

CCWD List of Confined Spaces

***Note:** A space is a "permit" space if it contains serious hazards.

A non-permit space can become permit if serious hazards are created in the space due to work activity (i.e. welding, linebreaking, etc.)

If a space contains more than 3" inches of water, it shall be considered permit-required until the water is removed.

Likewise a "permit" space can be classified as nonpermit if the hazards are eliminated.

Consult with the CCWD Confined Space Program for help in classifying a space.

<u>Facility</u>	<u>Space</u>	<u>Space #</u>	<u>City</u>	<u>Depth</u>	<u>Permit Space*</u>	<u>Notes</u>
Ygnacio Pump Station	Basement	044A	Walnut Creek	15.5'	Yes	may contain water
Ygnacio Pump Station	Sump	044B	Walnut Creek	17'	Yes	may contain water/debris, no Saf-T-Climb
Ygnacio Pump Station	Valve Pit	044C	Walnut Creek	8'	No	may contain water, monitor not required for entry
Crystal Ranch	Reservoir	046A	Concord	24'	Yes	normally contains water; 24 foot depth
Crystal Ranch	Hydro Tank	046B	Concord		Yes	normally contains water, not monitored
Crystal Ranch	Drain Pit Altitude	046C	Concord	8'	Yes	engulfment hazard, no ladder
Crystal Ranch	Valve Pit	046D	Concord	8'	No	may contain water
Willow Pass PS	PRV Vault	048A	Concord	8'	No	may contain water
Willow Pass PS	Venturi Meter Vault	048B	Concord	8'	No	may contain water
Clayton Valley Reservoir	Tank #1	049A	Concord	30.5'	Yes	Permitted for vertical entry, normally contains water
Clayton Valley Reservoir	Tank #2	049B	Concord	30.5'	Yes	Permitted for vertical entry, normally contains water
Clayton Valley Reservoir	Valve Pit	049C	Concord	4'	No	may contain water, monitor not required for entry
Sunn Terrace HPS	Hydro Pneum. Tank#1	058A	Concord		Yes	normally contains water, not monitored
Sunn Terrace HPS	Hydro Pneum. Tank#2	058B	Concord		Yes	normally contains water, not monitored
San Miguel Reservoir/PS	Reservoir #1	061A	Concord	24'	Yes	normally contains water; 24 foot depth
San Miguel Reservoir/PS	Reservoir #2	061B	Concord	24'	Yes	normally contains water; 24 foot depth
San Miguel Reservoir/PS	Altitude Valve Pit	061C	Concord	12.5'	Yes	may contain water, no Saf-T-Climb, monitor not required for entry
San Miguel Reservoir/PS	PS Isolation Valve Pit	061D	Concord	12.3'	Yes	may contain water, no Saf-T-Climb, monitor not required for entry
San Miguel Reservoir/PS	Reservr#1 Isolation Valve Vault	061E	Concord	11'	Yes	may contain water
San Miguel Reservoir/PS	(5) Pump Isolation Vaults	061F	Concord	10.8'	Yes	may contain water, no Saf-T-Climb

