

Region Applicability Matrix

UPDATED: 6/15/2020

Utah LID BMP	Step 1: Min. Acceptable Vertical Clearances			Step 2: Minimum Acceptable Native/ In-Situ Soil Parameters*					Step 3: Minimum Acceptable Horizontal Clearances***			
	Groundwater	Bedrock	HSG	Infiltration Rates**	Expansive/Collapse Risk	Gypsiferous Soils	Liquefaction Risk	Buildings (w/ basement)	Roads	Floodplains or Water Source	Underground Pipeline Infrastructure	
BR-1	> 10 ft	> 5 ft	A or B	0.5 in/hr	Low to Moderate	< 3%	Low to Moderate	10 ft. (50 ft)	5 ft	Any	Any	
BR-2	Any	Any	Any	NA	Any	< 3%	Any	10 ft. (50 ft)	5 ft	Any	20 ft	
BR-3	> 10 ft	> 5 ft	A or B	0.5 in/hr	Low to Moderate	< 3%	Low to Moderate	10 ft. (50 ft)	5 ft	Any	Any	
BR-4	> 10 ft	> 5 ft	A or B	0.5 in/hr	Low to Moderate	< 3%	Low to Moderate	10 ft. (50 ft)	Any	Any	Any	
BR-5	Any	Any	Any	NA	Any	< 3%	Any	Any	Any	Any	Any	
BR-6	NA	NA	Any	NA	Any	NA	Any	Any	Any	NA	NA	
PS-1	> 10 ft	> 5 ft	A or B	0.5 in/hr	Low to Moderate	< 3%	Low to Moderate	10 ft. (50 ft)	Any	Any	20 ft	
ID-1	> 10 ft	> 10 ft	A or B	0.5 in/hr	Low to Moderate	< 3%	Low to Moderate	10 ft. (50 ft)	5 ft	25 ft	20 ft	
ID-2	> 10 ft	> 5 ft	A or B	0.5 in/hr	Low to Moderate	< 3%	Low to Moderate	10 ft. (50 ft)	5 ft	25 ft	20 ft	
ID-3	> 10 ft	No Bedrock	A, B or C	NA	Low to Moderate	< 3%	Any	20 ft. (100 ft)	20 ft	100 ft	20 ft	
ID-4	> 10 ft	> 10 ft	A or B	0.5 in/hr	Low to Moderate	< 3%	Low to Moderate	20 ft. (100 ft)	50 ft	50 ft	20 ft	
HR-1	NA	NA	Any	NA	Any	NA	Any	NA	NA	Any	NA	

*Native soil values only. Per site specific geotechnical report. Engineered soil fills and liners may be required at additional costs if minimum recommended parameters are not met.

**Minimum State Requirement is 0.25 in/hr. This should be considered after aging.

***Geotechnical Analysis required to document safe horizontal setback per site conditions.

NOTE:

This Matrix should be considered a living document. User's shall coordinate with local agency staff to verify most current version.