

APPENDIX A

DEVELOPMENT SCENARIO TUFLOW RESULTS

(Figures represent predicted values at the peak of each event)

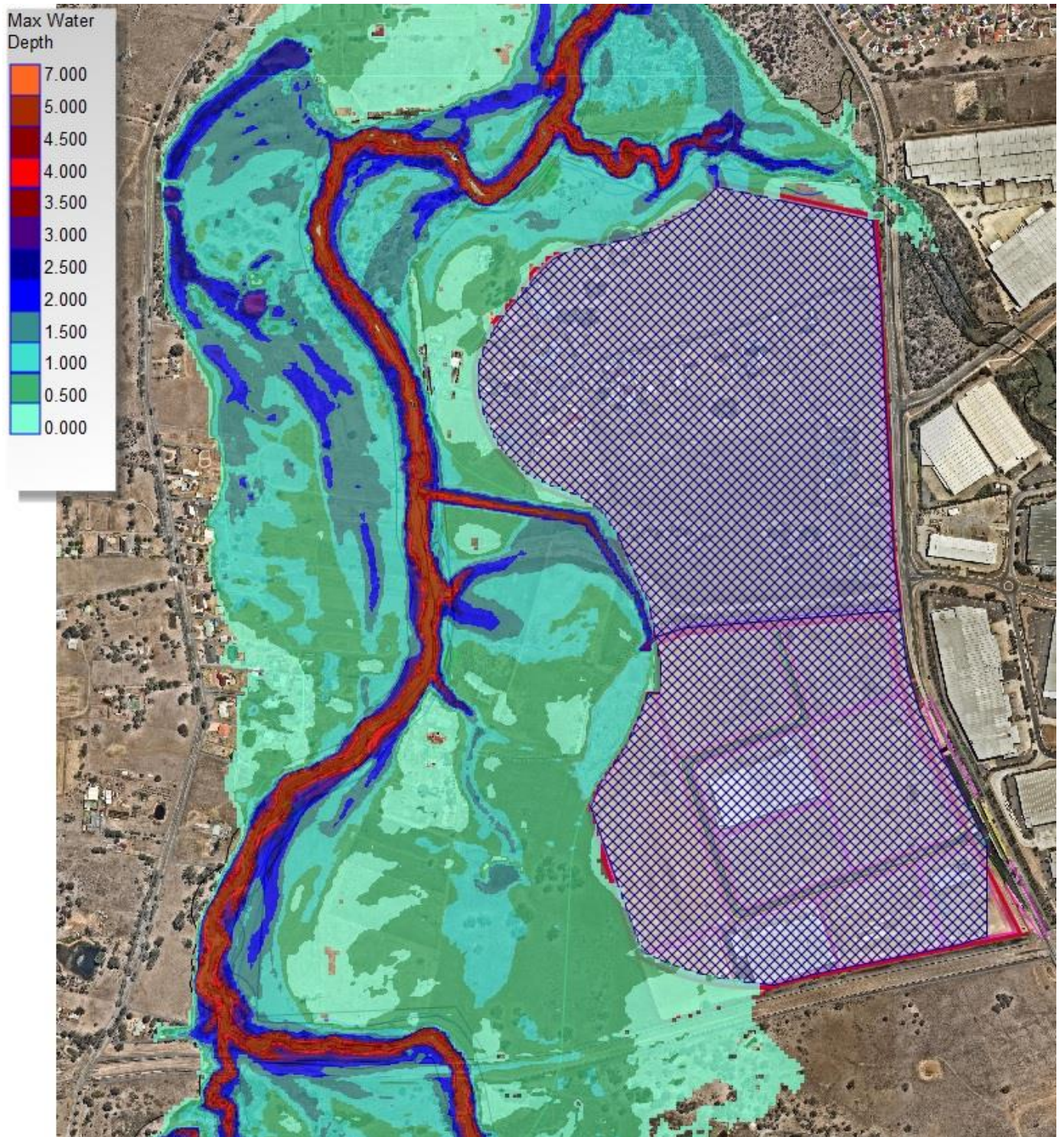


Figure A1 – 5% AEP Flood Depths

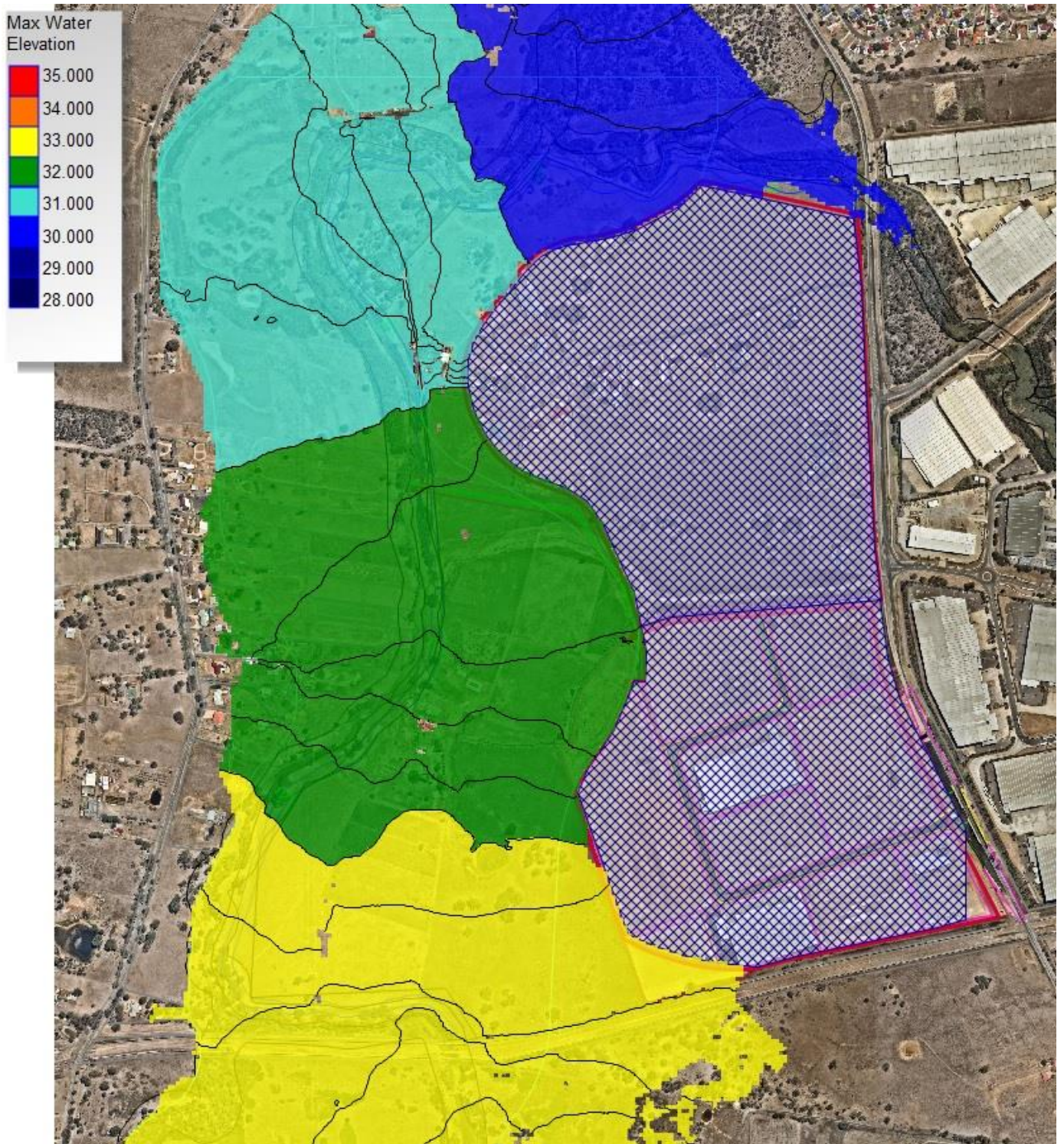


Figure A2 – 5% AEP Flood Levels

