

[illegible][illegible]

GT GARDINER & THEOBALD	Project Manager
CBRE	Planning Consultant

LANG O'ROURKE



Design Consultant

PATTERN

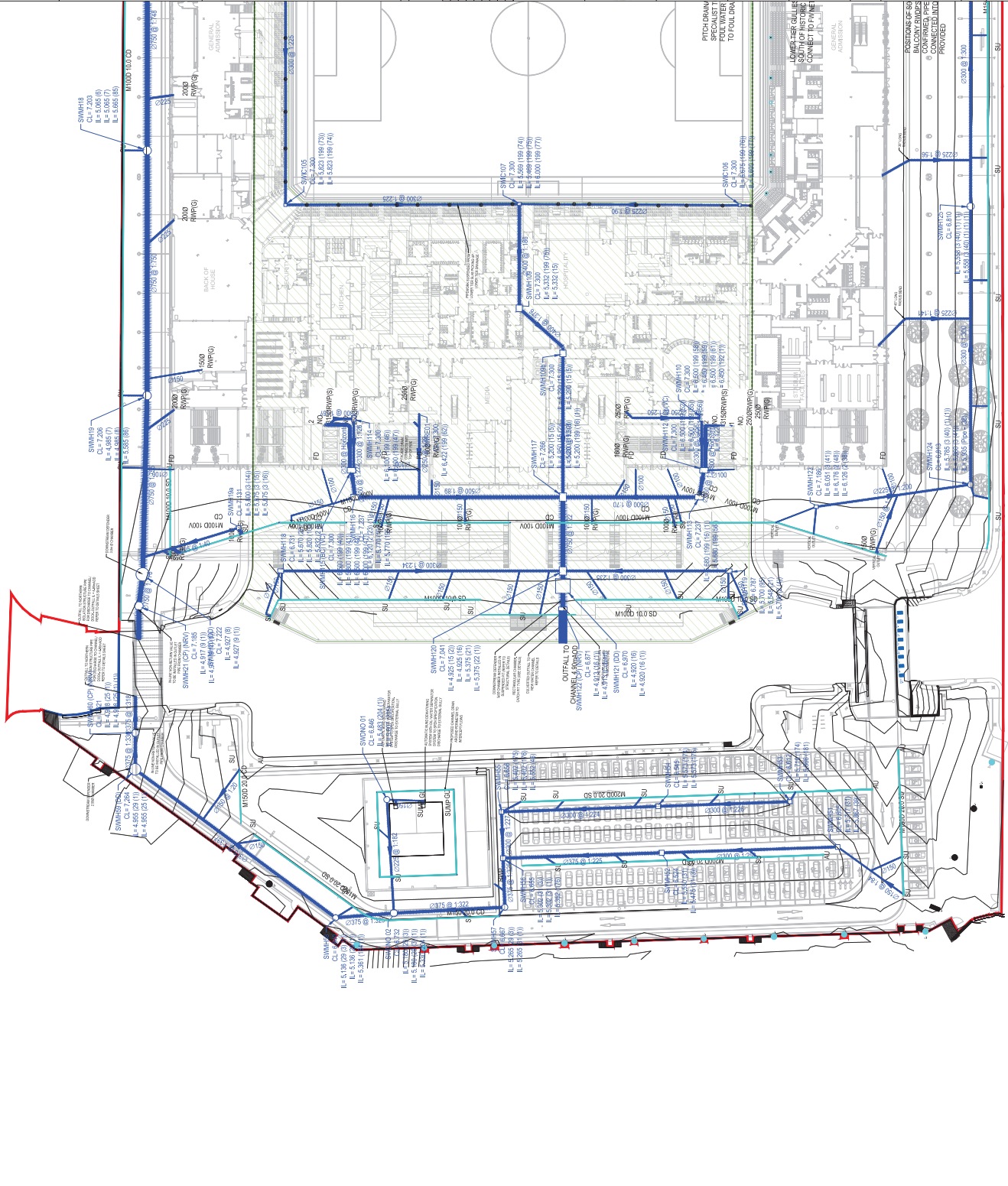
Structural / MEP / Infrastructure

BURO HAPPOLD

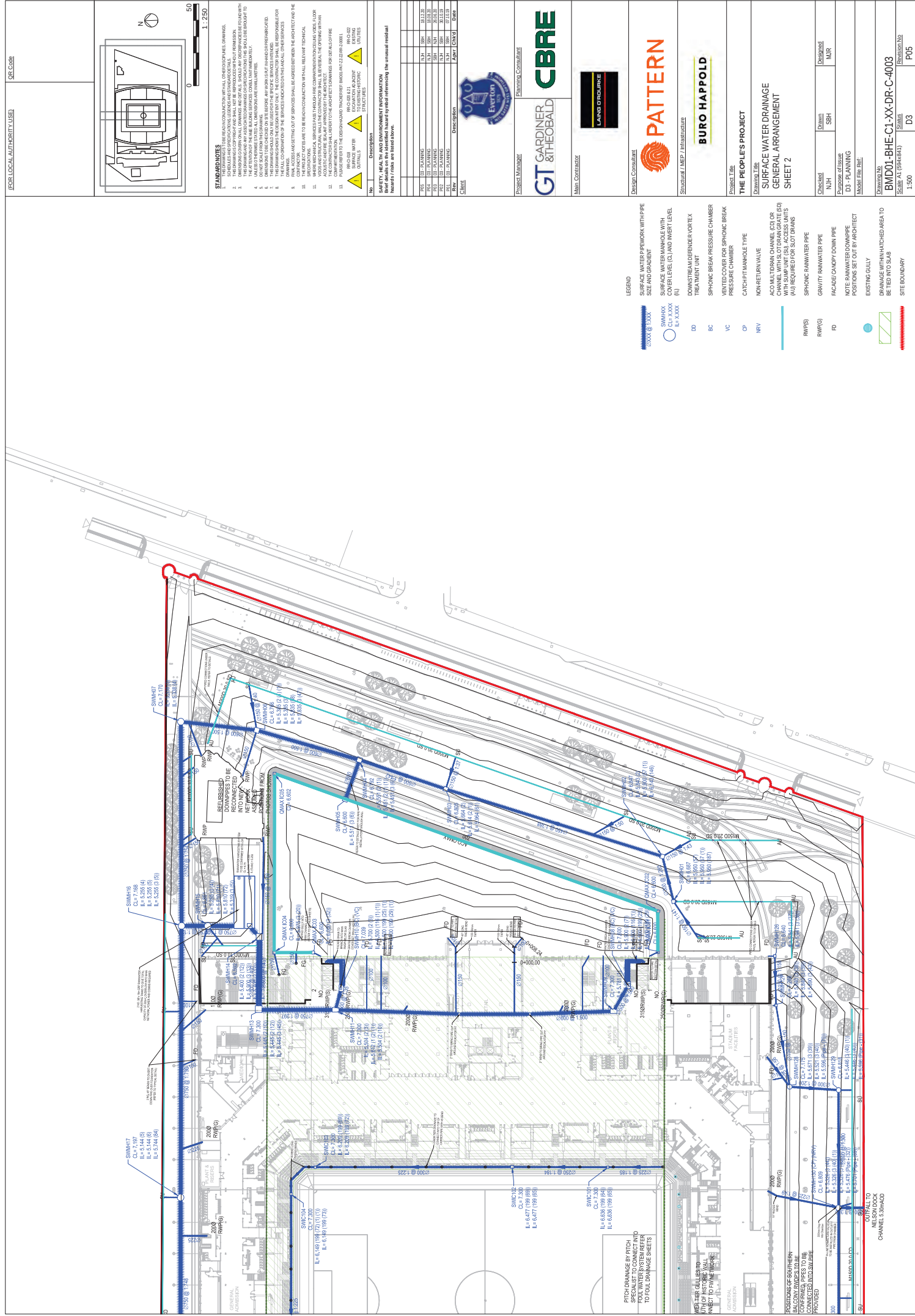
Project Title	THE PEOPLE'S PROJECT
Drawing Title	