Bailey Reservoir and P.S.	Reservoir #1	062A	Concord	23.7'	Yes	normally contains water; 24 foot depth
Bailey Reservoir and P.S.	Reservoir #2	062B	Concord	25'	Yes	normally contains water; 25 foot depth
Bailey Reservoir and P.S.	Altitude					
Bailey Reservoir and P.S.	Valve Pit	062C	Concord	8.5'	No	may contain water, monitor not required for entry
Bailey Reservoir and P.S.	Drain Pit	062D	Concord	8'	No	No engulfment hazard present
Bailey Reservoir and P.S.	PS Isolation					
Bailey Reservoir and P.S.	Valve Pit	062E	Concord	8.3'	No	may contain water, monitor not required for entry
Cantebury Tanks	Tank #1	063A	Concord	34.5'	Yes	Permitted for vertical entry, normally contains water
Cantebury Tanks	Tank #2	063B	Concord	34.5'	Yes	Permitted for vertical entry, normally contains water
Cantebury Tanks	Alt Valve					
Cantebury Tanks	Vault		Concord	5'	Yes	Permit, requires two persons to open vault lid
Limeridge Reservoir/PS	Reservoir #1	067A	Concord	24'	Yes	normally contains water; 24 foot depth
Limeridge Reservoir/PS	Reservoir #2	067B	Concord	24'	Yes	normally contains water; 24 foot depth
Limeridge Reservoir/PS	Altitude					
Limeridge Reservoir/PS	Valve Pit 36" (South)	067C	Concord	16.4'	Yes	may contain water
Limeridge Reservoir/PS	Altitude					
Limeridge Reservoir/PS	Valve Pits 24" (2) (North)	067D	Concord	13.5'	Yes	may contain water
Limeridge Reservoir/PS	Under Drain					
Limeridge Reservoir/PS	Outlet Pit	067E	Concord	15.7	Yes	may contain water
Murchio Reservoir	Reservoir	068A	Clayton	20'	Yes	normally contains water; 20 foot depth
Murchio Reservoir	Altitude					
Murchio Reservoir	Valve Vault	068B	Clayton	6'	No	may contain water
Newhall Reservoir	Reservoir	069A	Walnut Creek	21'	Yes	normally contains water; 21 foot depth
Newhall Reservoir	Altitude					
Newhall Reservoir	Valve Vault	069B	Walnut Creek	13.2'	Yes	may contain water
Newhall Reservoir	Drain Pit	069C	Walnut Creek	7'	Yes	engulfment hazard
Pleasant Hill Tank	Steel Tank	074	Pleasant Hill	32'	Yes	Permitted for vertical entry, normally contains water
Midhill Tank and H. P. S.	Concrete Reservoir	078A	Martinez	20'	Yes	normally contains water; 20 foot depth
Midhill Tank and H. P. S.	Altitude					
Midhill Tank and H. P. S.	Valve Pit	078B	Martinez	7.5'	No	may contain water
Midhill Tank and H. P. S.	Hydro					
Midhill Tank and H. P. S.	Pneum. Tank	078C	Martinez	N/A	Yes	normally contains water, not monitored
Midhill Tank and H. P. S.	Reservoir #2		Martinez	23'	Yes	normally contains water
Midhill Tank and H. P. S.	Altitude					
Midhill Tank and H. P. S.	Valve Vault II		Martinez	8'	No	may contain water
Midhill Tank and H. P. S.	Drain Pit		Martinez	6.9'	Yes	engulfment hazard
Pine Hollow Reservoir/PS	Reservoir #1	086A	Concord	34'	Yes	normally contains water; 34 foot depth
Pine Hollow Reservoir/PS	Reservoir #2	086B	Concord	34'	Yes	normally contains water; 34 foot depth
Pine Hollow Reservoir/PS	Altitude					
Pine Hollow Reservoir/PS	Valve Pit	086C	Concord	10'	No	may contain water, no Saf-T-Climb, monitor not required for entry