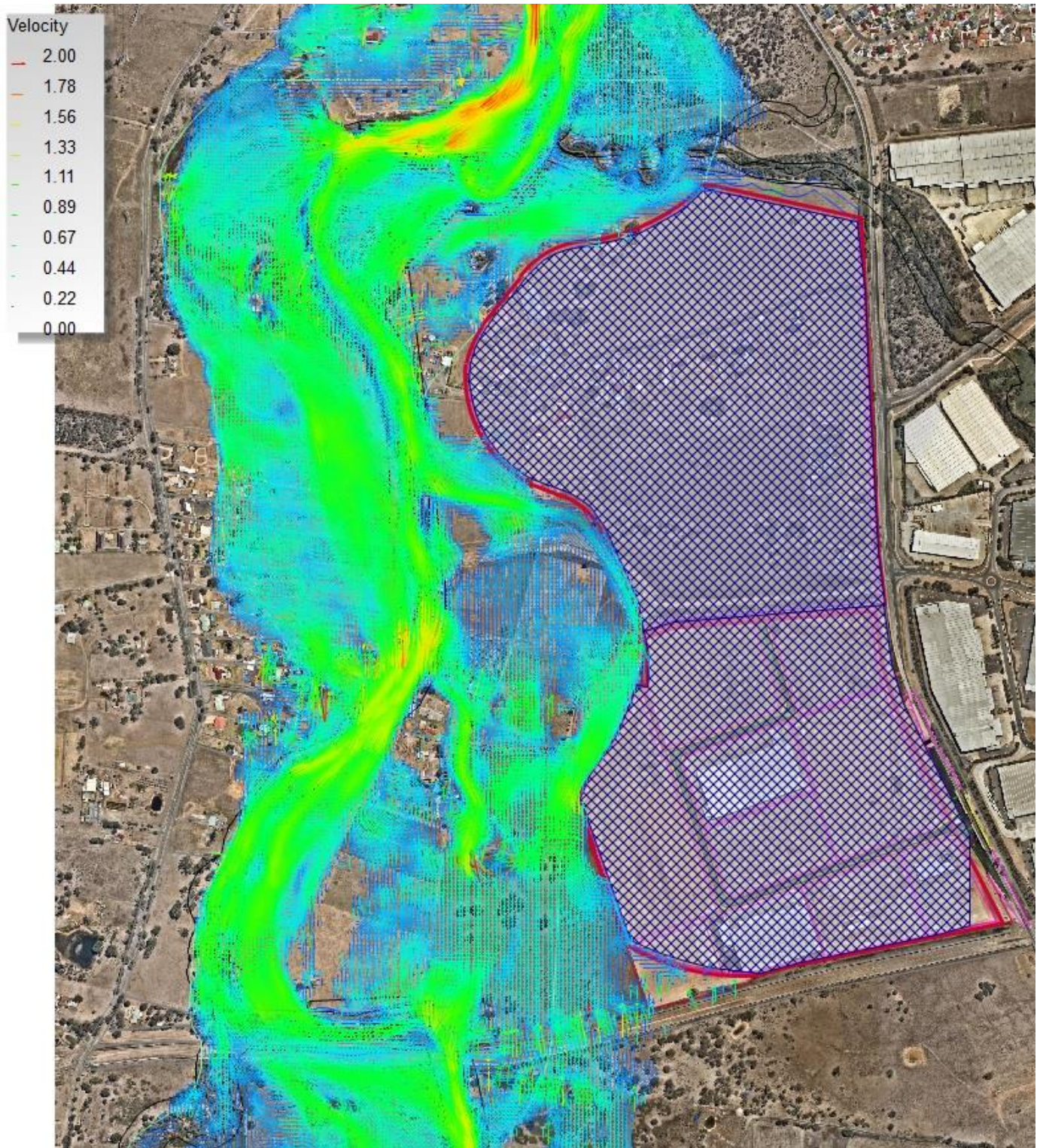


Figure A3 – 5% AEP Flood Velocity

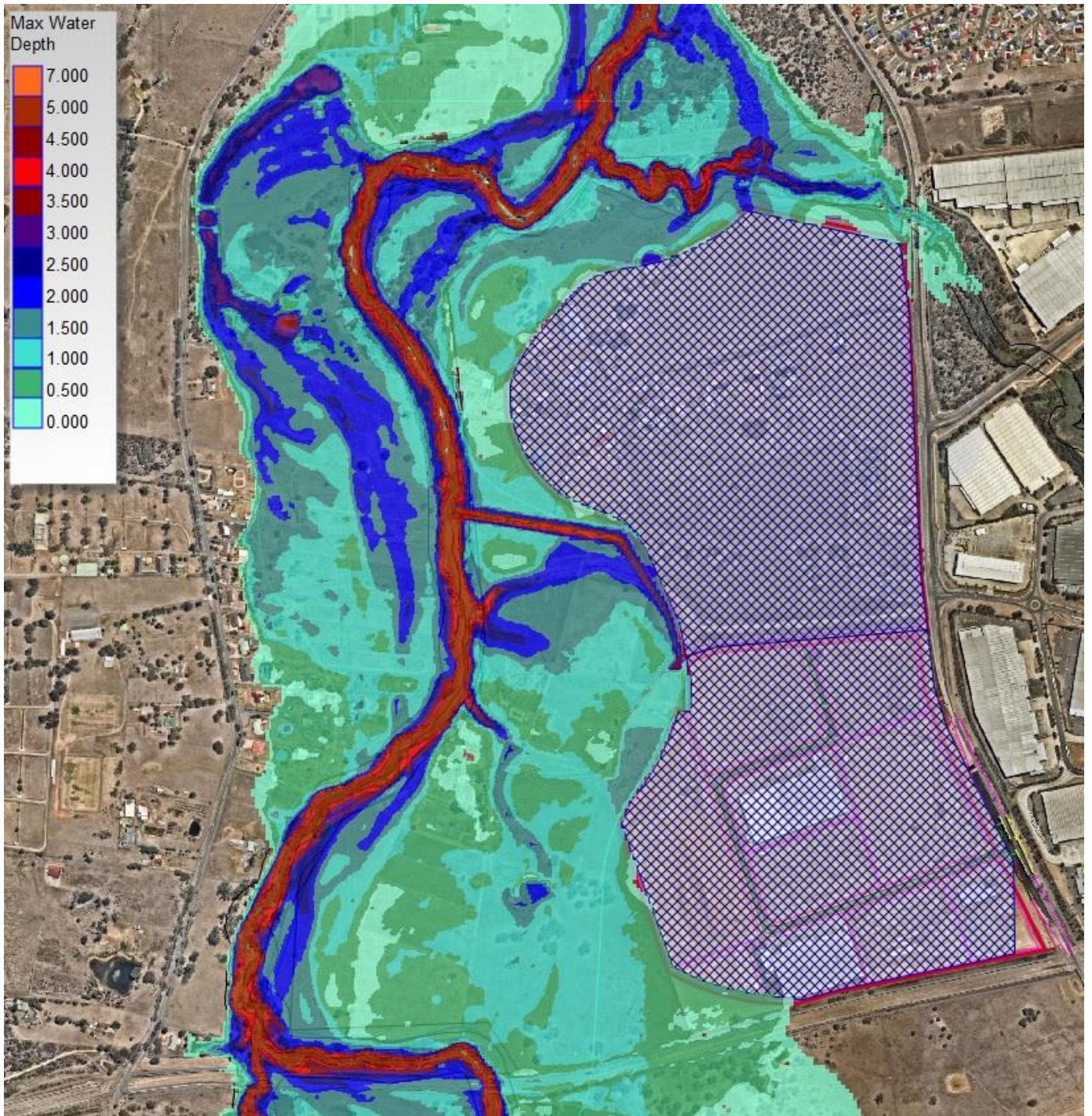


Figure A4 – 1% AEP Flood Depth

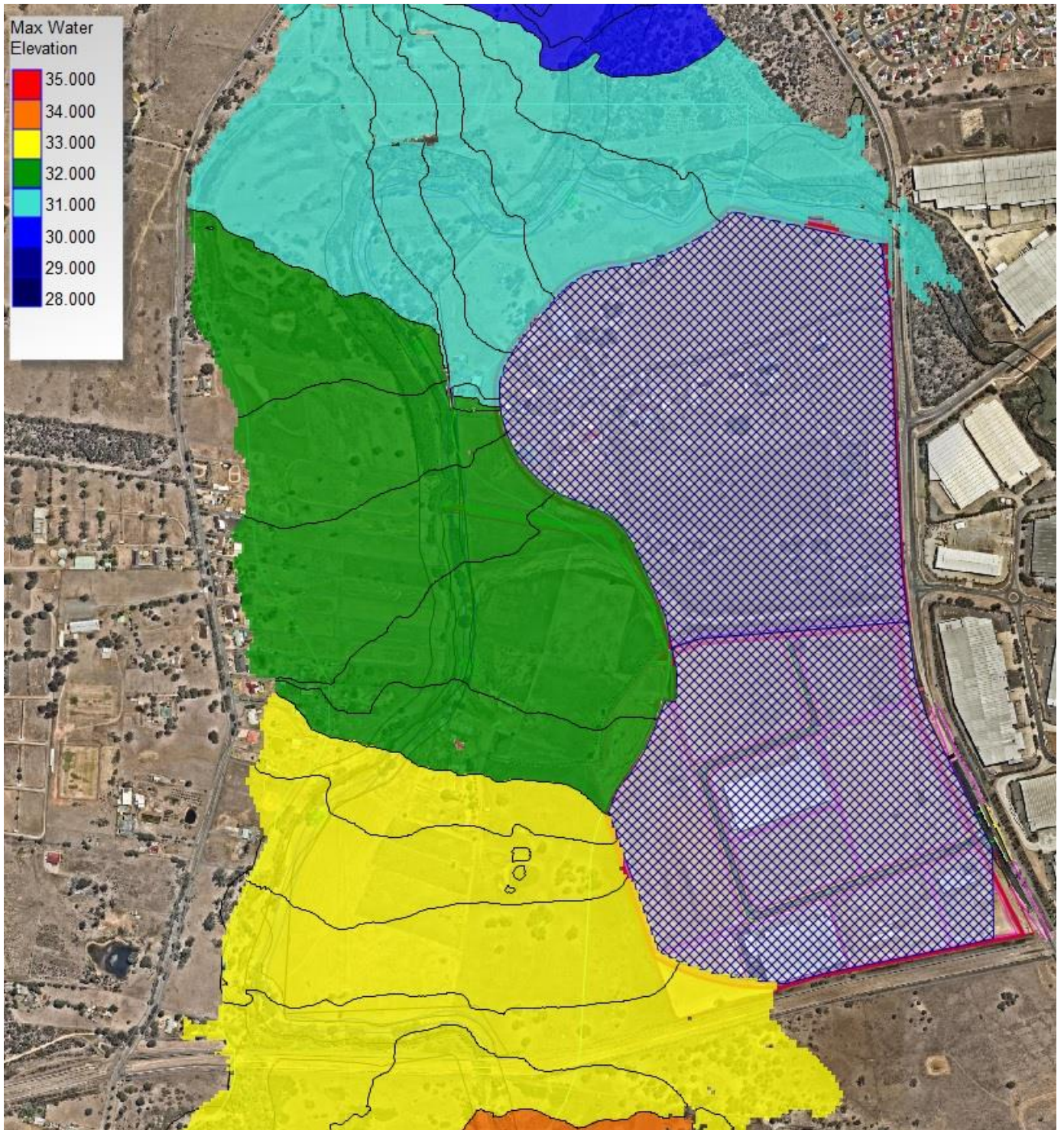


Figure A5 – 1% AEP Flood Levels

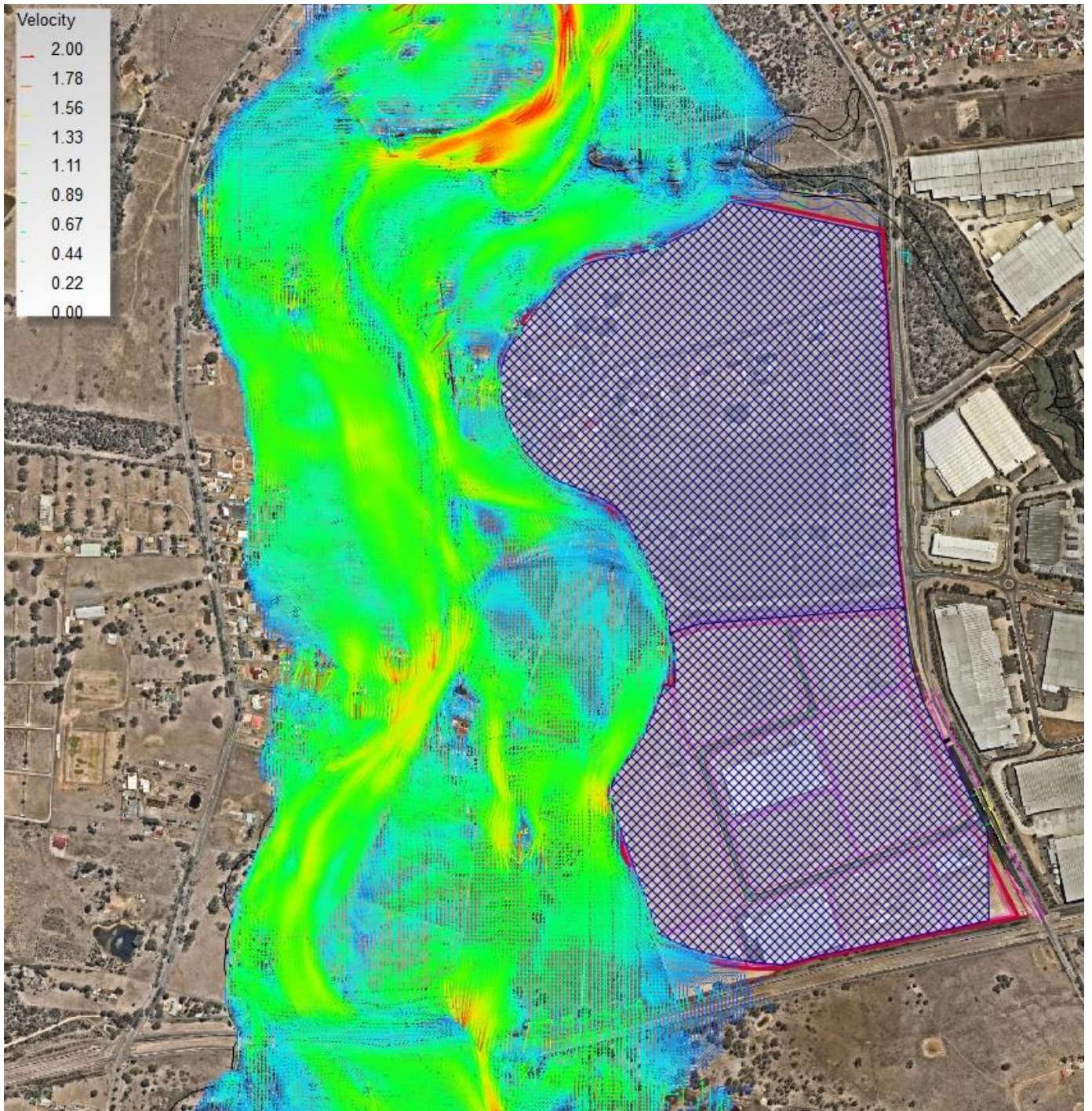