Checked	Drawn	Designed	Purpose of Issue
N/H	SBH	MJR	D3 - PLANNING

Drawing No		BMD01-BHE-C1-XX-DR-C-4002	
Scale A1 (50x841)	Status	Revision No	P05
1-500	D3		



- | LEGEND | | |
|---|---------------------|--|
|  | XXXXX @ XXXX | SURFACE WATER DRAINAGE WITH PIPE SIZE AND GRADIENT |
|  | SWX/XX
L = X.XXX | SURFACE WATER MANHOLE WITH PIPE SIZE, INLET, OUTLET AND INVERT LEVEL (A) |
|  | DD | DOWNSTREAM DEFENDER VORTEX PREVENTION UNIT |
|  | BC | SPHONIC BREAK PRESSURE CHAMBER |
|  | VC | VENTED COVER FOR SPHONIC BREAK PRESSURE CHAMBER |
|  | CP | CATCH PIT MANHOLE TYPE |
|  | NRV | NON-RETURN VALVE |
|  | | ADJUTANT TOWARD CHANNEL (CD) OR CHANNEL WITH SLOTTED DRAIN GRATE (SD) WITH RAMP UNIT (SU) ACCESS UNITS (A) REQUIRED FOR SLOTTED DRAINS |
|  | RWP(S) | SPHONIC RAINWATER PIPE |
|  | RMP(G) | GRAVITY RAINWATER PIPE |
|  | FD | FACTORY CASTOUT DOWN PIPE |
|  | NRW | NOTE: RAINWATER DOWNPIPE POSITIONS SET OUT BY ARCHITECT |
|  | G | EXISTING GULLY |
|  | | DRAINAGE WITH HATCHED AREA TO BE TIED INTO SLAB |
|  | | SITE BOUNDARY |





STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DISCIPLINES DRAWINGS.

- RR-Q 008 SURFACE WATER
OUTFALLS
- RR-Q 023 & 21 EXCAVATION ADJACENT
TO EXISTING HISTORIC
STRUCTURES
- RR-Q 022 EXISTING
UTILITIES

SAFETY, HEALTH AND ENVIRONMENT INFORMATION
brief details on the identified hazard symbol referencinglent

