

## Comparison of Draft Wellfield Protection Ordinance with FDEP Wellhead Protection Rule

Florida Administrative Code; Department of Environmental Protection; 62-521.400 Ground Water Protection Measures in Wellhead Protection Areas. (500' zone around wellheads)	Draft Wellfield Protection Ordinance
(a) New domestic wastewater treatment facilities shall be provided with Class I reliability as described in Chapter 62-600, F.A.C. (Domestic Wastewater Facilities), and flow equalization. New wastewater ponds, basins, and similar facilities shall be lined or sealed to prevent measurable seepage. Unlined reclaimed water storage systems are allowed for reuse projects permitted under Part III of Chapter 62-610, F.A.C. (Reuse of Reclaimed Water and Land Application).	Consistent with 6.05.25.H.11.
(b) New reuse and land application projects shall be prohibited except for new projects permitted under Part III of Chapter 62-610, F.A.C. (Reuse of Reclaimed Water and Land Application).	Added to 6.05.25.H.11 to be consistent with FDEP rule.
(c) New domestic wastewater residuals (biosolids) land application sites, as defined in Chapter 62-640, F.A.C. (Biosolids), shall be prohibited.	Added to 6.05.25.H.11 to be consistent with and further FDEP rule.
(d) New discharges to ground water of industrial wastewater, as regulated under Chapters 62-660 (Industrial Wastewater Facilities), 62-670 (Feedlot and Dairy Wastewater Treatment and Management Requirements), 62-671 (Phosphate Mining Waste Treatment Requirements), and 62-673 (Phosphogypsum Management), F.A.C., shall be prohibited except as provided below:	Consistent with 6.05.25.H.2 for regulated substances.
1. All non-contact cooling water discharges (without additives); and	Not applicable – does not involve regulated substances.
2. Discharges specifically allowed within a wellhead protection area in Chapters 62-660, 62-670, 62-671 and 62-673, F.A.C.	A review of those chapters did not reveal any discharges that are specifically allowed.
(e) New phosphogypsum stack systems, as regulated under Chapter 62-673, F.A.C., are prohibited.	Not applicable to Santa Rosa County.

(f) New Class I (hazardous wastes) and Class III (mineral extraction) underground injection control wells, as regulated in Chapter 62-528, F.A.C. (Underground Injection Control), are prohibited.	Consistent with 6.05.25.H.2. for Class I wells and not applicable to Santa Rosa County for Class III wells.
(g) New Class V (various) underground injection control wells, as regulated in Chapter 62-528, F.A.C. (Underground Injection Control), are prohibited except as provided below:	Consistent with 6.05.25.H.2 for those processes involving regulated substances.
1. Thermal exchange process wells (closed-loop without additives) for use at single family residences; and	Consistent with residential exemption.
2. Aquifer storage and recovery systems wells, where the injected fluid meets the applicable drinking water quality standards in Chapter 62-550, F.A.C (Drinking Water Standards, Monitoring, and Reporting).	Not applicable – does not involve regulated substances.
(h) New solid waste disposal facilities regulated under Chapter 62-701, F.A.C. (Solid Waste Management Facilities), are prohibited.	Consistent with 6.05.25.F.1.
(i) New generators of hazardous waste, as regulated under Chapter 62-730, F.A.C. (Hazardous Waste), which excludes household hazardous waste as defined in 40 C.F.R. Part 261.4(b)(1) (1994), hereby incorporated and adopted by reference, shall comply with the secondary containment requirements of 40 C.F.R. Part 264 Subpart I (1994), hereby incorporated and adopted by reference.	Consistent with 6.05.25.H.1 and 5.
(j) New hazardous waste treatment, storage, disposal, and transfer facilities requiring permits under Chapter 62-730, F.A.C. (Hazardous Waste), are prohibited.	Added to 6.05.25.F to be consistent with and further FDEP rule. Clarified that the prohibition does not apply to generators of hazardous waste that are subject to the performance standards in 6.05.25.H consistent with (i) above.
(k) New aboveground and underground tankage of hazardous wastes regulated under Chapter 62-730, F.A.C. (Hazardous Waste), is prohibited.	Consistent with 6.05.25.F.2 for underground storage. Consistent with County's 500' wellhead protection zones referenced in 6.05.25.D.2 for aboveground storage.
(l) Underground storage tanks regulated under Chapter 62-761, F.A.C. (Underground Storage Tank Systems), shall not be installed 90 days after the effective date of this rule. Replacement of an existing underground storage tank system regulated	Added to 12.13.02.B and D and 6.025.F.3 an allowance for replacement of existing underground storage tanks to be consistent with FDEP rule. Proposed ordinance does not include an exemption allowing the addition of new underground storage tanks at a facility with other such underground

<p>under Chapter 62-761, F.A.C., within the same excavation, or addition of new underground storage tanks regulated under Chapter 62-761, F.A.C., at a facility with other such underground storage tanks is exempt from this provision, provided that the replacement or new underground storage tank system is installed with secondary containment as required in Chapter 62-761, F.A.C.</p>	<p>storage tanks and is therefore more restrictive than the FDEP rule.</p>
<p>(m) Aboveground storage tanks regulated under Chapter 62-762, F.A.C. (Above Ground Storage Tank Systems), shall not be installed 90 days after the effective date of this rule. Replacement or upgrading of an existing aboveground storage tank or addition of new aboveground storage tanks which are regulated under Chapter 62-762, F.A.C., at a facility with other such aboveground storage tanks is exempt from this provision, provided that the replacement or new aboveground storage tank system meets the applicable provisions of Chapter 62-762, F.A.C.</p>	<p>Added to 12.13.02.D an allowance for replacement of existing above ground storage tanks to be consistent with FDEP rule. Proposed ordinance does not include an exemption allowing the addition of new above ground storage tanks at a facility with other such above ground storage tanks and is therefore more restrictive than the FDEP rule.</p>
<p>(n) Storage tanks which meet the auxiliary power provisions of subsection 62-555.320(6), F.A.C. (Permitting, Construction, Operation, and Maintenance of Public Water Systems), for operation of a potable water well and storage tanks for substances used for the treatment of potable water are exempt from the provisions of this rule. Storage tanks regulated under Chapters 62-761 and 62-762, F.A.C., shall continue to meet the requirements of those chapters.</p>	<p>Consistent with 6.05.25.I.a which exempts public utilities.</p>
<p>(o) Applicants should take note that to prevent the vertical migration of fluids, a water management district may require a construction permit for new water wells, which shall meet the applicable construction standards contained in Chapter 62-532, F.A.C.</p>	<p>Not applicable.</p>
<p>(2) Emergency equipment, including storage tanks, that is necessary to provide power to ensure a continuous supply on an emergency basis of public water supply, electrical power, sewer service, telephone service, or other essential services that are of a public benefit are exempt from the provisions of this chapter. This does not exempt these services from meeting other applicable Department rules.</p>	<p>Added to 6.05.25.I to be consistent with FDEP rule.</p>
<p>(3) Discharge to ground water from Department approved remedial corrective actions for</p>	<p>Added to 6.05.25.I to be consistent with FDEP rule.</p>

contaminated sites located within wellhead protection areas shall not be subject to the discharge restrictions in this chapter.	
(4) Nothing herein supersedes more stringent setback or permitting requirements contained in other Department rules.	Not applicable.