Seminary Tank and P.S.	Steel Tank	087A	Clayton	32.5'	Yes	Not monitored, normally contains water
Seminary Tank and P.S.	Altitude					
Seminary Tank and P.S.	Valve Pit	087B	Clayton	9'	No	may contain water
Seminary Tank and P.S.	Drain Pit	087C	Clayton	10'	Yes	engulfment, no Saf-T-Climb
Seminary Tank and P.S.	Valve Vault	087D	Clayton	8'	No	may contain water
Nob Hill Tank and P.S.	Altitude					
Nob Hill Tank and P.S.	Valve Pit	088B	Clayton	9'	No	may contain water, monitor not required for entry
Nob Hill Tank and P.S.	Steel Tank	088C	Clayton	33.5'	Yes	Permitted for vertical entry, normally contains water
Divide Tanks/Reservoir	Steel Tank					Permitted for vertical entry, normally contains water
Divide Tanks/Reservoir	#1	089A	Clayton	30.5'	Yes	normally contains water
Divide Tanks/Reservoir	Steel Tank					Permitted for vertical entry, normally contains water
Divide Tanks/Reservoir	#2	089B	Clayton	30.5'	Yes	normally contains water
Country Club Reservoir/P.S.	Reservoir	090A	Pleasant Hill	23.7'	Yes	normally contains water; 24 foot depth
Country Club Reservoir/P.S.	Altitude					
Country Club Reservoir/P.S.	Valve Pit	090B	Pleasant Hill	14'	Yes	may contain water
Country Club Reservoir/P.S.	Drain Pit	090C	Pleasant Hill	13.5'	Yes	engulfment
Country Club Reservoir/P.S.	Bypass					
Country Club Reservoir/P.S.	Valve Vault	090D	Pleasant Hill	8.3'	No	may contain water
Country Club Reservoir/P.S.	Meter Vault					
Country Club Reservoir/P.S.			Pleasant Hill	5.5'	No	may contain water
Port Costa Tank	Steel Tank	091	Costa	29'	Yes	Permitted for vertical entry, normally contains water
Paso Nogal Reservoir/PS	Reservoir	096A	Pleasant Hill	20'	Yes	normally contains water; 20 foot depth
Paso Nogal Reservoir/PS	Altitude					
Paso Nogal Reservoir/PS	Valve Vault	096B	Pleasant Hill	7.3'	No	may contain water
Paso Nogal Reservoir/PS	Drain Vault	096C	Pleasant Hill	7'	Yes	Engulfment hazard
Elderwood Tank and H. P. S.	Steel Tank	097A	Martinez	39.5'	Yes	Permitted for vertical entry, normally contains water
Elderwood Tank and H. P. S.	Hydro-Pneumatic Tank #1	097B	Martinez		Yes	Not monitored, normally contains water
Elderwood Tank and H. P. S.	Hydro-Pneumatic Tank #2	097C	Martinez		Yes	Not monitored, normally contains water
Port Costa B. P. S.	Pump Vault	098	Costa	13'	No	may contain water
Kirker Pass Reservoir/P.S.	Concrete Reservoir	101A	Concord	25.4'	Yes	normally contains water; 25 foot depth
Kirker Pass Reservoir/P.S.	Altitude					
Kirker Pass Reservoir/P.S.	Valve Vault	101B	Concord	15'	Yes	may contain water
Kirker Pass Reservoir/P.S.	Venturi					
Kirker Pass Reservoir/P.S.	Meter Vault	101C	Concord	9.5'	Yes	17.9% Oxygen recorded
Kirker Pass Reservoir/P.S.	Drain Pit #1	101D	Concord	8'???	Yes	engulfment hazard
Kirker Pass Reservoir/P.S.	Drain Pit #2	101E	Concord	27'	Yes	engulfment hazard, deep
East Reservoir	Concrete Reservoir	102A	Concord	20.5'	Yes	normally contains water; 21 foot depth
East Reservoir	Altitude					
East Reservoir	Valve Vault	102B	Concord	9.5'	No	may contain water
East Reservoir	Drain Pit	102C	Concord	11.5'	Yes	engulfment hazard
Gregory Gardens Tank/Pump	Steel Tank	111A	Pleasant Hill	?	Yes	Permitted for vertical entry, normally contains water
Gregory Gardens	Altitude	111B	Pleasant Hill	6'	No	may contain water, monitor not