GT GARDINER & THEOBALD

LAING O'Rourke



EURO HAPPOLD

THE PEOPLE'S PROJECT

**SURFACE WATER EXCEEDANCE
FLOW ROUTES
ALL ZONES**

checked

BMD001-BHF-C1-XX-DB-C-4100

1.750	0.000 142 (0.0-140-42)
D3	

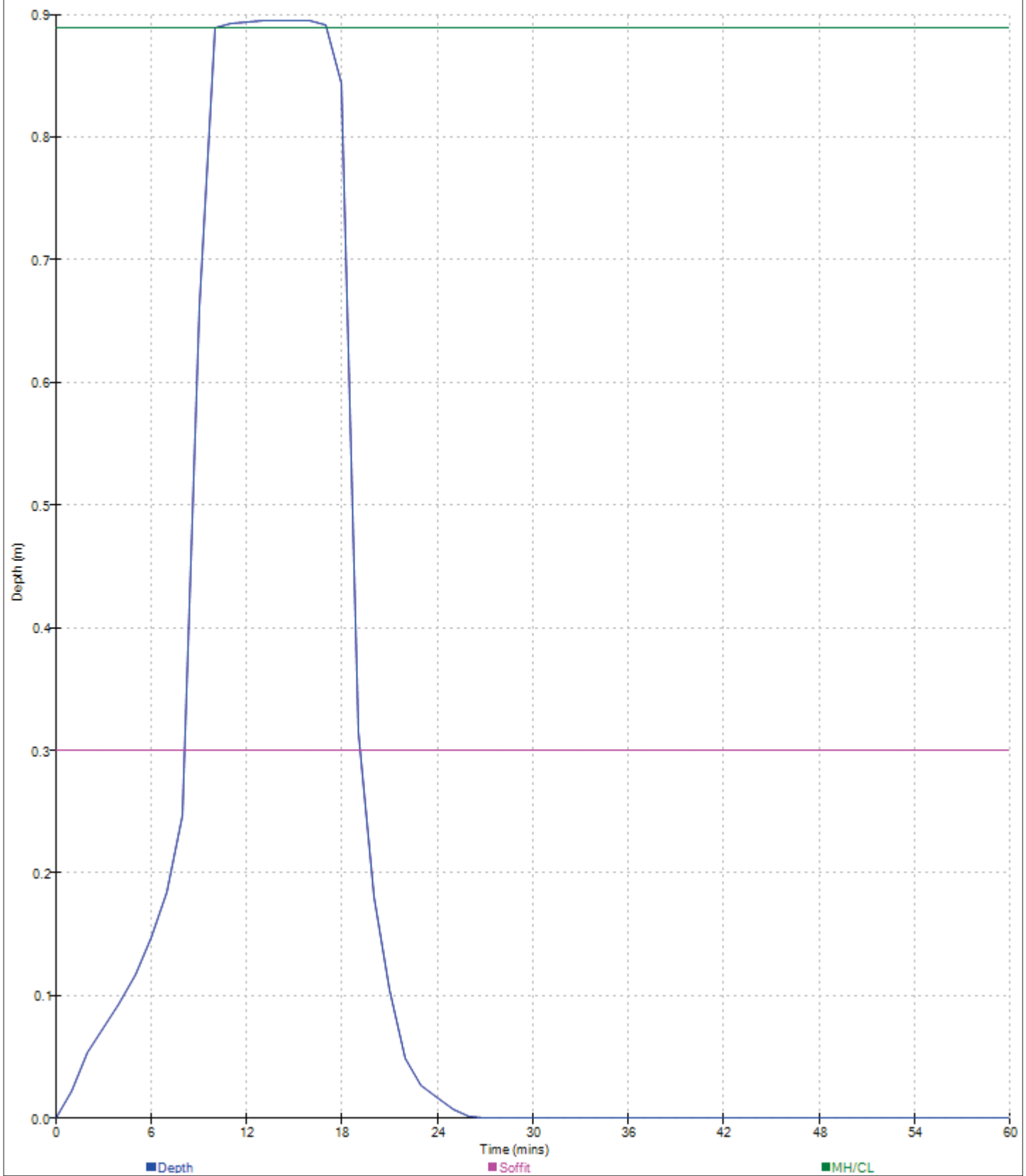
NOTES



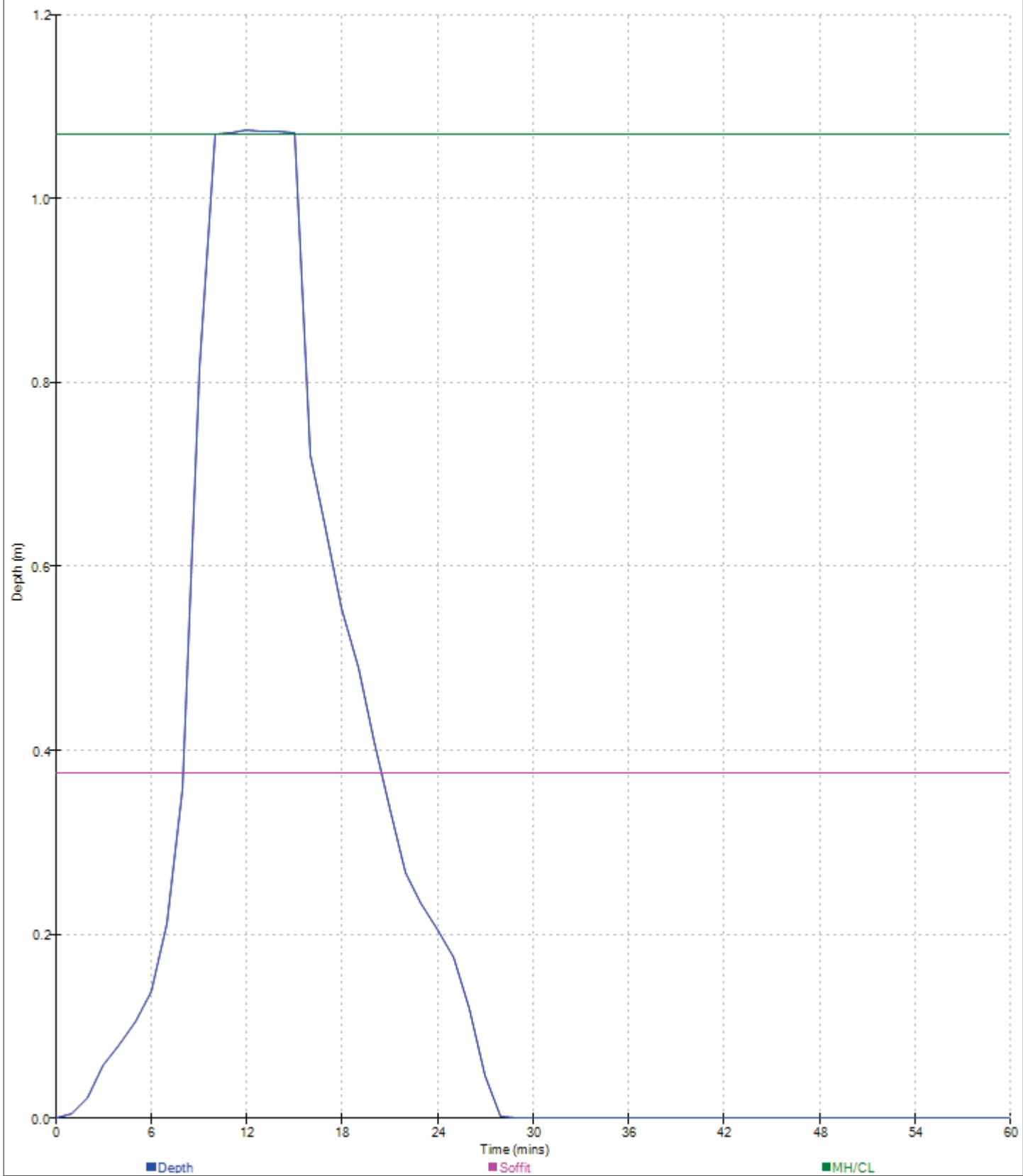
WATER PONDS TEMPORARILY
IN LOW REACH OF RIVER

Appendix D Network Pipe Capacity Graphs

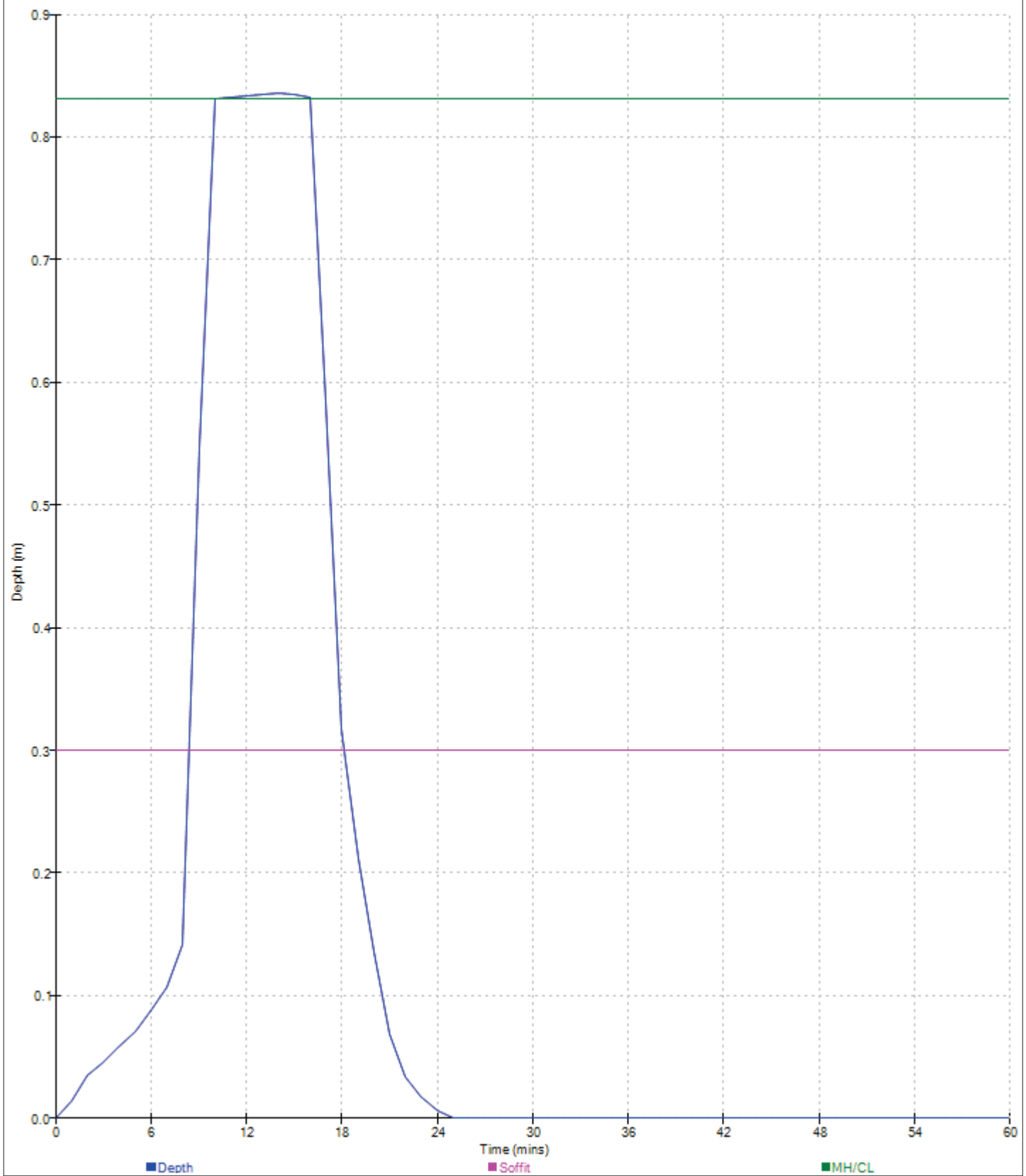
Graphs for Pipe 1.000 US/MH SWMH51 (SW CP)
15 minute 100 year Winter I+40%
Status: FLOOD



