



Municipal Settings Designation



### **Municipal Settings Background**

- An MSD a state designation given by TCEQ to property within a municipality that certifies that groundwater at the property is not used as potable water, and is prohibited from future use as potable water.
- Prohibition is in the form of a City ordinance
- TCEQ is the permitting authority; local support is mandatory
- Application Eligibility
  - Property within the local government jurisdiction
  - Jurisdiction has a public water supply system that meets State requirements, and
  - Water supply system is capable of providing drinking water to MSD property



## **Permitting Process**

City Review, Staff Application to City Public Meeting Application to TCEQ Certification by TCEQ Public Deed Hearing



# MUNICIPAL SETTING DESIGNATION (MSD) 2019 VALLEY VIEW LANE FARMERS BRANCH, TEXAS

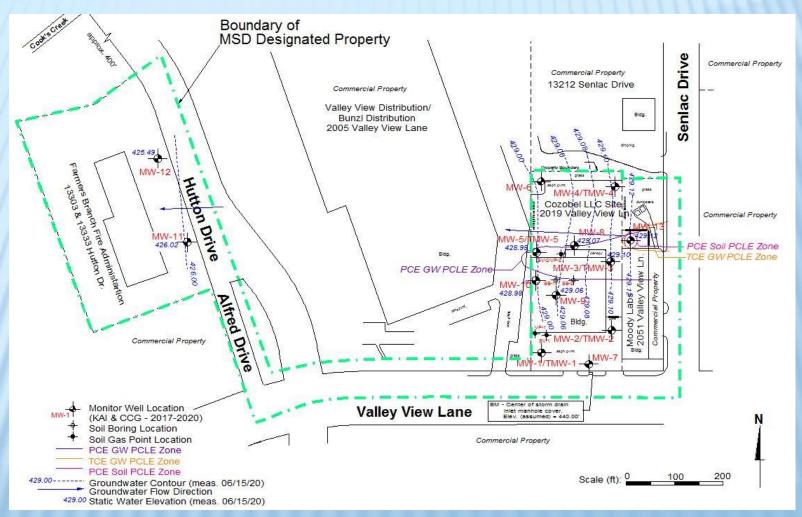


#### MSD PROPERTY INVESTIGATION RESULTS

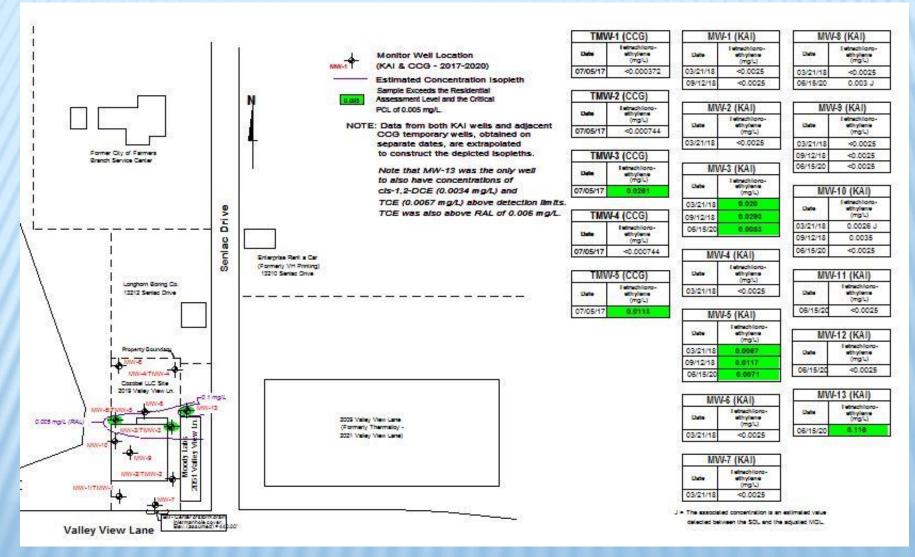
13 permanent groundwater monitoring wells installed.

Groundwater samples, surface soil samples soil samples collected.