Figure A6 – 1% AEP Flood Velocity

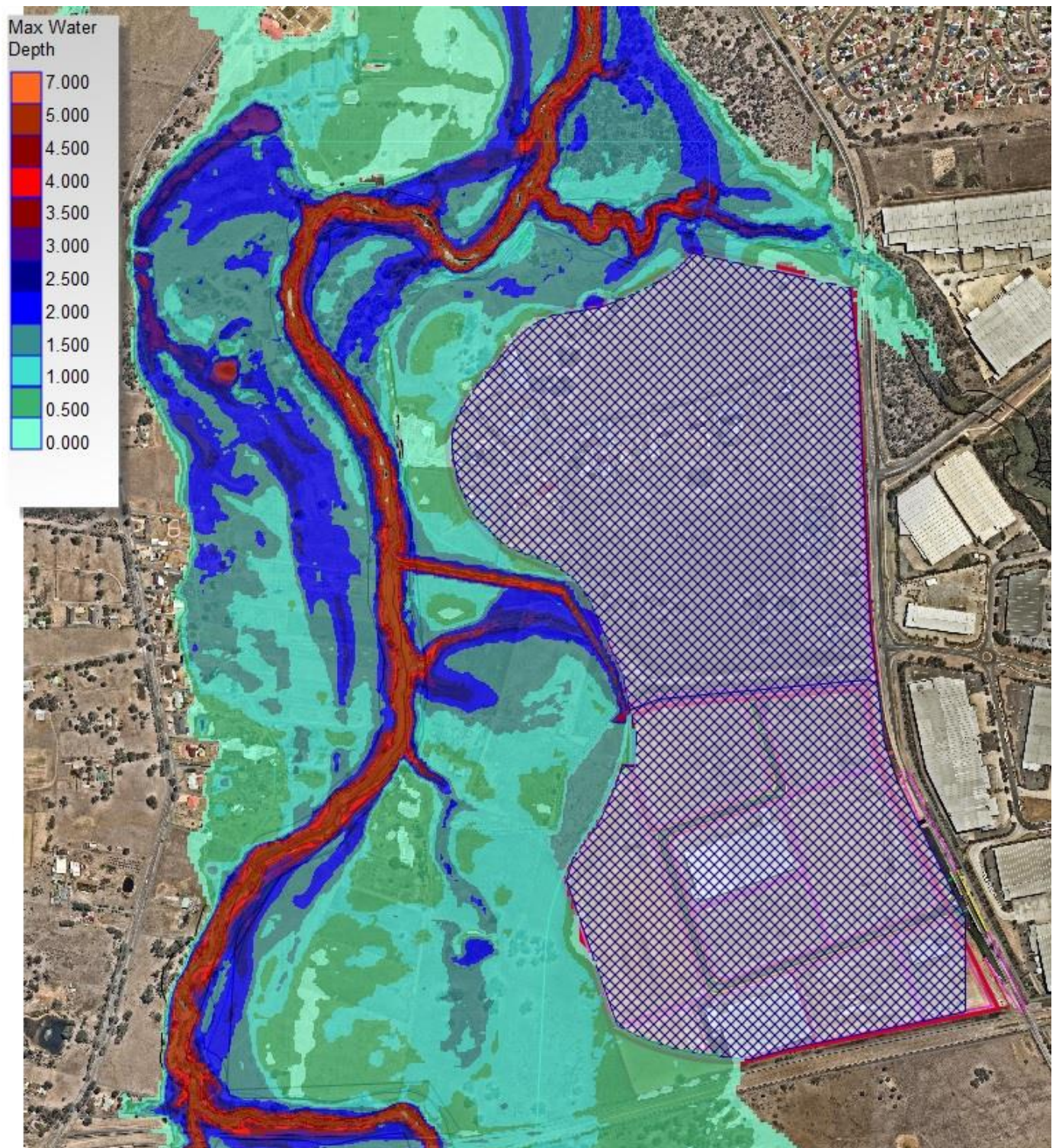


Figure A7 – 0.5% AEP Flood Depth

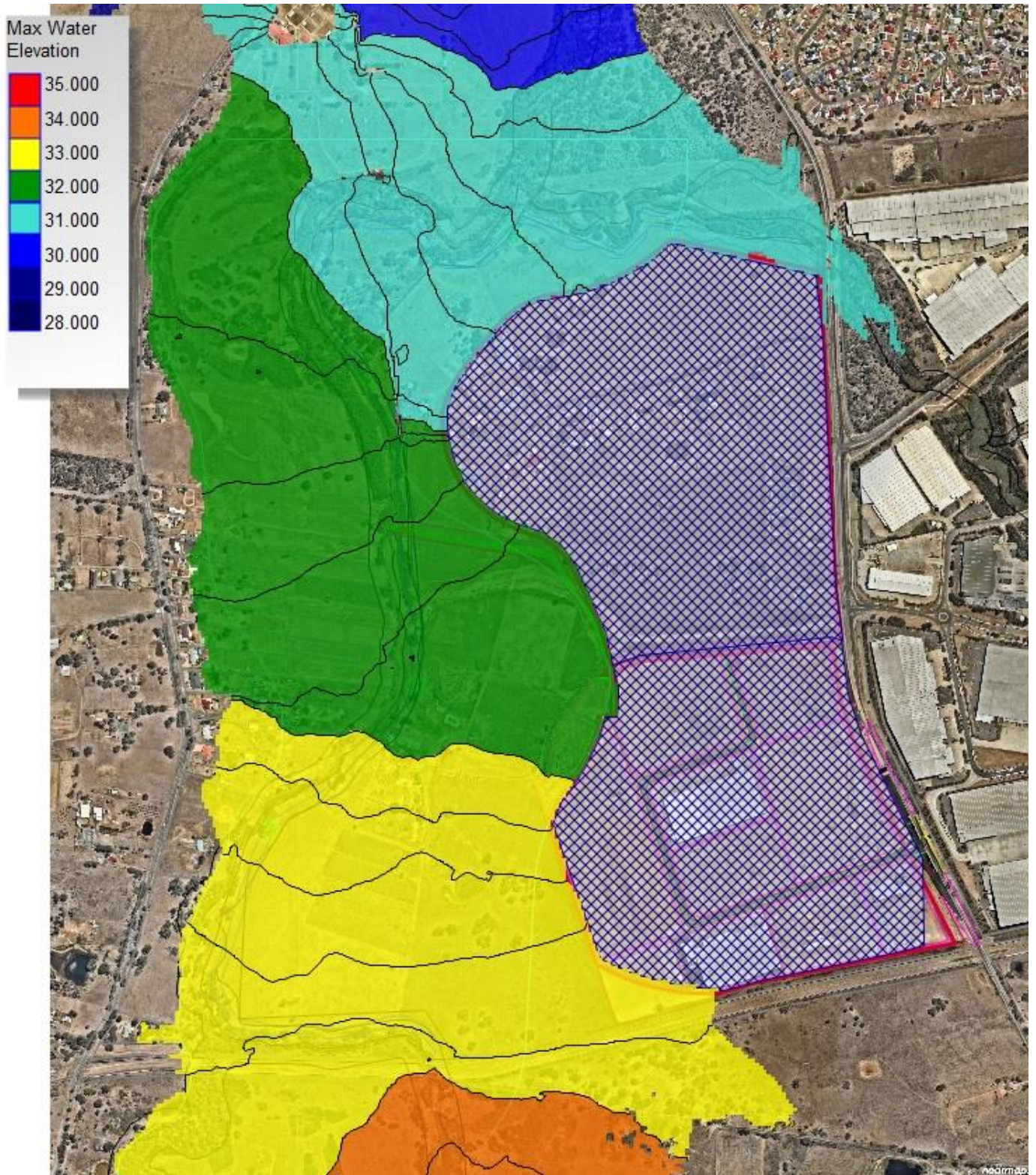


Figure A8 – 0.5% AEP Flood Levels

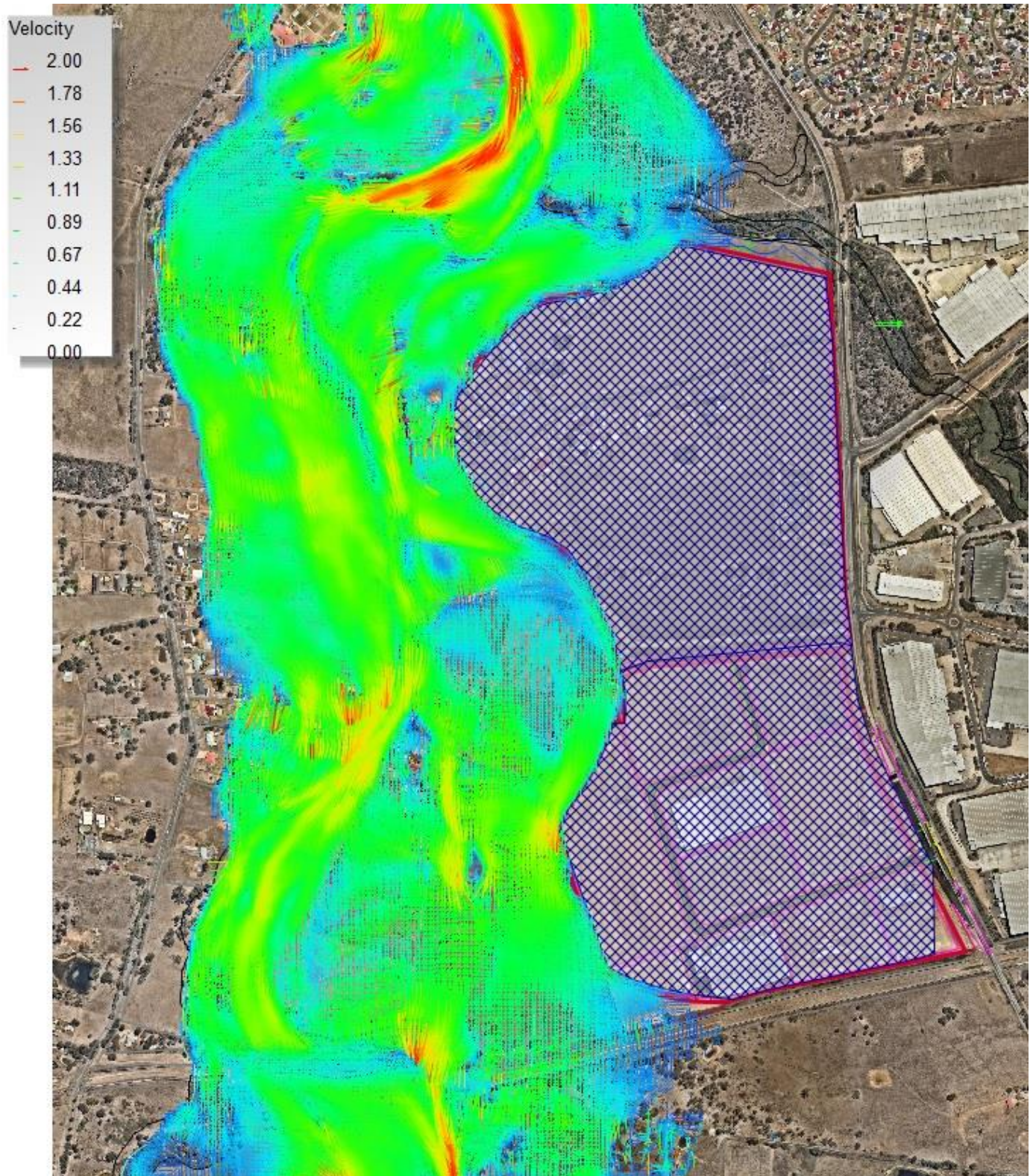


Figure A9 – 0.5% AEP Flood Velocity