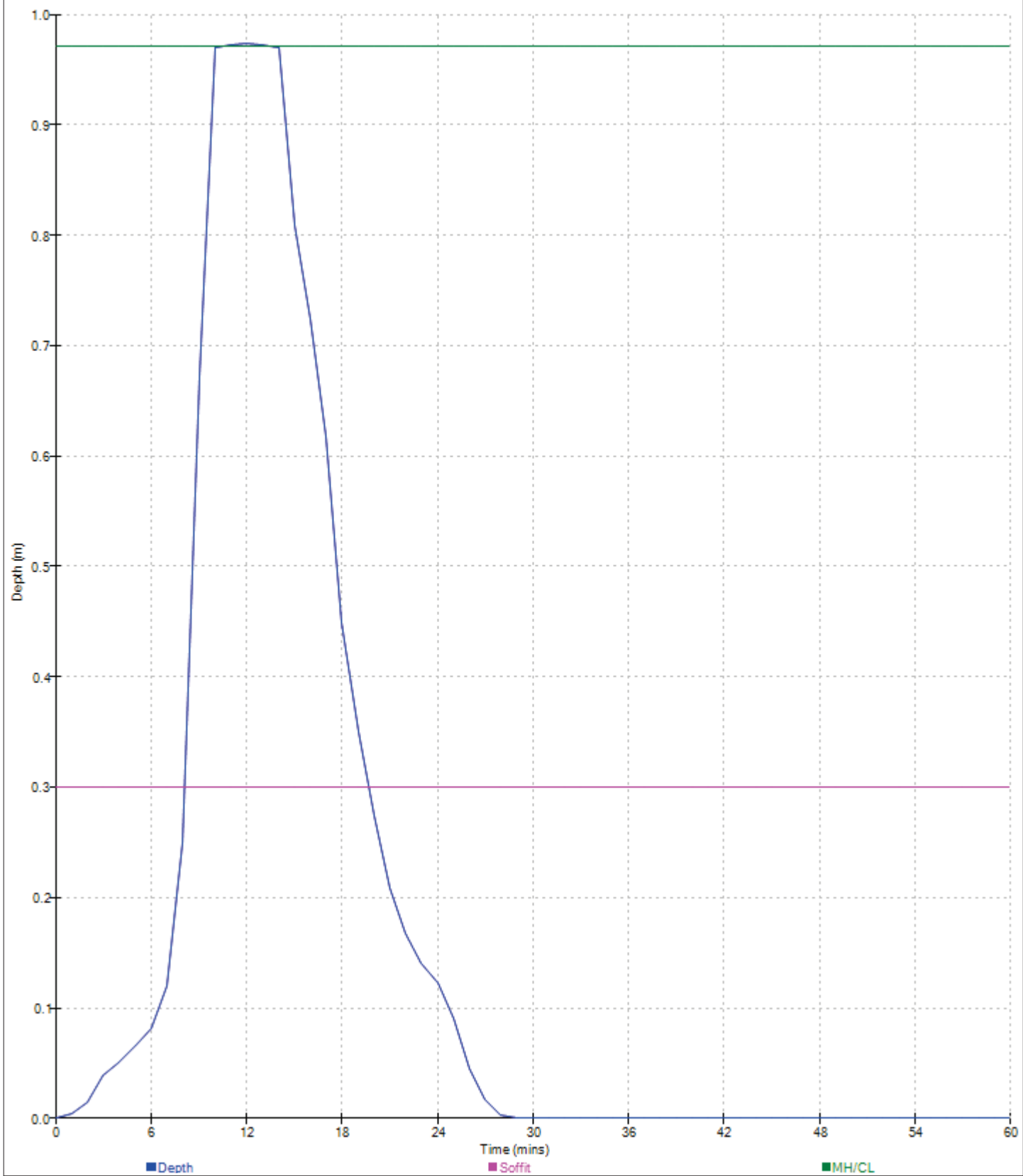
Graphs for Pipe 1.001 US/MH SWMH52 (SW CP)
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 Status: FLOOD



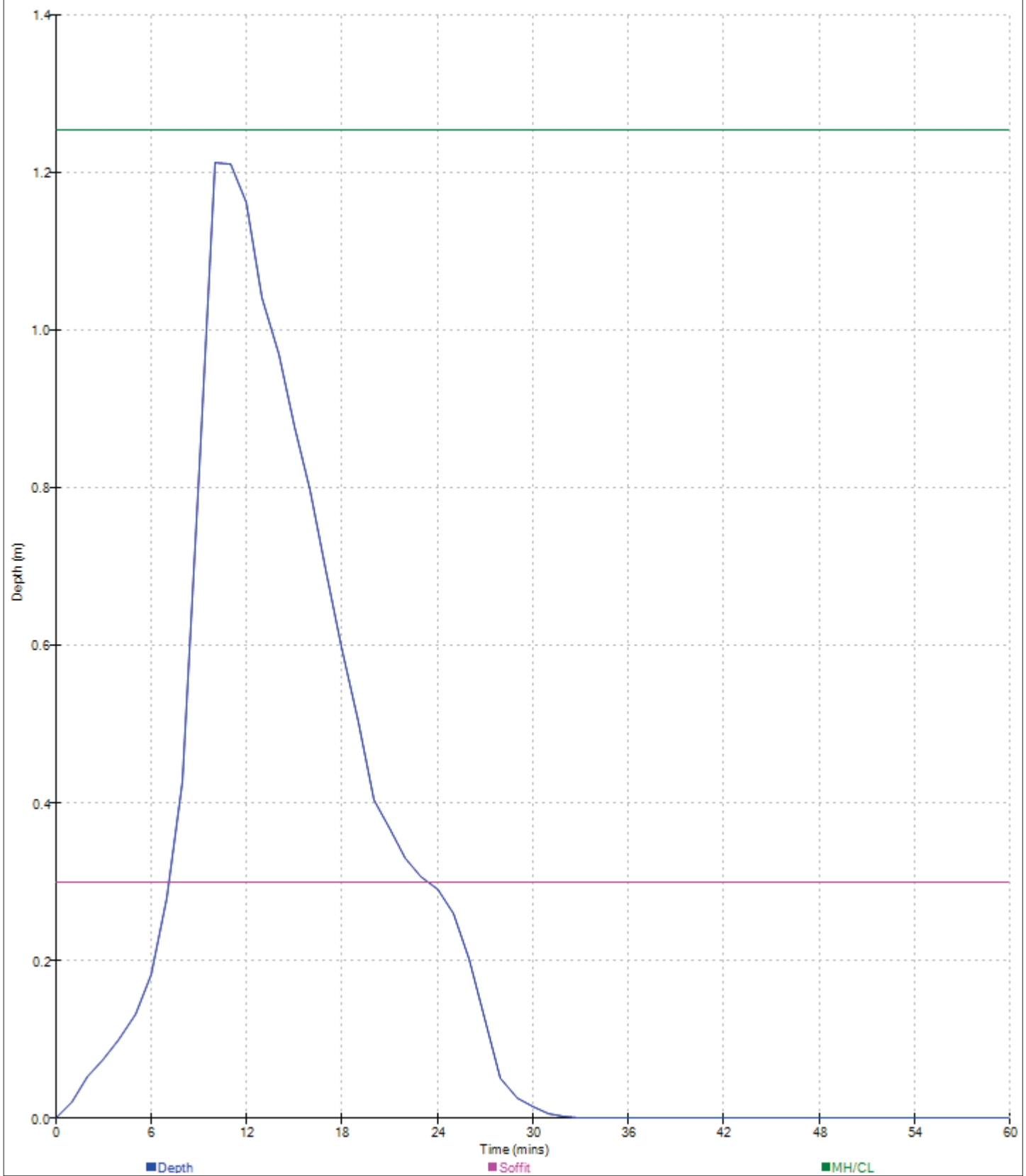
Graphs for Pipe 2.000 US/MH SWMH53 (SW CP)
15 minute 100 year Winter I+40%
Status: FLOOD



