

Appendix F - Contiguous Fill Volume Calculations (Entire Thickness)

Name	Total Area (acres)	Internal Area (ft ²)	Inter-contour Area (ft ²)	Intercontour Avg. Depth (ft)	Intercontour Volume (yd ³)
Augur Street Fill Area					
Volume (0-4)	2.2	97314	54265	2.0	4020
Volume (>4) (North part)		15185	15185	4.5	2531
Volume (>4) (Central part)		3418	3418	4.5	570
Volume (4-10) (South part)		24446	21028	7.0	5452
Volume (>10)		3418	3418	10.5	1329
Subtotal Volume					14000
Bryden Terrace Fill Area					
Volume (0-4)	10.0	434580	96698	2.0	7163
Volume (4-10)		337883	298916	7.0	77497
Volume (>10)		38967	38967	10.5	15154
Subtotal Volume					100000
Morse Street Fill Area					
Volume (0-4) (Eastern part)	0.30	13275	6118	2.0	453
Volume (4-10) (Eastern part)		7157	4935	7.0	1279
Volume (>10) (Eastern part)		423	423	10.5	164
Volume (>10) (Eastern part)		1799	1799	10.5	700
Volume (0-4) (Western part)	0.34	15489	13920	2.0	1031
Volume (>4) (Western part)		1014	1014	4.5	169
Volume (>4) (Western part)		555	555	4.5	93
Subtotal Volume					3900
Newhall Street Fill Area					
Volume (0-4)	6.0	261356	126238	2.0	9351
Volume (4-10)		135118	88311	7.0	22896
Volume (>10)		4470	4470	10.5	1738
Volume (>10)		19636	19636	10.5	7636
Volume (>10)		22700	22700	10.5	8828
Subtotal Volume					50000
Southwest Satellite Fill Area					
Volume (0-4)	9.9	432487	167276	2.0	12391
Volume (4-10) (Block H)		122790	47719	7.0	12372
Volume (10-15) (Block H)		75071	33007	12.5	15281
Volume (15-20) (Block H)		42063	28759	17.5	18640
Volume (>20) (Block H)		13304	13304	20.5	10101
Volume (4-10) (Block J)		62594	31148	7.0	8075
Volume (10-15) (Block J)		31446	17400	12.5	8056
Volume (15-20) (Block J)		14046	11597	17.5	7516
Volume (>20) (Block J)		2449	2449	20.5	1859
Volume (4-10) (Block K)		77475	36548	7.0	9475
Volume (10-15) (Block K)		40927	30652	12.5	14191
Volume (15-20) (Block K)		10275	8398	17.5	5443
Volume (>20) (Block K)		1877	1877	20.5	1425
Volume (>4) (Block L north)		407	407	4.5	68
Volume (>4) (Block L south)		1945	1945	4.5	324
Subtotal Volume					130,000
Total Fill Volume - Contiguous Fill Areas					300,000

Appendix F - Contiguous Fill Volume Calculations (<4 feet thick)

Name	Total Area (acres)	Internal Area (ft²)	Inter-contour Area (ft²)	Intercontour Avg. Depth (ft)	Intercontour Volume (yd³)
Augur Street Fill Area					
Volume (0-4)	2.2	97314	54259	2.0	4019
Volume (4) (North part)		15185	15185	4.0	2250
Volume (4) (Central part)		3424	3424	4.0	507
Volume (4) (South part)		24446	24446	4.0	3622
Subtotal Volume					10000
Bryden Terrace Fill Area					
Volume (0-4)	10.0	434580	96698	2.0	7163
Volume (4)		337883	337883	4.0	50057
Subtotal Volume					57000
Morse Street Fill Area					
Volume (0-4) (Eastern part)	0.30	13275	6118	2.0	453
Volume (4) (Eastern part)		7157	7157	4.0	1060
Volume (0-4) (Western part)	0.34	15489	13920	2.0	1031
Volume (4) (Western part)		1014	1014	4.0	150
Volume (4) (Western part)		555	555	4.0	82
Subtotal Volume					2800
Newhall Street Fill Area					
Volume (0-4)	6.0	261356	126238	2.0	9351
Volume (4)		135118	135118	4.0	20017
Subtotal Volume					29000
Southwest Satellite Fill Area					
Volume (0-4)	9.9	432487	167276	2.0	12391
Volume (4) (Block H)		122790	122790	4.0	18191
Volume (4) (Block J)		62594	62594	4.0	9273
Volume (4) (Block K)		77475	77475	4.0	11478
Volume (4) (Block L north)		407	407	4.0	60
Volume (4) (Block L south)		1945	1945	4.0	288
Subtotal Volume					52000
Total Fill Volume <4 ft - Contiguous Fill Areas					150000

**Appendix F
Isolated Fill Volume Calculations**

Name	Average Depth (ft)	Internal Area (ft²)	Volume (yd³)
E01	1.4	2700	140
E02	1.4	1300	65
H01	1.1	1300	53
K01	1.6	31000	1800
K02	1.6	13000	780
K03	1.3	490	23
K04	1.6	5300	310
K05			^
K06			^
M01	3.2	2000	240
M02			^
N01	1.0	3400	130
N02	1.0	260	10
N03	1.7	1800	110
N04			^
P01	1.9	1500	100
P02	1.4	1000	52
Q01	1.5	110	6
Q02			^
Q03			^
R01	1.5	1700	97
R02	2.0	1400	110
R03	1.5	6400	340
S01	2.5	2000	180
S02	2.0	2800	210
S03	4.5	1200	210
S04	1.4	1100	60
S05	2.6	13000	1200
S06	2.1	5900	460
T01	1.5	19000	1100
T02	1.9	6400	440
T03	3.2	2100	250
T04	1.7	680	43
TOTALS	1.8	130000	8500

^ Areas with insufficient delineation.