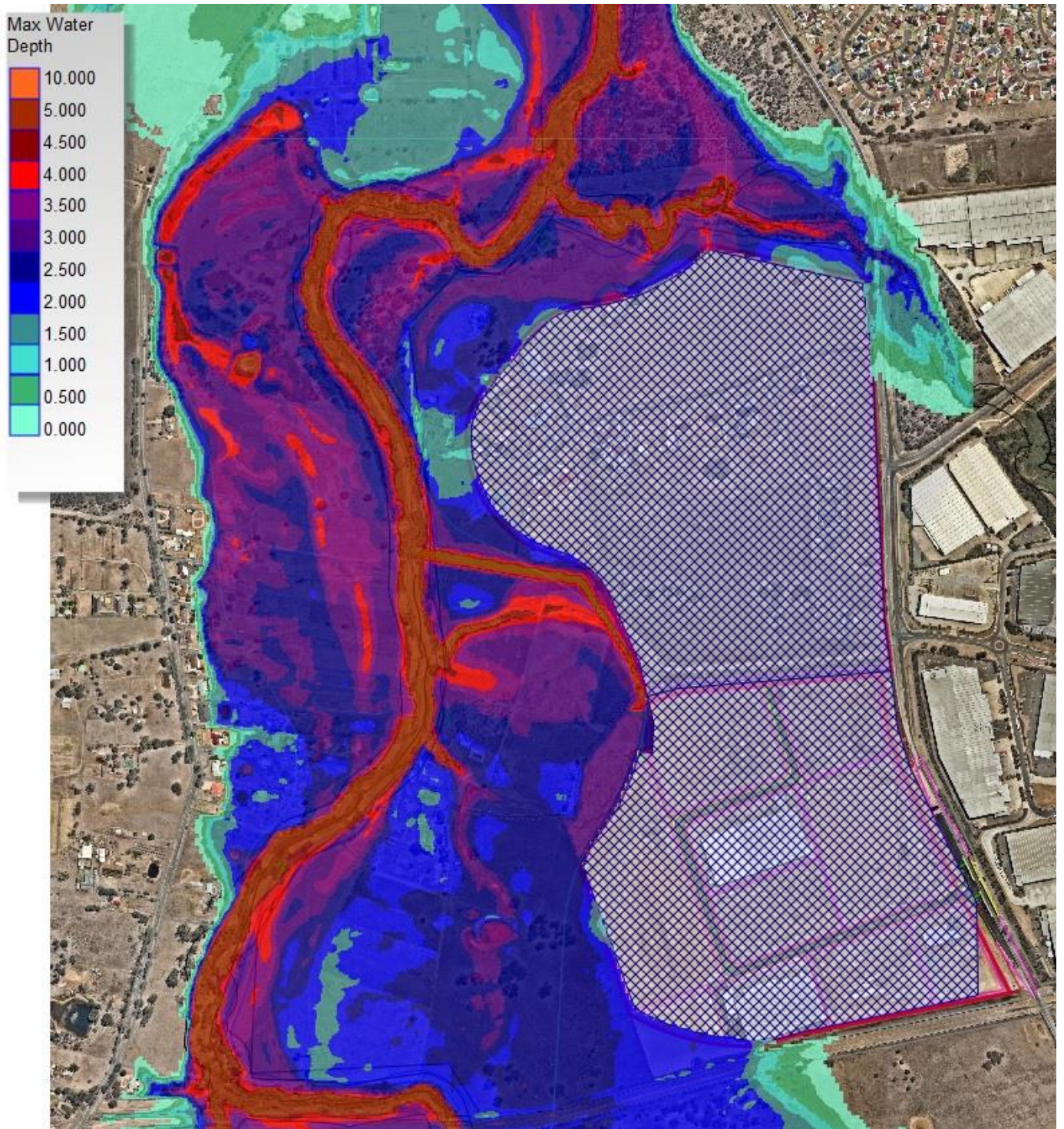


Figure A10 – PMF Flood Depth

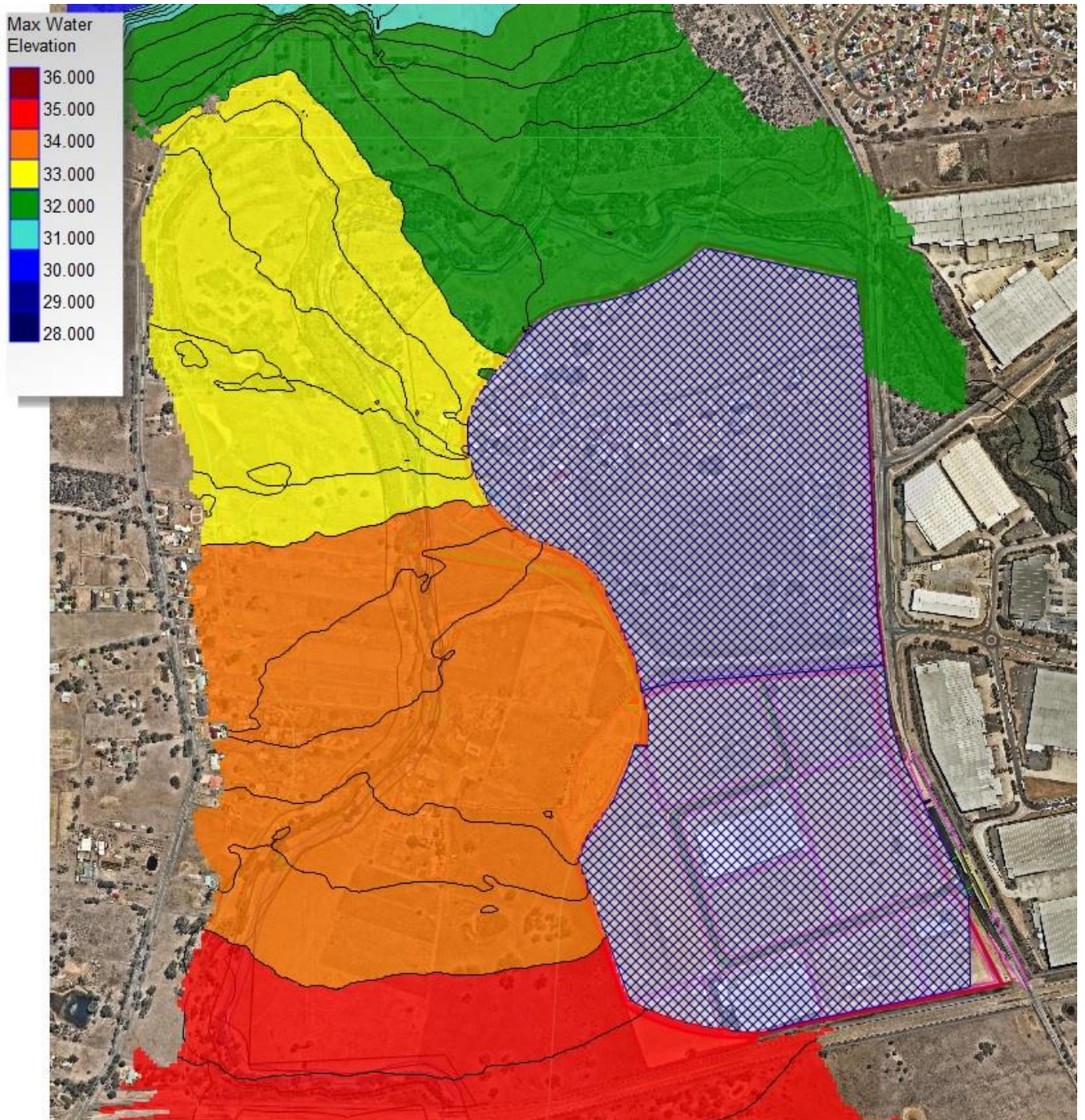


Figure A11 – PMF Flood Levels

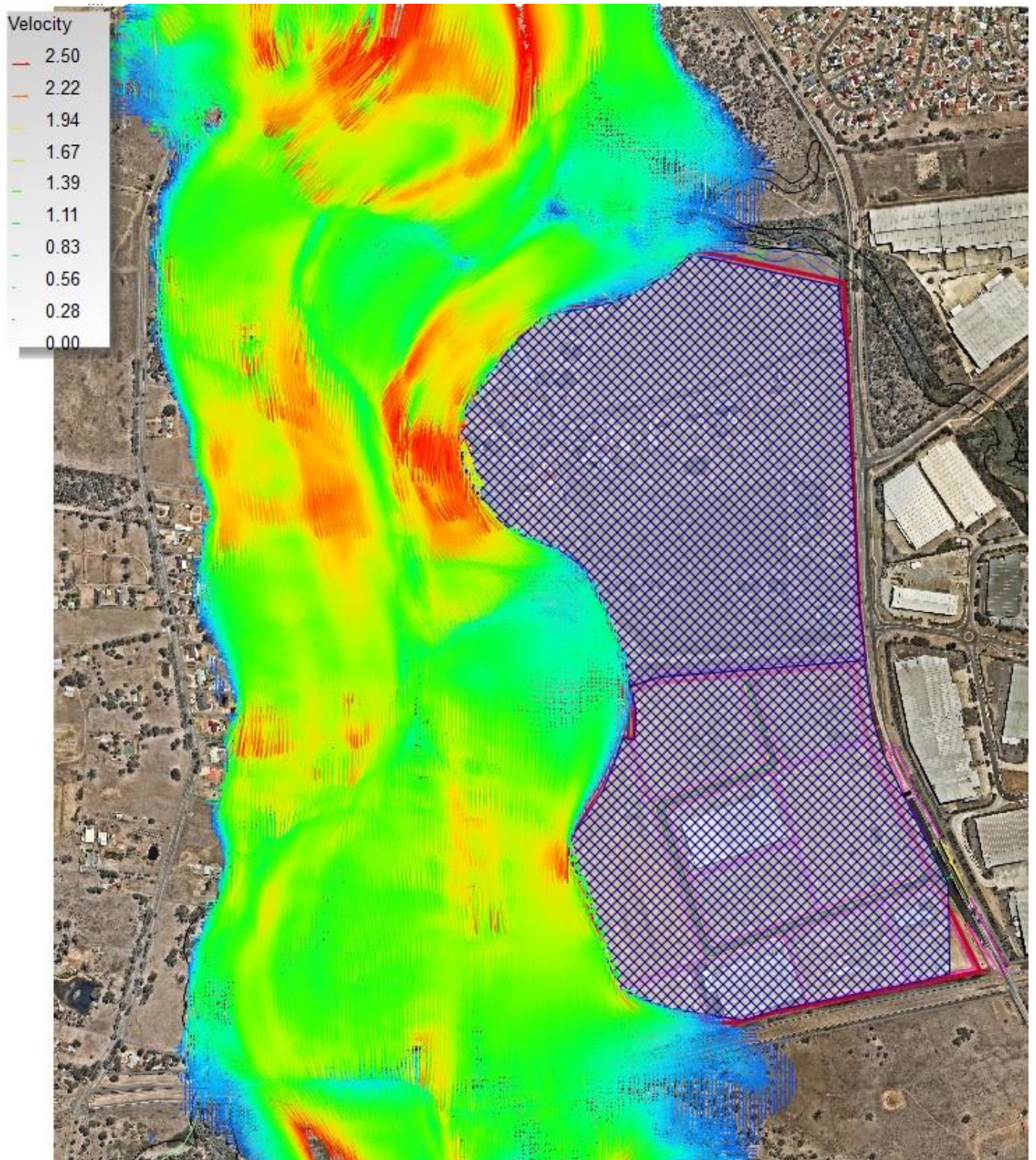
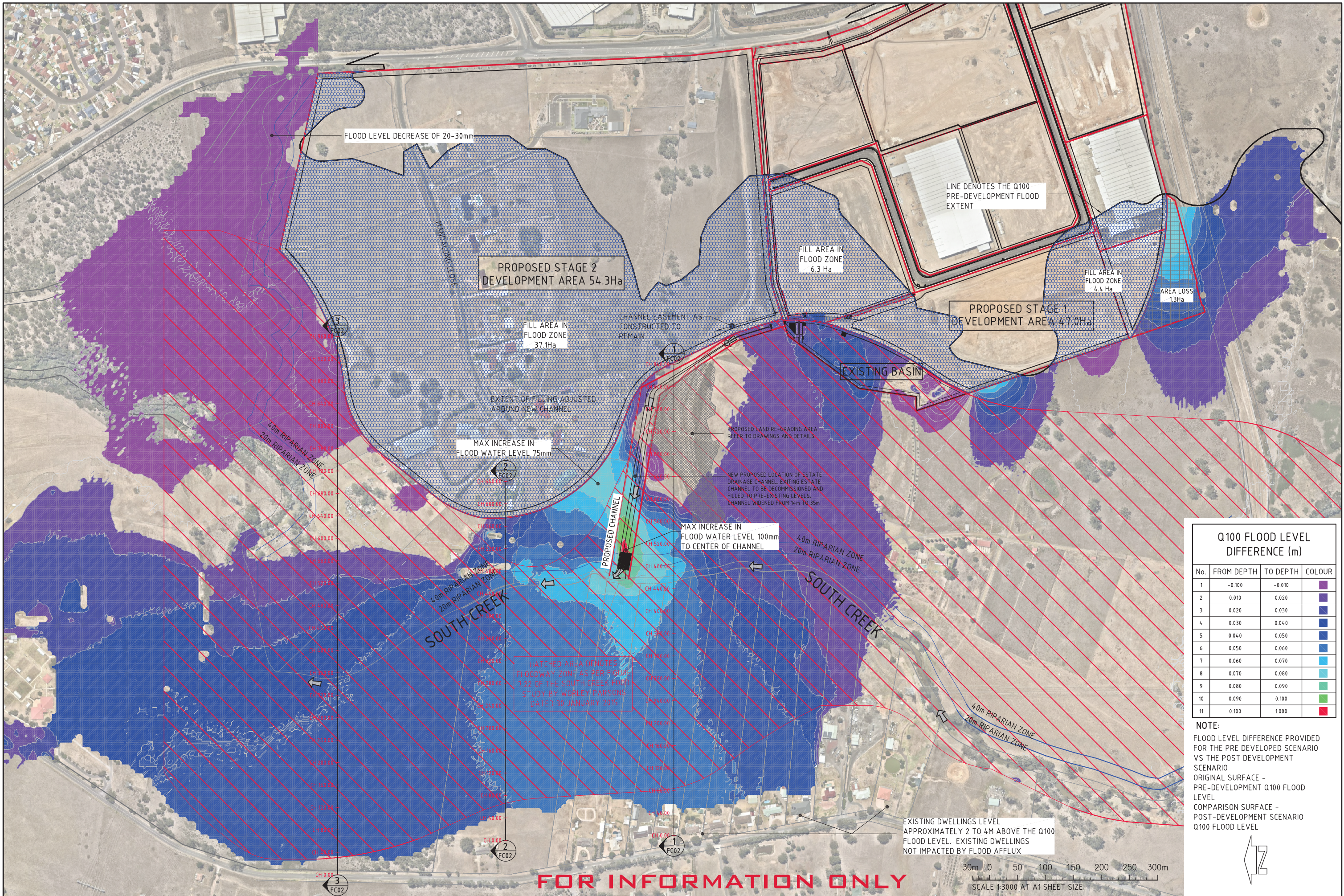


Figure A12 – PMF Flood Velocity