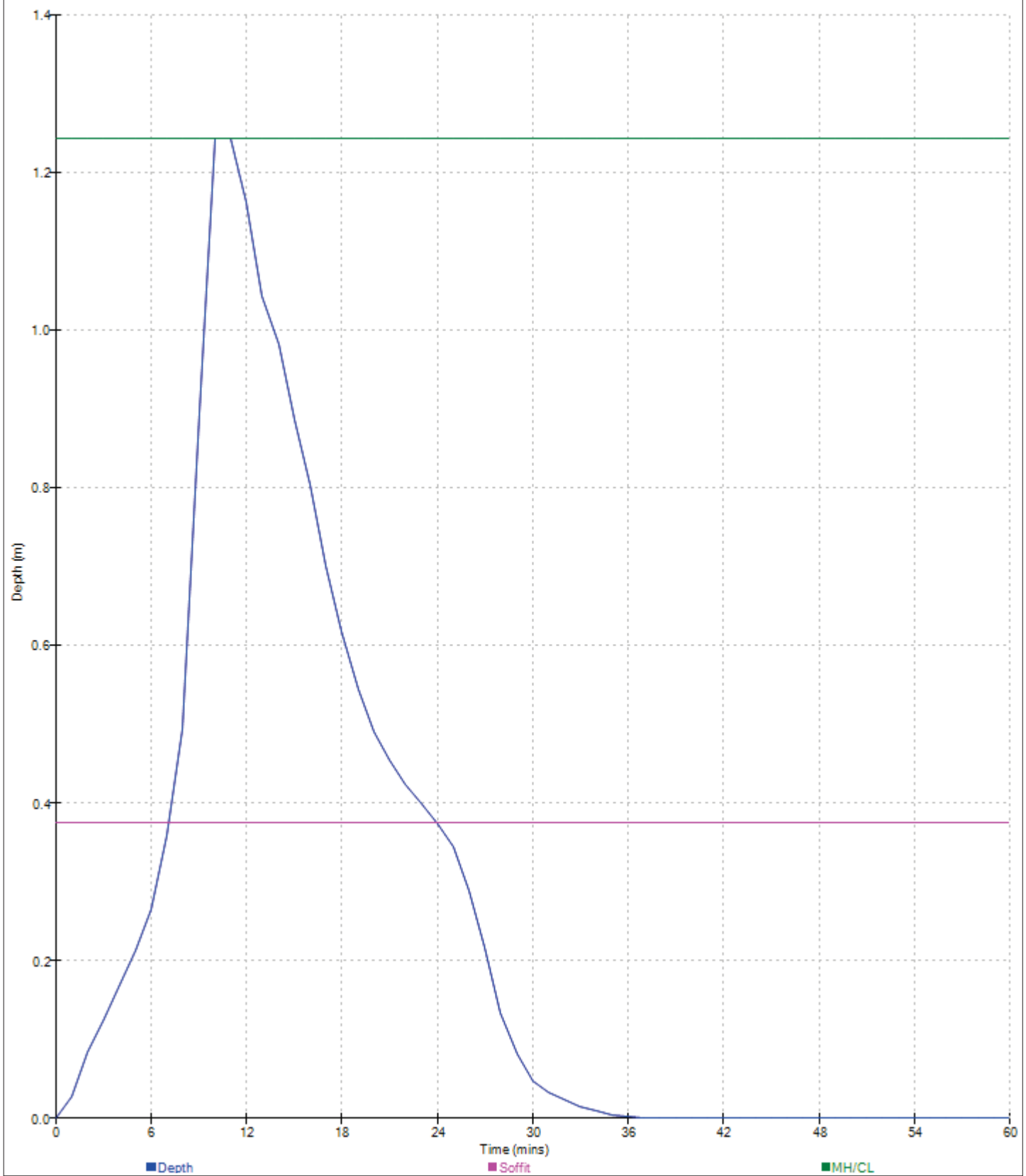
Graphs for Pipe 2.001 US/MH SWMH54 (SW CP)
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 Status: FLOOD



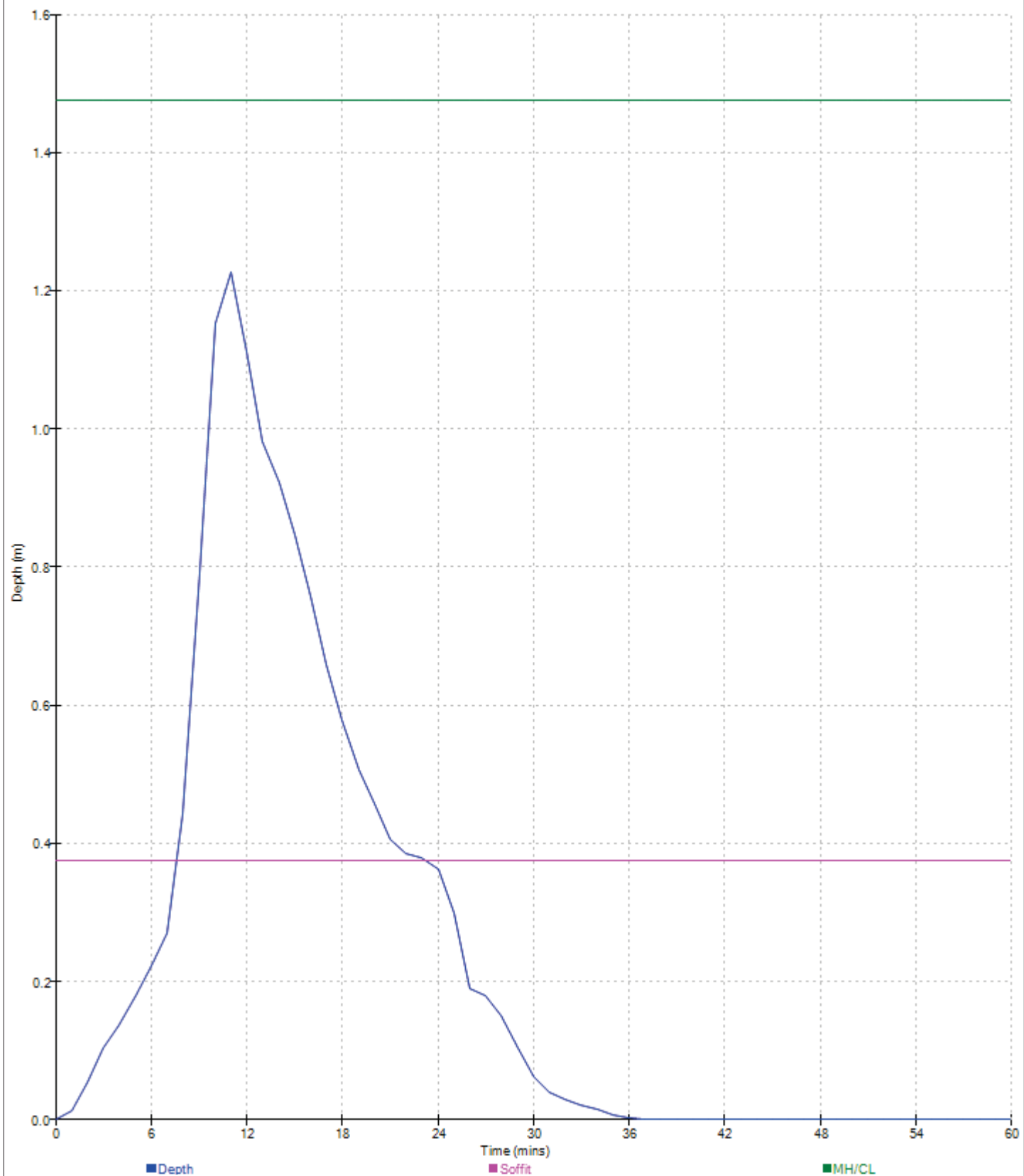
Graphs for Pipe 2.002 US/MH SWMH55 (SW CP)
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 Status: FLOOD RISK



