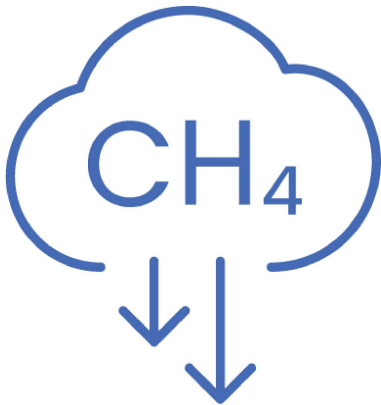
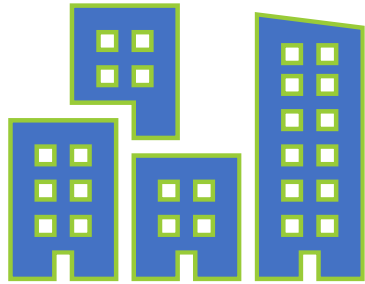




Chiquita Canyon Landfill Gas Migration Monitoring

FACILITY AND PLAN REVIEW
SUBCOMMITTEE

OCTOBER 21, 2021

Monitoring Well Information

Table 1
Perimeter Gas Monitoring Points

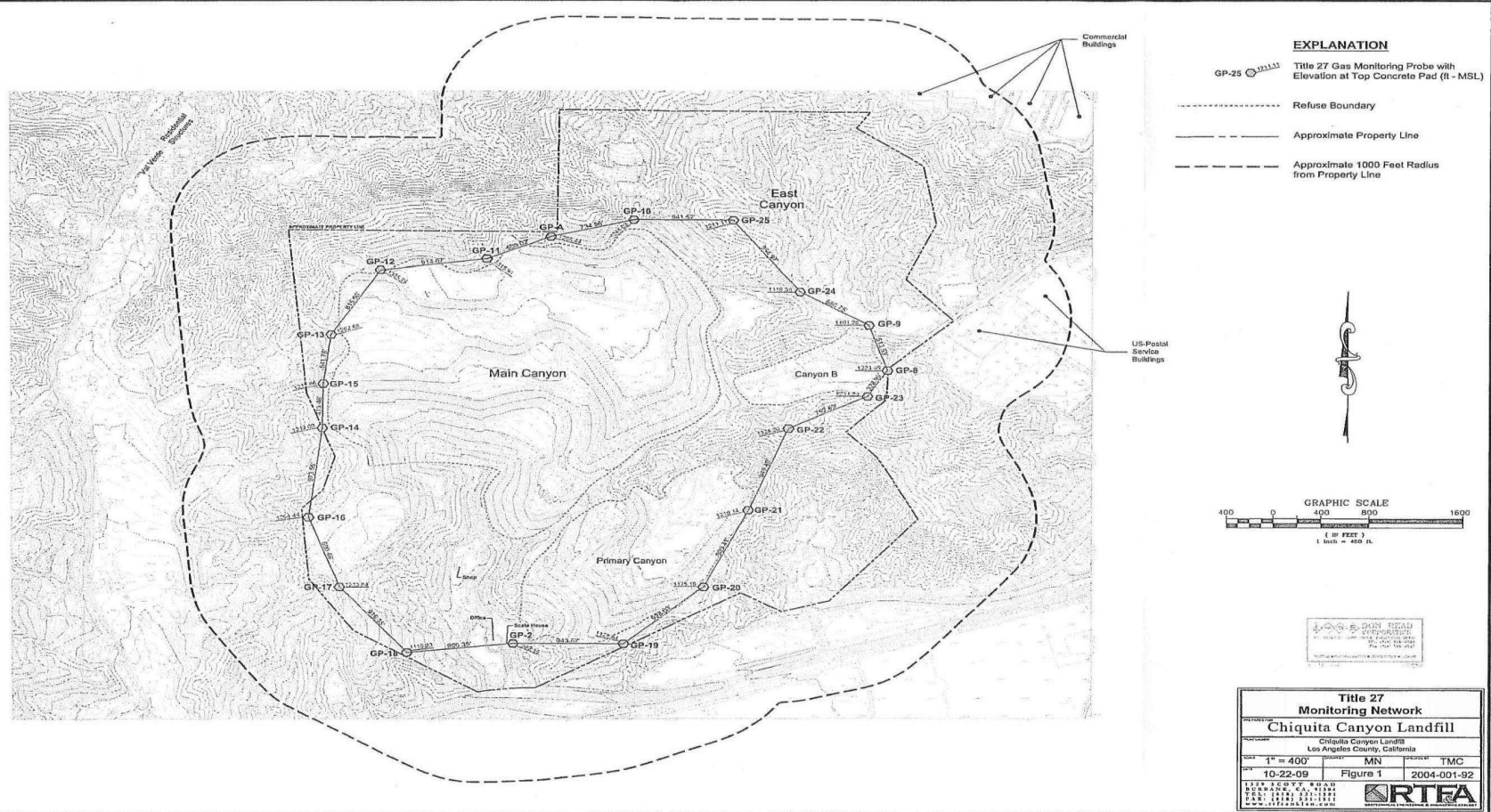
								Monitoring Probe Depths				Bentonite Seal Thickness		Well Spacing (ft)
Well ID	Surface Elevation (ft-MSL)	Base Refuse Elevation (ft-MSL)	Title 27 Calculate d Depth (ft-bgs)	Ground-water Elevation (ft-MSL)	Depth to Ground-water (ft-bgs)	Boring Depth (ft-bgs)	Shallow ==> Deep (ft-bgs)				(ft)			
Existing Wells	GP-A	1266.44	1000	266	1112.4	154.0	154	10	51	102	152	4 to 5	590 to GP-11	
	GP-2	982.16	1000	none	925.0	57.2	56.6	15.5	44.5	53		2	944 to GP-19	
	GP-8	1223.95	1100	124	1014.0	210.0	120	10	60	120		5	514 to GP-9	
	GP-9	1101.25	1100	1	1015.0	86.3	88.5	25	55	83		5+	687 to GP-24	
	GP-10	1246.03	1000	246	1145.0	101.0	91.12	20	35	60	91	5+	735 to GP-A	
	GP-11	1315.91	1000	316	1104.1	211.8	250	10	70	141	208	4 to 5	915 to GP-12	