Analyses of samples for volatile organic compounds (VOCs) and metals.

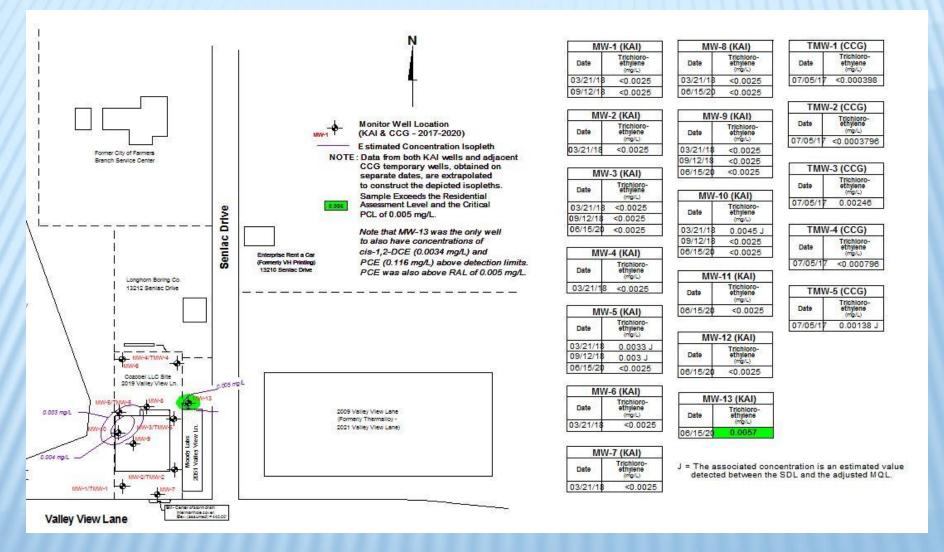


#### **GROUNDWATER INVESTIGATION RESULTS - PCE**



Chlorinated solvent PCE detected in groundwater above Critical PCL in three monitoring wells.

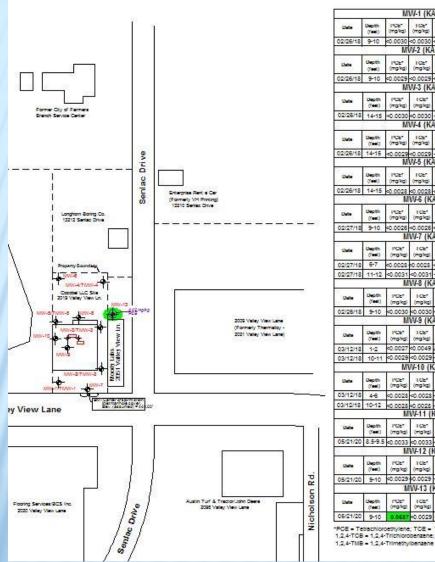
#### **GROUNDWATER INVESTIGATION RESULTS - TCE**



Chlorinated solvent TCE detected in groundwater above Critical PCL in one monitoring well.

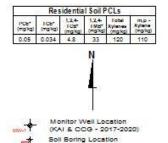
#### SOIL INVESTIGATION RESULTS

Chlorinated solvent PCE detected in soil above **Critical PCL** in one well: off-site upgradient MW-13. No metals above Critical PCLs.