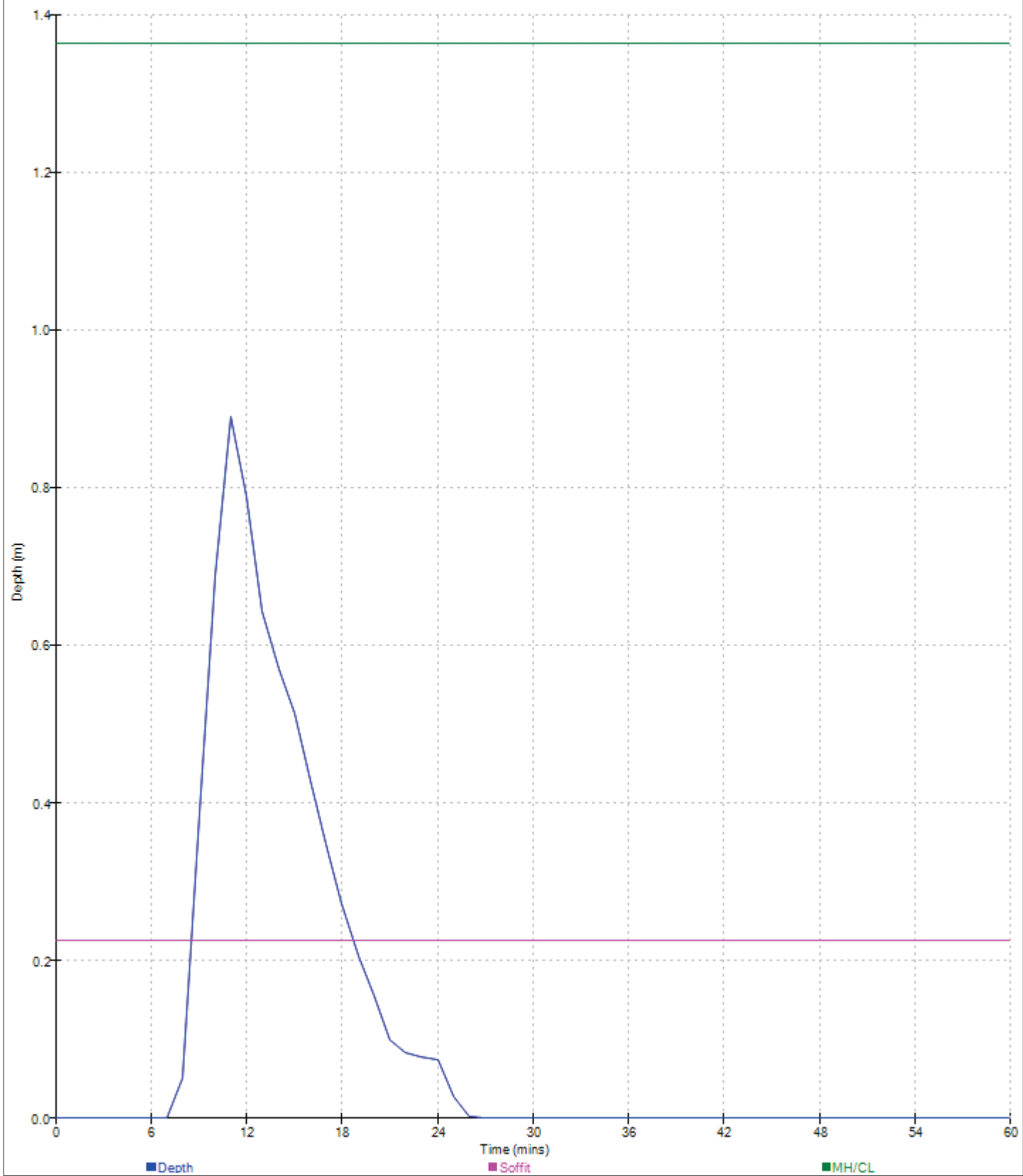
Graphs for Pipe 1.002 US/MH SWMH56 (SW CP)
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 Status: FLOOD