	GP-12	1335.78	1000	336	1097.8	238.0	260	12	38	74	110	224	5+	816 to GP-13
	GP-13	1262.88	1000	263	1080.0	182.9	174	10	29	58	87	173	5+	542 to GP-15
GP-14	1212.00	1000	212	1066.0	146.0	165	10	23	44	67	134	5+	974 to GP-16	
New Wells	GP-15	1215.5	1000	215.5	1106.37	109.18	120	10	40	60	90	115	5+	473 to GP-14
	GP-16	1254.2	1000	254.2	1002.74	251.50	270	10	85	154	210	255	5+	800 to GP-17
	GP-17	1213.6	1000	213.6	998.70	214.89	240	10	55	105	149	235	5+	916 to GP-18
	GP-18	1110.7	1000	110.7	960	151	120.9	10	38	58	86	115	5+	906 to GP-2
	GP-19	1128.6	1000	128.6	928	201	130	10		84		116	5+	928 to GP-20
	GP-20	1174.9	1000	174.9	940	235	179	60		105		173	5+	909 to GP-21
	GP-21	1217.9	1000	217.9	989.97	227.92	240	10		90		232	5+	949 to GP-22
	GP-22	1324.0	1000	324.0	1037.56	286.40	310	50		155		305	5+	753 to GP-23
	GP-23	1231.6	1100	131.6	1022	210	132.5	35		77		132	5+	329 to GP-8
	GP-24	1118.1	1000	118.1	1058.13	60.0	72	12		40		70	5+	965 to GP-25
	GP-25	1210.9	1000	210.9	1136.23	74.63	88	14		50		80	5+	842 to GP-10

Notes:

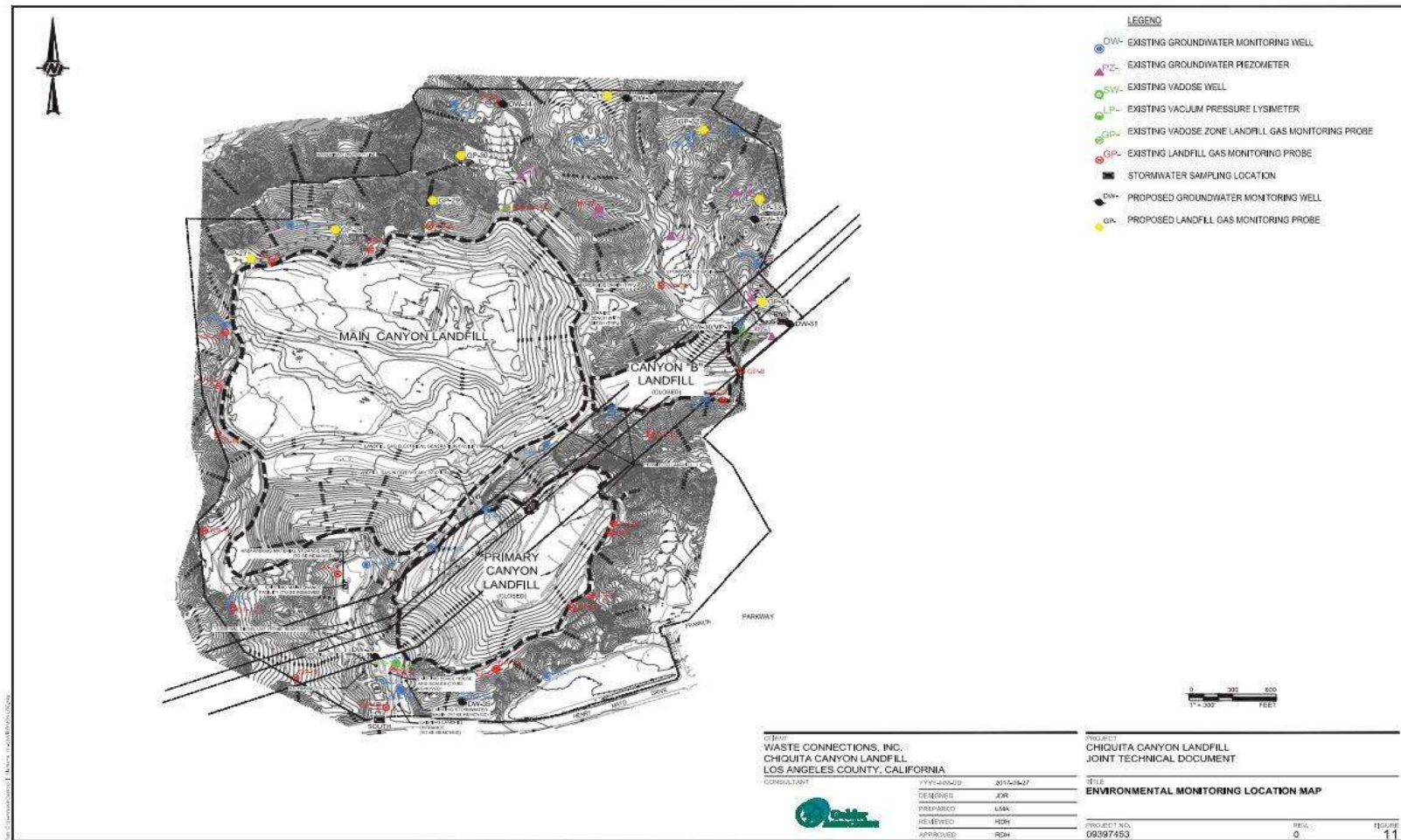
- 1) Surface Elevation = ground surface elevation at monitoring well
- 2) Base Refuse Elevation = estimated lowest elevation of 1,000 ft-MSL for Primary Canyon and Main Canyon wells, or
- 3) Base Refuse Elevation = alternative estimated lowest elevation of 1,100 ft-MSL at Canyon B (wells GP-8, GP-9, & GP-23)
- 4) Title 27 Calculated Depth = "Surface Elevation" - "Base Refuse Elevation" (or "none" if negative number)
- 5) Monitoring Probe Depths = base of screened interval (most existing well screen lengths are 5', see Figures for new well details)
- 6) ft-MSL = feet above mean sea level
- 7) ft-bgs = feet below ground surface
- 8) box indicates if boring depth is controlled by "Title 27 Calculated Depth" or "Depth to Groundwater"
- 9) Deep probes in all new wells monitor to total depth of boring (no seal below), or to groundwater if present