epth (eet) 2-3		(mg/kg) =0.00128	1,2.4 1087 (mg/kg) <0.00213	1,2,4 I Misr (mg/kg) 0.00113	Total Xylenes (mg/kg) 0.00193
20.12				0.00113	0.00193
pth .	TM	M2 ICC			
epith .		19-2 (00	G)		-
(met)	(mg/kg)	(mg/kg)	1,2,4 1057 (mg/kg)	1,2,4 IMBT (mg/kg)	Total Xylenes (mg/kg)
4-15	<0.00136	<0.00128	0.0171 <	0.00111	0.00151
	TMY	W-3 (CC	(G)		
epth (eet)	(mg/kg)	(mg/kg)	1,2,4 1,08° (mg/kg)	1,2,4 1MB* (mg/kg)	Total Xylanes (mg/kg)
1-12	0.0147	<0.00139	<0.00233	<0.00120	<0.00155
	TM	N-4 (CC	G)		1
epth rest)	(mg/kg)	(mg/kg)	1,2,4 1Cbf (mg/kg)	1,2,4 1Mb* (mg/kg)	Total Xyllenes (mg/kg)
3-14	<0.00141	0.00133	<0.00222	<0.00115	<0.00155 ⋅
	TMV	N-5 (CC	G)		
epth (eet)	(mg/kg)	(mg/kg)	1,2,4- 1 Cer (mg/kg)	1,2,4 1M8° (mg/kg)	Total Xylenes (mg/kg)
243	<0.00143	<0.00139	0.0156	<0.00135	<0.00150
	SE	3-1 (KAI	1		1
epth (est)	(mg/kg)	(mg/kg)	1,2,4 1CBF (mg/kg)	1,2,4 1M6" (mg/kg)	Total Xylenes (mg/kg)
2-4	<0.0027	<0.0027	<0.0027	<0.0027	NA.
	SI	B-2 (KA	)		
repth (	(mg/kg)	(mg/kg)	1,2,4- 1 CB* (mg/kg)	1,2,4 1 MB* (mg/kg)	Total Xylenes (mg/kg)
1-2	<0.0027	<0.0027	<0.0027	<0.0027	NA.
-10	<0.0027	<0.0027	<0.0027	<0.0027	NA.
	(eat) 1-12 1-12 1-12 1-12 1-12 1-12 1-12 1-1	1/2   1/2	Time	TMW-3 (CCG)  with river 1024 1024 1024 1024 1024 1024 1024 1024	TMW-3 (CCG)  **The Title

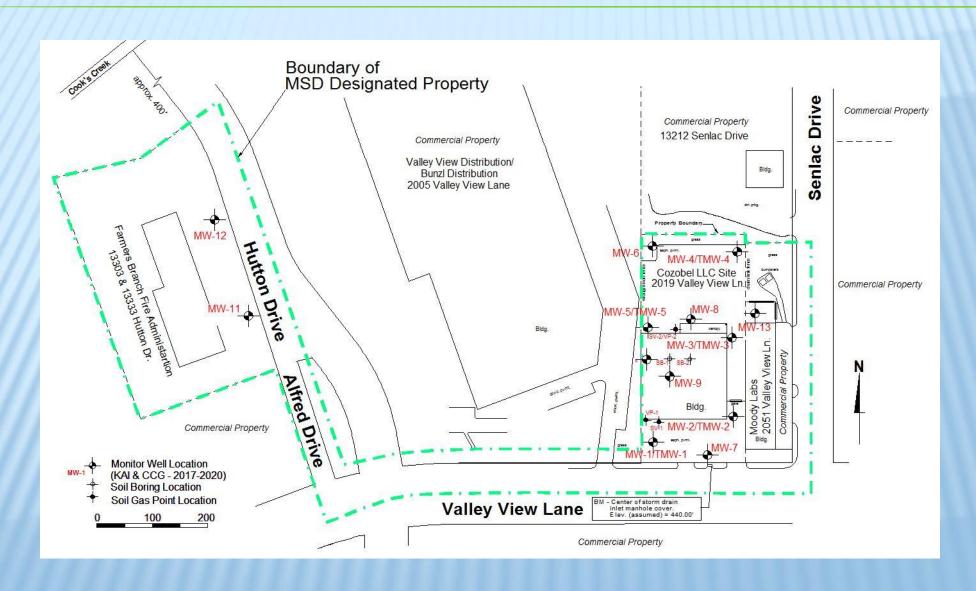


Estimated Concentration (sopiet) NOTE: Data from both KAI wells and adjacent CCG temporary wells, obtained on separate dates, are extrapolated

to construct the depicted isopieth Sample Exceeds the Residential Assessment Level and the Critical

PCL of 0.05 mg/kg for PCE.

#### **MSD DESIGNATED PROPERTY**





# DISCUSSION