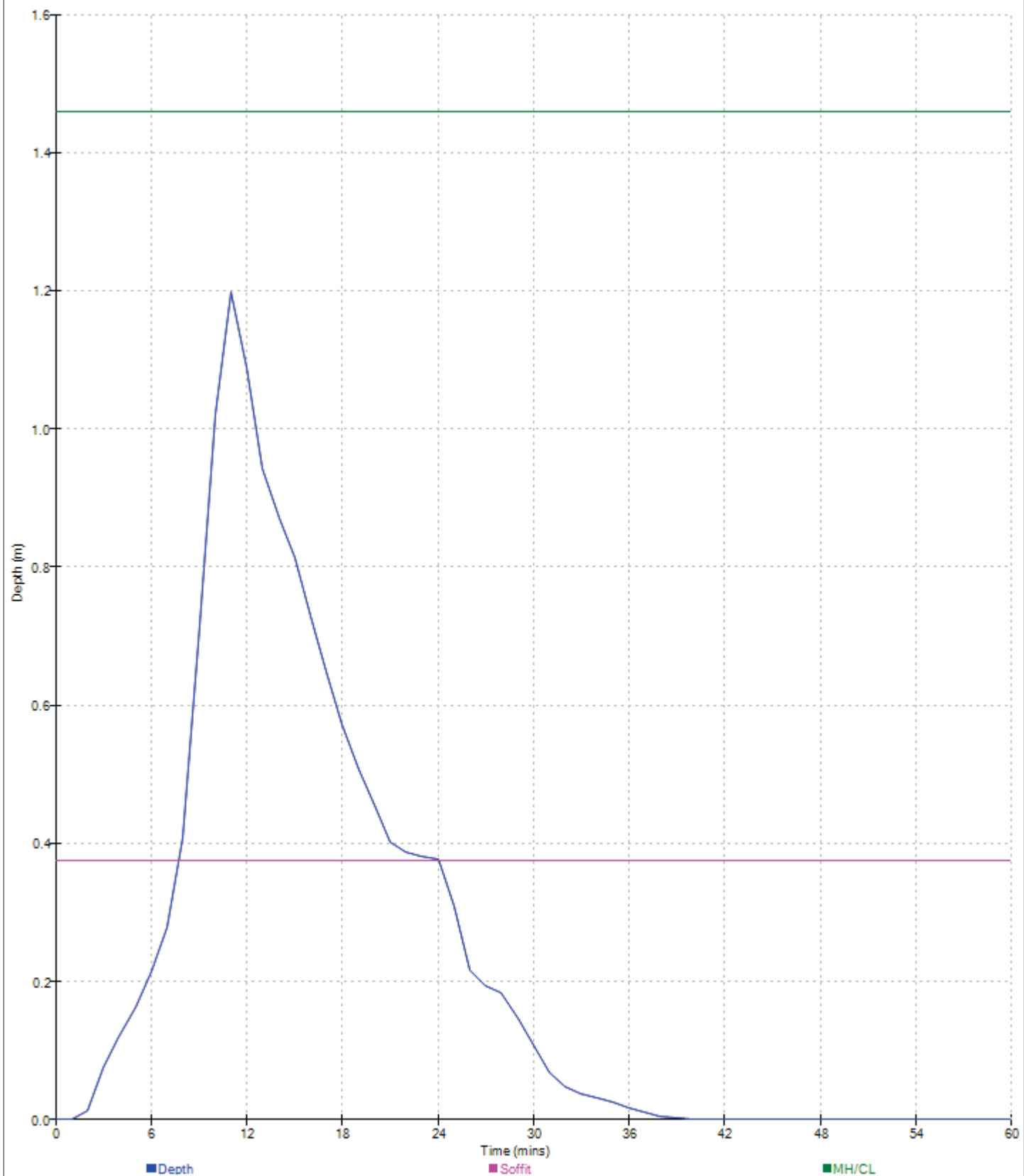
Graphs for Pipe 1.003 US/MH SWMH57 (SW CP)
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 Status: FLOOD RISK



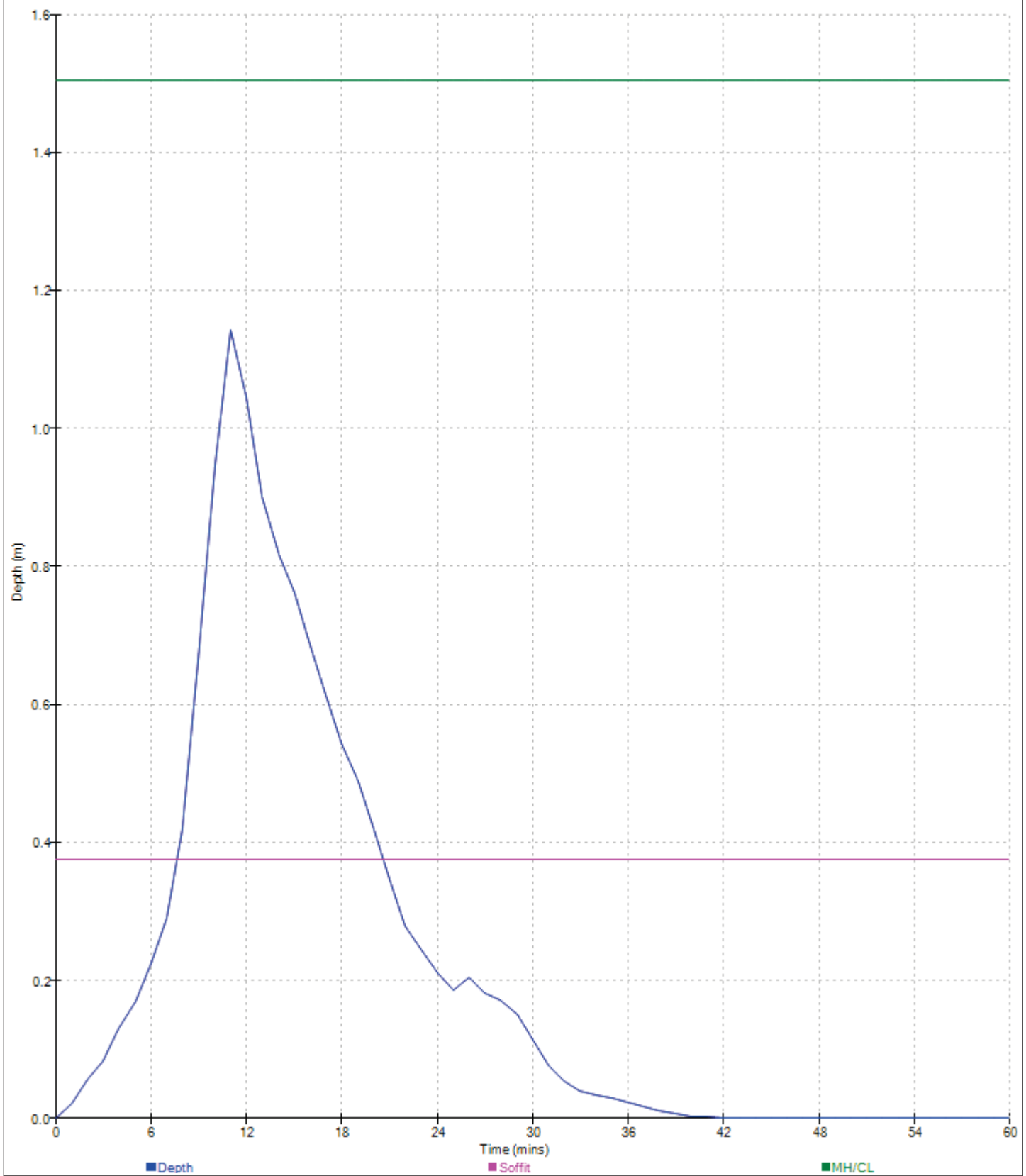
Graphs for Pipe 3.000 US/MH SWDNO 01 (SW CP)
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 Status: SURCHARGED



