

**Table 27.12.037(A) Risk Assessment Criteria
(Ratings are based on lowest conditions)**

LOW RISK	MODERATE RISK	HIGH RISK
Rivers, Streams, Lakes, & MARINE Waters (AHCA). Buffers are measured from Ordinary High Water Mark (OHWM)		
<p>1(a). A year-round 50-foot or greater buffer of native trees and shrubs is maintained with no livestock access.</p> <p>2(a). Manure application occurs outside 50-foot buffer at rates based on crop nutrient needs and only during growing season (generally April-October).</p>	<p>1(b). A year-round 35 to 50-foot buffer of native trees and shrubs is maintained with no livestock access.</p> <p>2(b). Manure application occurs within 35 to 50 foot buffer at rates based on crop nutrient needs and only during growing season (generally April-October).</p>	<p>1(c). Less than 35-foot wide buffer of native trees and shrubs is maintained or livestock have access to the buffer.</p> <p>2(c). Manure is not applied at rates based on crop nutrient needs or is applied year-round.</p>
<p>WETLANDS & OTHER WATER FEATURES Water features include ponds, irrigation ditches, and drainage ditches that are hydro-logically connected to AHCA or wetlands. Buffers are measured from edge of wetland or water feature.</p>		
<p>3(a). A year-round 50-foot or greater vegetated buffer is maintained between water feature and livestock or cultivation.</p> <p>4(a). Manure application occurs outside 50-foot buffer at rates based on crop nutrient needs and only during growing season (generally April-October).</p>	<p>3(b). A 35 to 50-foot vegetated buffer is maintained between water feature and livestock or cultivation. Buffer may be utilized for harvesting of forage, including grazing when the water feature is dry if minimum forage height of 3 inches is maintained.</p> <p>4(b). Manure application occurs within 35 to 50-foot buffer at rates based on crop nutrient needs and only during growing season (generally April-October).</p>	<p>3(c). A less than 35-foot vegetated buffer is maintained between water feature and livestock or cultivation. Buffers are utilized for year round harvesting of forage or grazing, or forage height in buffer is less than 3 inches in height.</p> <p>4(c). Manure application occurs within 35-foot buffer, not applied at rates based on crop nutrient needs or is applied year-round.</p>
<p>LIVESTOCK HEAVY USE AREAS Includes areas where livestock is confined or congregate, such as feeding locations and wet season pasture areas (sacrifice areas) where polluted runoff may pose a risk to water quality. Does NOT apply to barns and sheds.</p>		
<p>5(a). Livestock heavy use area is located at least 200 feet from AHCAs, Wetlands or Water Features. AND Buffer is well-vegetated.</p>	<p>5(b). Livestock heavy use area is located 100 to 200 feet from AHCAs, Wetlands or Water Features. AND Buffer is well-vegetated.</p>	<p>5(c). Livestock heavy use area is located less than 100 feet from AHCAs, Wetlands, or Water Features. AND/OR Buffer is poorly-vegetated.</p>
<p>MANURE STORAGE Includes collected liquid manure, solid manure, and bedding.</p>		
<p>6(a). Manure storage structure is covered with a roof or tarp and located at least 200 feet from AHCAs, Wetlands, or Water Features.</p>	<p>6(b). Manure storage structure is covered with a roof or tarp and located 100 to 200 feet from AHCAs, Wetlands, or Water Features.</p>	<p>6(c). Manure storage is covered but located less than 100 feet from a AHCAs, Wetlands, or Water Features. OR Manure storage is within 200 feet of AHCA, Wetlands, or Water Features and not covered.</p>