Q100 FLOOD LEVEL DIFFERENCE (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-0.100	-0.010	
2	0.010	0.020	
3	0.020	0.030	
4	0.030	0.040	
5	0.040	0.050	
6	0.050	0.060	
7	0.060	0.070	
8	0.070	0.080	
9	0.080	0.090	
10	0.090	0.100	
11	0.100	1.000	

NOTE:
FLOOD LEVEL DIFFERENCE PROVIDED FOR THE PRE DEVELOPED SCENARIO VS THE POST DEVELOPMENT SCENARIO
ORIGINAL SURFACE - PRE-DEVELOPMENT Q100 FLOOD LEVEL
COMPARISON SURFACE - POST-DEVELOPMENT SCENARIO Q100 FLOOD LEVEL



REVISED FOR LAND RE-GRADING	08.06.18	E
FILLING LINE REVISED	27.04.18	D
FOR INFORMATION ONLY	11.04.18	C
FOR INFORMATION ONLY	04.10.17	B
FOR INFORMATION ONLY	22.09.16	A
AMENDMENTS	DATE	ISSUE

CLIENT

HB+B
property

PROJECT
FLOOD ANALYSIS
SOUTH CREEK NEAR MAMRE ROAD
ORCHARD HILLS, NSW

CONSULT AUSTRALIA

DESIGNED M.C. DRAWN M.C. DATE 22.05.17 CHECKED M.W. SIZE A1 SCALE AS SHOWN CAD REF: C012042.05-FC01

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PRECISION | COMMUNICATION | ACCOUNTABILITY

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DRAWING TITLE
Q100 A.R.I FLOOD LEVEL AFFLUX
POST DEVELOPMENT SCENARIO

DRAWING No C012042.05-FC01

ISSUE E