

AL	AO&GB	IIR,IID	1/4 mi	No	"Rad. Of Press."	NA	---	---	---
FL	USEPA	IIR,IID	1/4 mi	No	"Rad. Of Press."	NA	---	---	---
V MI	USEPA	I	2 mi	No	Not Used	NA	No	No	No
	USEPA	IIR,IID III,V (deep)	1/4 mi	No(c)	Section 146.6	NA	No	No	Yes, Call-in
IL	IEPA	I	2.5 mi	Yes	Section 146.6	None	Yes	No	No
	IDNR	IIR,IID	1/4 mi	No(c)	Not Used	NA	No	No	No
IN	USEPA	I	2 mi	No	Not Used(1)	NA	Yes	No	No
	IDNR	IIR,IID	1/4 mi	No(c)	Not Used	NA	No	No	No
OH	OEPA	I	1/4 mi	Yes	See Attached (2)	None	Yes	No	No
	ODNR	IIR,IID	1/4 mi if q<200 bbl/d/yr 1/2 mi if q>200 bbl/d/yr	Yes	See Attached (3)	Distance yields to 200 bbl/d/yr rate	No	Yes	No
		III	1/4 mi	No	None	NA	No	Yes	
VI (Osage)	USEPA	IIR,IID	1/4 mi	Yes(d)	"Rad. of Press."	?	Few	No	No
OK/NM	Tribal	IIR,IID	1/2 mi	Yes	"Rad. of Press."	?	Few	No	No
AR	ADPC&E	I NHAZ I HAZ	1/2 mi 2 mi	Yes(e)	Section 146.6	---	No	No	No
	AOGC	IIR,IID, V	1/2 mi	Yes	Not Used	---	No	No	Yes, Call-in
LA	OC	I	2 mi	Some	"Rad. of Press."(f)	Rarely	No	No	No
	LDNR	All Others	1/4 mi	No	Not Used	NA	No	No	Yes, Call-in
NM	NMED	I,III,V	2.5 mi or 1/4 mi if Calc=0 (g)	Some	"Rad. of Press."	Rarely	Sometimes	Some	No
	NMOCD	IIR,IID I	1/2 mi	No	Not Used	NA	No	No	No
		NHAZ, III	1/4 mi	No	Not Used	NA	No	No	No
OK	OCC	IIR,IID	1/4 mi (non-	Yes(h)	"Rad.of Press."(h)	?	Sometimes	No	Yes, Call-in

			com) 1/2 mi for com.						
	ODEQ	I,III,V	NA	NA	Section 146.6	Most All	No	Yes	Yes
TX	RCC	IIR,IID	1/4 mi	No	Applicants may use "Rad. Of Press." calc.	Rarely	No	No	No
	TNRCC	I	2 1/2 mi	Yes	Section 146.6	2.5 mi overrules calc.	Very Few [3]	Yes/IID	No
		III,V	1/4 mi	No	Not Used	NA	Class III	No	No
VII MO	MDNR	IIR,IID	1/2 mi	No	Not Used	NA	No	No	No
KS	KCC	IIR,IID	1/4 mi	Yes	Section 146.6	Rarely	Sometimes	Yes	Yes, Call-in
	KDHE	I,III,V	2.5 mi (IH)	Yes	Con of Influence	None	No	Yes	No
			1 mi (I non-haz)	Yes	Cone of Influence	3 times	No	No	No
			1/4 mi (III,V)	No	Not Use	NA	Class V remediation/ Class III sometimes	No	No
NE	NOGCC	IIR,IID	1/2 mi min	No	Not Used	NA	Sometimes	No	Yes
	DEQ	I,III,V	No (I)	NA	"Radius of Press."	?	Sometimes	Some	No
			No (III)	NA	"	?	Sometimes	Some	No
			1000ft. - 1 mi (V)	Yes	Not Used	NA	Sometimes	Some	No
VIII MT	USEPA	IIR,IID	1/4 mi	Yes	"Rad.of Press."	Once	No	No	No
CO	COGCC	IIR,IID	1/4 mi	Some	Cylindric Calc. (i)	None	No	No	No
WY	WOGCC	IIR,IID	1/4mi	Yes, IID	?	None	Yes, IIR	No	Yes, Call-in
UT		IIR,IID	1/2 mi	No	---	---	Sometimes	---	---
IX AZ		III	1/4 mi	Some	Numeric Model (j)	None	Yes	Yes	Yes
CA		IIR,IID	geology depend.	No	Not Used	NA	Sometimes	No	No

HI	USEPA	V	1/4 mi to 1/2 mi	No	Concern is Impact on Ocean	NA	Yes	No	No
NV		II,III,V	1 mi	No	Will allow but none submitted	NA	For Class V	Some	No
Navajo	USEPA	IIR,IID, III	1/2 mi	Yes	"Rad. of Press." (modified)	Rarely	For Class III	Some	No
X AK	AOGCC	IIR,IID	1/4mi	No	Utilize Fracture Gradients	NA	Sometimes	No	No

- a. Don't feel they have good data
- b. Shallow injectors
- c. Calculated to limits of endangerment if problem wells are present
- d. Not in fracture flow formations
- e. Select most conservative value
- f. $P_c = 0.433[(p_{iz})(D_{iz} - D_{usdw}) + (p_{USDW})(D_{usdw} - B_{USDW})] - P_o$
- g. New Mexico radius of pressure influence calculation
- h. Oklahoma radius of pressure influence calculation
- i. Uses formation thickness, porosity, rate, 15 year life
- j. Uses hydraulic conductivity, gradient, porosity, thickness, confined/unconfined, injection rate

1. When the facility is injecting banned hazardous waste, the AOR is expanded to include the modeled plume boundary
2. Ohio EPA's formula can be obtained from Region or State agency
3. Ohio DNR's formula can be obtained from Region or State agency