**Table 27.12.037(A) Risk Assessment Criteria
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LOW RISK	MODERATE RISK	HIGH RISK ¹
RIVERS, STREAMS, LAKES, & MARINE WATERS (AHCA). Buffers are measured from Ordinary High Water Mark (OHWM).		
<p>1(a). A year-round 50-foot or greater fully-vegetated buffer² is maintained with no livestock access.</p> <p>2(a) Manure application at rates not exceeding the crop nutrient needs occurs only outside the minimum 50-foot buffer, and only during the growing season³.</p>	<p>1(b). A year-round 35-foot minimum well-vegetated buffer is maintained with no livestock access.</p> <p>2(b) Manure application at rates not exceeding the crop nutrient needs occurs only outside the minimum 35-foot buffer, and only during the growing season³.</p>	<p>1(c). Less than 35-foot wide well-vegetated buffer is maintained or livestock have access to the buffer.</p> <p>2(c). Manure is not applied at rates based on crop nutrient needs, occurs within 35 feet of the OHWM, or is applied outside growing season³.</p>
WETLANDS & OTHER WATER FEATURES⁴ Buffers are measured from edge of wetland or water feature.		
<p>3(a). A year-round 50-foot or greater fully-vegetated buffer² is maintained between wetlands/water features and livestock or cultivation.</p> <p>4(a) Manure application at rates not exceeding the crop nutrient needs occurs only outside the minimum 50-foot buffer, and only during the growing season³.</p>	<p>3(b). A 35-foot minimum well-vegetated buffer is maintained between wetlands/water features and livestock or cultivation, except as outlined in footnote 7.</p> <p>4(b) Manure application at rates not exceeding the crop nutrient needs occurs only outside the minimum 35-foot buffer, and only during the growing season³.</p>	<p>3(c). Conditions specified in Criterion 3(b) are not met.</p> <p>4(c). Manure application occurs within the 35-foot buffer, manure is not applied at rates based on crop nutrient needs, or is applied outside the growing season³.</p>
LIVESTOCK HEAVY USE AREAS⁵		
<p>5(a). Livestock heavy use area is located at least 200 feet from AHCA's, Wetlands or Water Features. AND There is a year-round, 50-foot or greater fully-vegetated buffer².</p>	<p>5(b). Livestock heavy use area is located at least 100 feet from AHCA's, Wetlands or Water Features. AND There is a year-round, well-vegetated 50-foot buffer upon any portion of the AHCA, Wetland or Water Feature that is within 200 feet of the heavy use area.</p>	<p>5(c). Livestock heavy use area is located less than 100 feet from AHCA's, Wetlands, or Water Features, OR There is less than a 50-foot year-round well-vegetated buffer at all locations where (5)(b) requires the presence of such a buffer.</p>
MANURE STORAGE⁶		
<p>6(a). Manure storage structure is covered with a roof or tarp and located at least 200 feet from AHCA's, Wetlands, or Water Features. AND There is a year-round, 50-foot or greater fully-vegetated buffer².</p>	<p>6(b). Manure storage structure is covered with a roof or tarp and located at least 100 feet from AHCA's, Wetlands, or Water Features. AND There is a year-round, 50-foot well-vegetated buffer upon any portion of the AHCA, Wetland or Water Feature within 200 feet of the manure storage structure.</p>	<p>6(c). Manure storage is covered but located less than 100 feet from AHCA's, Wetlands, or Water Features. OR Manure storage is uncovered but located less than 200 feet from AHCA, Wetlands, or Water Features. OR There is less than a 50-foot year-round well-vegetated buffer at all locations where 6(b) requires the presence of such a buffer.</p>

Footnotes:

1. A Farm Plan will be required to address any of the six Risk Assessment Criteria that receive a rating of HIGH RISK.
2. A fully-vegetated buffer is generally comprised of 1/3 herbaceous (non-woody) outer area, and 2/3 inner area comprised of native trees/shrubs. The inner area is closest to the AHCA, Wetland or Water Feature. These areas shall achieve a total cover of 100% herbaceous (non-woody) within 3 year and 25% native trees/ shrubs within 5 years.
3. Growing season is generally April through October.
4. Water Features include ponds, irrigation ditches, and drainage ditches that are hydrologically connected to AHCA or wetlands.
5. Heavy Use Areas includes areas where livestock are confined or congregate, such as feeding locations and wet season pasture areas (sacrifice areas) where polluted runoff may pose a risk to water quality. Does not apply to barns and sheds.
6. Manure Storage Includes collected liquid manure, solid manure, and bedding.
7. Buffer may be utilized for harvesting of forage, including grazing, when the water feature is dry if minimum forage height of 3 inches is maintained.