Perimeter Gas Monitoring Well Locations

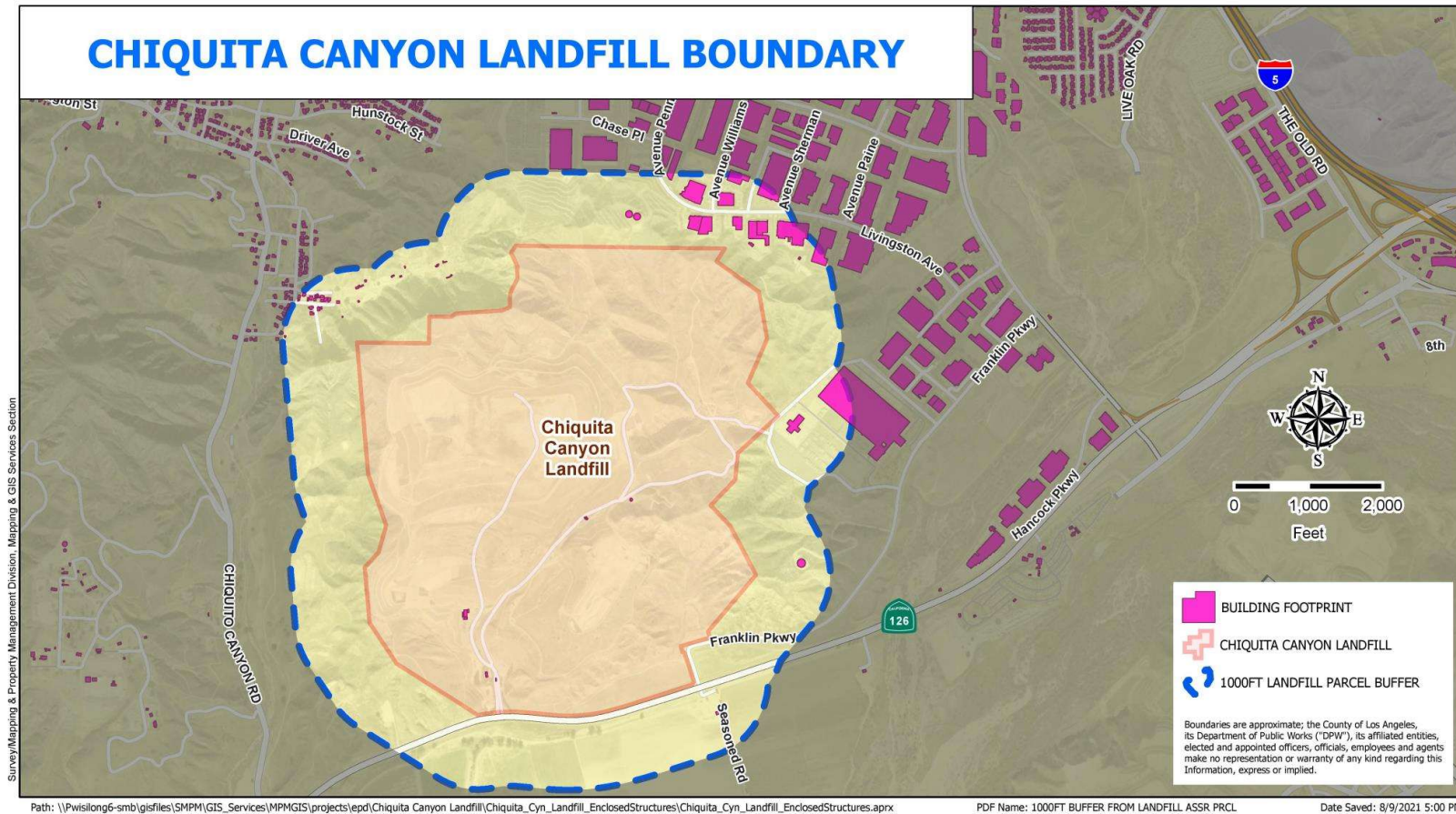
Well Network Map
extracted from December
2017 JTD Document



Existing and Future Perimeter Gas Monitoring Wells



Chiquita Canyon Landfill Site Map





Questions?