial janitorial supplies	
Industrial process chemicals	
Industrial sludges and stillbottoms	
Inks, printing and photocopying chemicals	
Laboratory chemicals	
Liquid storage batteries	
Medical, Pharmaceutical, dental, veterinary, and hospital solutions	

BEST MANAGEMENT PRACTICES FOR THE CONSTRUCTION INDUSTRY:

- A. The general contractor, or if none, the property owner, shall be responsible for assuring that each contractor or subcontractor evaluates each site before construction is initiated to determine if any site conditions may pose particular problems for the use, handling, production or storage of any regulated substances. For instance, handling regulated substances in the proximity of water bodies or wetlands may be improper.
- B. If any regulated substances are stored on the construction site during the construction process, they shall be stored in a location and manner which will minimize any possible risk of release to the environment. Any storage container of 55 gallons or 440 pounds or more containing regulated substances shall have constructed below it an impervious containment system constructed of material of sufficient thickness, density and composition that will prevent the discharge to the land, groundwater or surface water of any pollutant which may emanate from said storage container. Each containment system shall be able to contain 150% of the contents of all storage containers above or within the containment system.
- C. Each contractor shall familiarize himself with the manufacturer's safety data sheet supplied with each material containing a regulated substance and shall be familiar with procedures required to contain and clean up any releases of the regulated substance. Any tools or equipment necessary to accomplish same shall be available in case of release.
- D. Upon completion of construction, all unused and waste regulated substances and containment systems shall be removed from the construction site by the responsible contractor and shall be disposed of in a proper manner as prescribed by law.

AFFIDAVIT OF NOTIFICATION

Pursuant to the Palm Beach County Unified Land Development Code, Article 14 Chapter B, Wellfield Protection, you shall provide notification to the Palm Beach County Department of Environmental Resources Management for the following activities should you store, handle, use, or produce Regulated Substances that exceed the threshold of 5 gallons, if liquid, or 25 pounds, if solid, within a wellfield zone:

- a. Application for nonresidential building permits.
- b. Application for residential building permits of 25 units or more.
- c. Applications for development subject to review by advisory planning bodies and approval by local governing authority or zoning board of appeals.

A. Project Information:

1. Name of Project _____

2. Property Control # _____

3. Address of Project _____
(Street) (City) (State) (ZIP)

B. Owner of Property, Developer or Agent Signing Affidavit (If agent, a letter of authorization to sign for the owner must be attached.)

1. If individual, provide full legal name _____

Address _____
(Street) (City) (State) (ZIP)

Telephone _____

Owner of Property (if signed by agent) _____

2. If corporation or partnership, provide full name of corporation or partnership and relationship to corporation or partnership.

Name of Corporation or Partnership _____

Address _____

Telephone _____

Relationship to corporation or partnership _____

3. List any Regulated Substances (chemicals, fuels, oils, paints, etc.) that you intend to store, handle, use or produce at this site:

<u>Type of Substance</u>	<u>Approximate Quantity</u>
_____	_____ gallons _____ pounds
_____	_____ gallons _____ pounds
_____	_____ gallons _____ pounds

I have received a copy of "Palm Beach County Unified Land Development Code, Article 14 Chapter B, Wellfield Protection Prohibitions, Restrictions, and Best Management Practices." I understand that there are restrictions and prohibitions concerning the use, handling and storage of regulated substances pursuant to the Wellfield Protection Ordinance. I also understand that certain facilities are prohibited or subject to restrictions in the various wellfield zones.

Affiant

Sworn to and subscribed before me this _____ day of _____, 20_____.

Notary Public, State of Florida

Return Original to Department of Environmental Resources Management

2300 N. Jog Road West Palm Beach, Florida 33411-2743 telephone (561) 233-2400

Copy to Applicant/ Copy to Local Agency

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