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LOW RISK	MODERATE RISK	HIGH RISK <u>RISK</u> ¹
RIVERS, STREAMS, LAKES, & MARINE WATERS (AHCA). Buffers are measured from Ordinary High Water Mark (OHWM)).		
<p>1(a). A year-round 50-foot or greater buffer of native trees and shrubs<u>fully-vegetated buffer²</u> is maintained with no livestock access.</p> <p>2(a).) Manure application occurs outside 50-foot buffer at rates based on<u>not exceeding the crop nutrient needs</u> occurs only outside the minimum 50-foot buffer, and only during the growing season (generally April-October).<u>season³.</u></p>	<p>1(b). A year-round 35 to 50-foot <u>minimum well-vegetated</u> buffer of native trees and shrubs is maintained with no livestock access.</p> <p>2(b).) Manure application occurs within 35 to 50-foot buffer at rates based on<u>not exceeding the crop nutrient needs</u> occurs only outside the minimum 35-foot buffer, and only during the growing season (generally April-October).<u>season³.</u></p>	<p>1(c). Less than 35-foot wide well-vegetated <u>well-vegetated</u> buffer of native trees and shrubs is maintained or livestock have access to the buffer.</p> <p>2(c). Manure is not applied at rates based on crop nutrient needs, occurs within 35 feet of the OHWM, or is applied year-round<u>outside growing season³.</u></p>
WETLANDS & OTHER WATER FEATURES<u>FEATURES</u>⁴ Water features include ponds, irrigation ditches, and drainage ditches that are hydro-logically connected to AHCA or wetlands. Buffers are measured from edge of wetland or water feature.		
<p>3(a). A year-round 50-foot or greater fully-vegetated <u>fully-vegetated</u> buffer<u>buffer²</u> is maintained between wetlands/water feature<u>features</u> and livestock or cultivation.</p> <p>4(a).) Manure application occurs outside 50-foot buffer at rates based on<u>not exceeding the crop nutrient needs</u> occurs only outside the minimum 50-foot buffer, and only during the growing season (generally April-October).<u>season³.</u></p>	<p>3(b). A 35 to 50-foot <u>minimum well-vegetated</u> buffer is maintained between wetlands/water feature<u>features</u> and livestock or cultivation. Buffer may be utilized for harvesting of forage, including grazing when the water feature is dry if minimum forage height of 3 inches is maintained, except as outlined in footnote 7.</p> <p>4(b).) Manure application occurs within 35 to 50-foot buffer at rates based on<u>not exceeding the crop nutrient needs</u> occurs only outside the minimum 35-foot buffer, and only during the growing season (generally April-October).<u>season³.</u></p>	<p>3(c). A less than 35-foot vegetated buffer is maintained between water feature and livestock or cultivation. Buffers are utilized for year-round harvesting of forage or grazing, or forage height in buffer is less than 3 inches in height.</p> <p>4(e). 3(c). Conditions specified in Criterion 3(b) are not met.</p> <p>4(c). Manure application occurs within the 35-foot buffer, <u>manure is not applied at rates based on crop nutrient needs,</u> or is applied year-round<u>outside the growing season³.</u></p>
LIVESTOCK HEAVY USE AREAS<u>LIVESTOCK HEAVY USE AREAS</u> Includes areas where livestock is confined or congregate, such as feeding locations and wet season pasture areas (sacrifice areas) where polluted runoff may pose a risk to water quality. LIVESTOCK HEAVY USE AREAS<u>LIVESTOCK HEAVY USE AREAS</u>⁵ Does not apply to barns and sheds.		
<p>5(a). Livestock heavy use area is located at least 200 feet from AHCA's, Wetlands or Water Features. AND Buffer There is well <u>There is well</u> a year-round, 50-foot or greater <u>a year-round, 50-foot or greater</u> fully-vegetated <u>fully-vegetated</u> buffer². <u>buffer².</u></p>	<p>5(b). Livestock heavy use area is located at least 100 to 200 feet <u>at least 100</u> feet from AHCA's, Wetlands or Water Features. AND Buffer There is a year-round, well-vegetated <u>There is a year-round, well-vegetated</u> 50-foot buffer upon any portion of the AHCA, Wetland or Water Feature that is <u>50-foot buffer upon any portion of the AHCA, Wetland or Water Feature that is</u> within 200 feet of the heavy use area. <u>within 200 feet of the heavy use area.</u></p>	<p>5(c). Livestock heavy use area is located less than 100 feet from AHCA's, Wetlands, or Water Features. AND/ OR Buffer There is poorly <u>There is poorly</u> less than a 50-foot <u>less than a 50-foot</u> year-round well-vegetated <u>year-round well-vegetated</u> buffer at all locations where (5)(b) requires the presence of such a buffer. <u>buffer at all locations where (5)(b) requires the presence of such a buffer.</u></p>

Comparison of PC vs BOCC
Risk Assessment Table
Additions in red underline
Deletions in ~~red-strikeout~~

MANURE STORAGE		
Includes collected liquid manure, solid manure, and bedding. MANURE STORAGE⁶		
<p>6(a). Manure storage structure is covered with a roof or tarp and located at least 200 feet from AHCAs, Wetlands, or Water Features.</p> <p>AND</p> <p><u>There is a year-round, 50-foot or greater fully-vegetated buffer².</u></p>	<p>6(b). Manure storage structure is covered with a roof or tarp and located at least 100 to 200 feet from AHCAs, Wetlands, or Water Features.</p> <p>AND</p> <p><u>There is a year-round, 50-foot well-vegetated buffer upon any portion of the AHCA, Wetland or Water Feature within 200 feet of the manure storage structure.</u></p>	<p>6(c). Manure storage is covered but located less than 100 feet from a AHCAs, Wetlands, or Water Features.</p> <p>OR</p> <p>Manure storage is within <u>uncovered but located less than 200 feet off from</u> AHCA, Wetlands, or Water Features and not covered.</p> <p>OR</p> <p><u>There is less than a 50-foot year-round well-vegetated buffer at all locations where 6(b) requires the presence of such a buffer.</u></p>

Footnotes:

1. A Farm Plan will be required to address any of the six Risk Assessment Criteria that receive a rating of HIGH RISK.
2. A fully-vegetated buffer is generally comprised of 1/3 herbaceous (non-woody) outer area, and 2/3 inner area comprised of native trees/shrubs. The inner area is closest to the AHCA, Wetland or Water Feature. These areas shall achieve a total cover of 100% herbaceous (non-woody) within 3 year and 25% native trees/ shrubs within 5 years.
3. Growing season is generally April through October.
4. Water Features include ponds, irrigation ditches, and drainage ditches that are hydrologically connected to AHCA or wetlands.
5. Heavy Use Areas includes areas where livestock are confined or congregate, such as feeding locations and wet season pasture areas (sacrifice areas) where polluted runoff may pose a risk to water quality. Does not apply to barns and sheds.
6. Manure Storage Includes collected liquid manure, solid manure, and bedding.
- 4-7. Buffer may be utilized for harvesting of forage, including grazing, when the water feature is dry if minimum forage height of 3 inches is maintained.