Tank/Pump	Valve Pit Pump Station		Hill			required for entry
Gregory Gardens Tank/Pump	Isolation Valve Vault	111C	Pleasant Hill	8'	No	may contain water
Sand Quarry Reservoir	Concrete Reservoir	117A	Concord	26'	Yes	not monitored, normally contains water; 26 foot depth
Sand Quarry Reservoir	Altitude Valve Vault	117B	Concord	8.9'	No	may contain water
Sand Quarry Reservoir	Reservoir Drain Pit	117C	Concord	8.8'	No	may contain water
Cowell Ranch Reservoir/P.S.	Concrete Reservoir	118A	Concord	25'	Yes	normally contains water; 25 foot depth
Cowell Ranch Reservoir/P.S.	SQ Drain Pit SQ Altitude	118B	Concord	6.9'	Yes	Engulfment hazard
Cowell Ranch Reservoir/P.S.	Valve Pit	118C	Concord	9'	No	may contain water
Shell Ridge Reservoir	Reservoir	123A	Walnut Creek	30'	Yes	normally contains water; 30 foot depth
Shell Ridge Reservoir	Drain Pit	123B	Walnut Creek	6'	Yes	not monitored, engulfment hazard
Shell Ridge Reservoir	Sediment Pit	123C	Walnut Creek	5.7'	Yes	no ladder; ladder, monitor needed for non-permit entry
Comista Pump Station	Pump Sump	124	Walnut Creek	?	Yes	not monitored
Castle Rock Reservoir	Reservoir	125A	Walnut Creek	25'	Yes	normally contains water; 25 foot depth
Castle Rock Reservoir	Altitude Valve Vault	125B	Walnut Creek	7.5'	No	may contain water
Castle Rock Reservoir	Drain Pit	125C	Walnut Creek	?	Yes	engulfment hazard
Taylor Reservoir	Reservoir Altitude	126A	Pleasant Hill	30.6'	Yes	normally contains water; 31 foot depth
Taylor Reservoir	Valve Vault	126B	Pleasant Hill	18'	Yes	may contain water, forced air, Alternative Entry OK
Taylor Reservoir	Drain Pit	126C	Pleasant Hill	6.5'	Yes	Engulfment hazard
Oakhurst Reservoir	Reservoir	129	Clayton	27.5'	Yes	normally contains water; 27.5' foot depth
Oakhurst Reservoir	Altitude Valve Vault	130	Clayton	9.3'	No	may contain water
Keller Ranch Reservoir	Reservoir	131	Clayton	?	Yes	normally contains water; ? foot depth
Irish Canyon Reservoir	Concrete Reservoir	133	Clayton	22.7'	Yes	normally contains water; 23 foot depth
Powerline Reservoir	Reservoir	135	Clayton	22'	Yes	normally contains water; 22 foot depth
Irish Canyon H.P.S.	Hydro Tank	136	Clayton		Yes	normally contains water
Rancho Paraiso Reservoir	Reservoir	145A	Walnut Creek	32'	Yes	normally contains water; 32 foot depth
Rancho Paraiso Reservoir	Altitude Valve Vault	145B	Walnut Creek	7'	No	may contain water
Rancho Paraiso Reservoir	Drain Pit	145C	Walnut Creek	6'	Yes	engulfment hazard
Northgate Reservoir and Pump	Reservoir	146A	Walnut Creek	24.5'	Yes	normally contains water; 25 foot depth
Northgate Reservoir and Pump	Altitude Valve Pit	146B	Walnut Creek	7'	No	may contain water
Northgate	Drain Valve	146C	Walnut	9'	No	may contain water

Reservoir and Pump	Vault		Creek			
Diablo Hill Reservoir	Reservoir	160A	Walnut Creek	?	Yes	normally contains water; ? foot depth
Diablo Hill Reservoir	Valve Vault	160B	Walnut Creek	7'	No	may contain water
Diablo Hill Reservoir	Seismic Instrumentation Vault	160C	Walnut Creek	8'	No	may contain water (forced air) engulfment hazard, contains water
Diablo Hill Reservoir	Drain Pit	160D	Walnut Creek	7.5'	Yes	water
Martinez Intertie	PRV Vault	199	Martinez	5.7'	No	may contain water
Martinez Reservoir	Reservoir	201	Martinez	16.8'	Yes	normally contains water; ? foot depth
	Fuel/Oil/Water					
District Center Corp Yard	Separators (2)	202	Concord	3'	No	
District Center Corp Yard	Wash Rack Vault		Concord	6.5'	Yes	may contain water, no ladder
Marsh Creek Rd.	Regulator/P RV Vault	203		6'	No	ladder
Indianhead Way	Regulator Vault	204		8'	No	
Marsh Creek Rd.	Pressure Relief Valve	205		3'	No	Not a confined space
Morello Rd	Regulator Vault	206		8'	No	may contain water
Southwind Dr	Regulator Vault	208		8'	Yes	may contain water, no ladder
Clayton Way	PRV - 1 Vault	209		6.5'	Yes	may contain water, no ladder
Wilson @ West St	PRV - 2 Vault	210		6.5'	Yes	may contain water, no ladder
Wilson @ Denkinger	PRV - 3 Vault	211		6'	Yes	16% oxygen recorded, no ladder
Shortcut Pipeline	Vault	409		12'	Yes	may contain water
EBMUD Intertie Vault	Vault				No	has stairs - not a confined space
Canal liner >4' deep	canal			4'+	Yes	Non permit only if canal is down, ladder is used to climb
Canal UnderXing@ Hwy 4	Tunnel				Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UnderXing@Willow Pass #1					Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UnderXing@Willow Pass #2 - dips down ~2.5'					Yes	> 10% LEL detected in 2010
Deep Cut @ base					Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UX @ East Olivera Rd					Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UX @ Willow Pass Armory					Yes	permit even if canal is down; can only be cleaned with vac truck
Canal UX @ Wren					Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UX @ Euclid					Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UX @ Concord Blvd					Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UX @ Walnut Ave					Yes	Non permit only if canal is dewatered, ladder used to climb

