

TABLE C.2.1-3.—Vertical Saturated Hydraulic Conductivity¹

LOCATION	CYLINDER ID	SATURATED HYDRAULIC CONDUCTIVITY (ft/d)					
TDCJ1	13	1.56	2.18	2.30	2.10	2.38	3.40
	23	0.29	0.22	0.39	1.42	0.99	1.11
	28 ²	4.39	NM	NM	NM	NM	NM
	33	2.27	1.96	NM	NM	NM	NM
	34	1.08	4.54	0.60	1.59	1.50	NM
	36	2.53	2.53	4.68	NM	NM	NM
	38 ²	0.31	0.65	NM	NM	NM	NM
	45	2.64	1.13	0.91	0.79	1.30	NM
	47	0.82	0.94	1.02	1.50	NM	NM
	48	0.77	0.82	0.62	0.91	NM	NM
	49 ²	1.76	0.94	0.82	NM	NM	NM
TDCJ2	12	0.26	0.07	0.04	NM	NM	NM
	17	0.19	0.24	NM	NM	NM	NM
	18	0.01	NM	NM	NM	NM	NM
	19	0.43	0.74	NM	NM	NM	NM
	20	0.33	0.07	0.33	NM	NM	NM
	21	0.12	0.13	0.12	NM	NM	NM
	22 ³	0.03	NM	NM	NM	NM	NM
	24	1.01	NM	NM	NM	NM	NM
	26	4.68	NM	NM	NM	NM	NM
	31	3.77	NM	NM	NM	NM	NM
	40 ³	0.02	0.06	0.03	NM	NM	NM
	43	0.15	0.16	0.14	NM	NM	NM
TDCJ4	B	3.12	1.33	1.87	1.39	NM	NM
	C	0.05	0.04	0.04	0.09	0.11	0.04
	F	0.29	0.24	0.84	NM	NM	NM
TDCJ5	B	0.34	0.48	0.31	0.31	0.62	NM
	C	0.27	0.40	0.99	0.82	0.57	NM
	D	0.45	0.28	0.18	0.11	0.05	NM
	F	0.14	0.10	0.32	NM	NM	NM
	J	1.13	0.65	1.28	NM	NM	NM
	K	0.65	0.37	0.26	NM	NM	NM

¹Based on constant head tests of surface and shallow subsurface soils at the TDCJ playa. Individual test runs on the same sample consisted of using different constant heads, which resulted in different flow rates. Each value represents a separate test. For additional information, refer to TBEG 1992.

²Subsurface sample from 0.12 to 0.2 m (0.4 to 0.6 ft).

³Subsurface sample from 0.15 to 0.21 m (0.5 to 0.7 ft).

Texas Department of Criminal Justice (TDCJ1) Interplaya

TDCJ2 Next to current water level (Fringe) east

TDCJ4 Next to current water level (Fringe) west

TDCJ5 Fringe, halfway between TDCJ1 and TDCJ3

NM - Not measured

Source: TBEG 1992