Canal UnderXing@Clayton Rd				Yes	Non permit only if canal is dewatered, ladder used to climb
Canal UnderXing @ Treat	Bridge over canal			Yes	Non permit only if canal is down, ladder is used to climb
Canal UnderXing @ Citrus	Box Culvert			Yes	Non permit only if canal is down, ladder is used to climb
Canal UnderXing @ Oakgrove	underxing dips down			Yes	permit even if canal is down; can only be cleaned with vac truck
Canal UnderXing @ Bancroft				Yes	permit even if canal is down; can only be cleaned with vac truck
Canal UnderXing @ Oak Rd				Yes	Non permit only if canal is down, ladder is used to climb
Canal UnderXing @ 1st Ave				Yes	Non permit only if canal is down, ladder is used to climb
Canal UnderXing @ Putnam Siphon @ Murderers Creek				Yes	Non permit only if canal is down, de-watered, ladder used to climb
Canal UnderXing @ Oak Park Blvd				Yes	Non permit only if canal is down, ladder is used to climb
Siphon @ Viking Dr				Yes	Non permit only if canal is down, de-watered, ladder used to climb
Canal UnderXing @ Golf Club Rd	Bridge over canal			Yes	Non permit only if canal is down, ladder is used to climb
2222 Pacheco					
Meter vault	Vault	4.7'		Yes	no ladder; ladder, monitor needed for non-permit entry
2540 East St Meter vault	Vault	4.5'		Yes	no ladder; ladder, monitor needed for non-permit entry
2 Mayhew Way Meter vault	Vault	4.5'		Yes	no ladder; ladder, monitor needed for non-permit entry
Willow Pass Rd Meter Vault	Vault	4'		Yes	no ladder; ladder, monitor needed for non-permit entry
Hamilton/Oliviera Meter vault	Vault	5.3'		Yes	no ladder; ladder, monitor needed for non-permit entry
Hamilton/Esparanza Meter vault	Vault	4.8'		Yes	no ladder; ladder, monitor needed for non-permit entry
Bollman East meter vault	Vault	4'		Yes	no ladder; ladder, monitor needed for non-permit entry
Trader Joe's-Oak Grove-Treat	Fire Service vault	4.3'		Yes	no ladder; ladder, monitor needed for non-permit entry
936 Detroit	Fire Service vault	5.1'		Yes	no ladder; ladder, monitor needed for non-permit entry
Bravo Italian rest - CC Blvd	Fire Service vault	4.7'		Yes	no ladder; ladder, monitor needed for non-permit entry
Camino De Las Juntas	Manhole - drain pit	13'		Yes	ladder is not compliant (need ext. ladder), engulfment hazard if no double block
District Center roof	Air handlers (Five?)			Yes	Must be locked out before entry
NAX Plants	Tanks			Yes	Normally contains untreated H2O; contains coal tar odor; use VOC monitor to determine VOC level