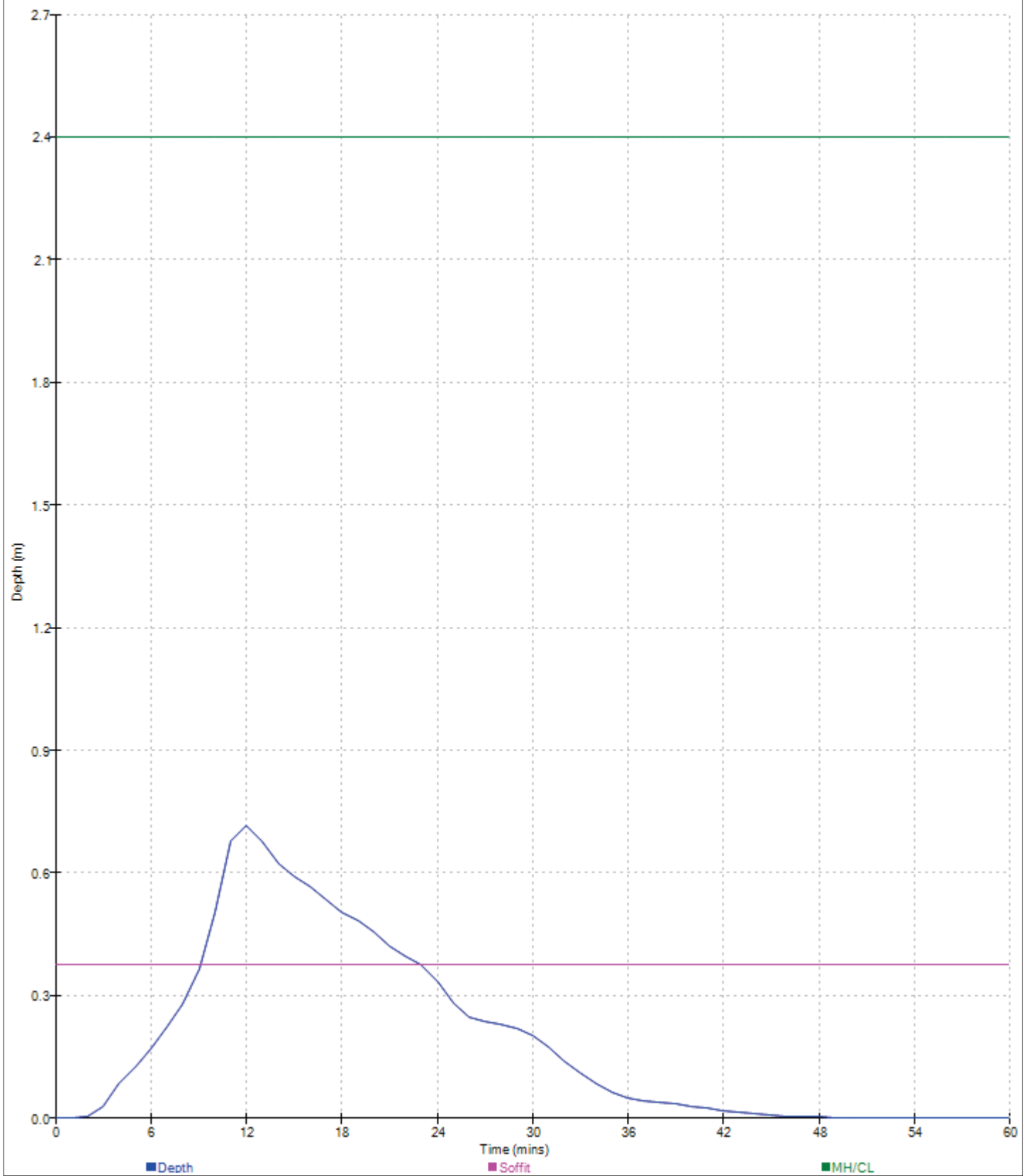
Graphs for Pipe 1.004 US/MH SWDNO 02 (SW CP)
 15 minute 100 year Winter I+40%
 Status: FLOOD RISK



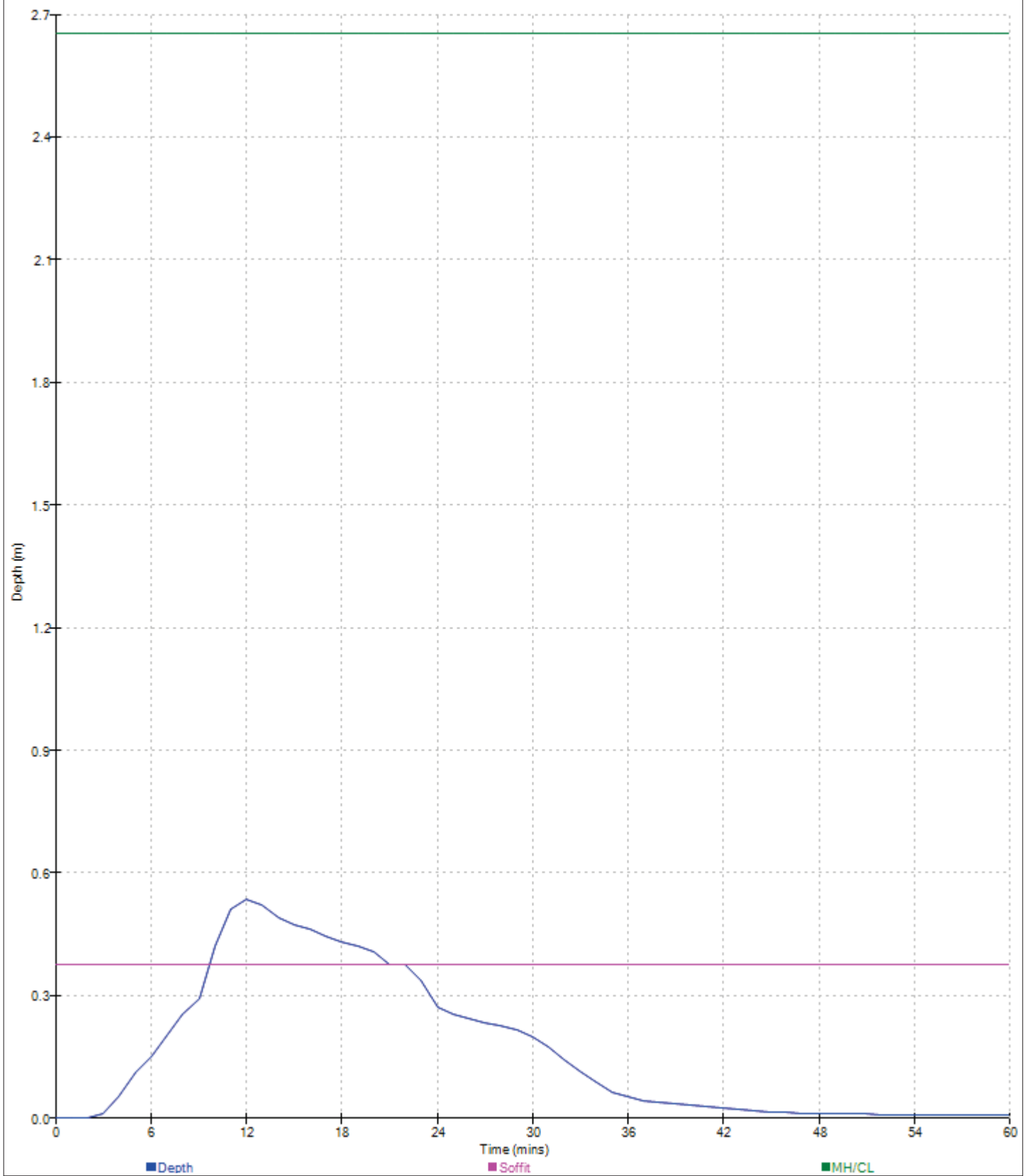
Graphs for Pipe 1.005 US/MH SWMH58 (SW CP)
15 minute 100 year Winter I+40%
Status: SURCHARGED



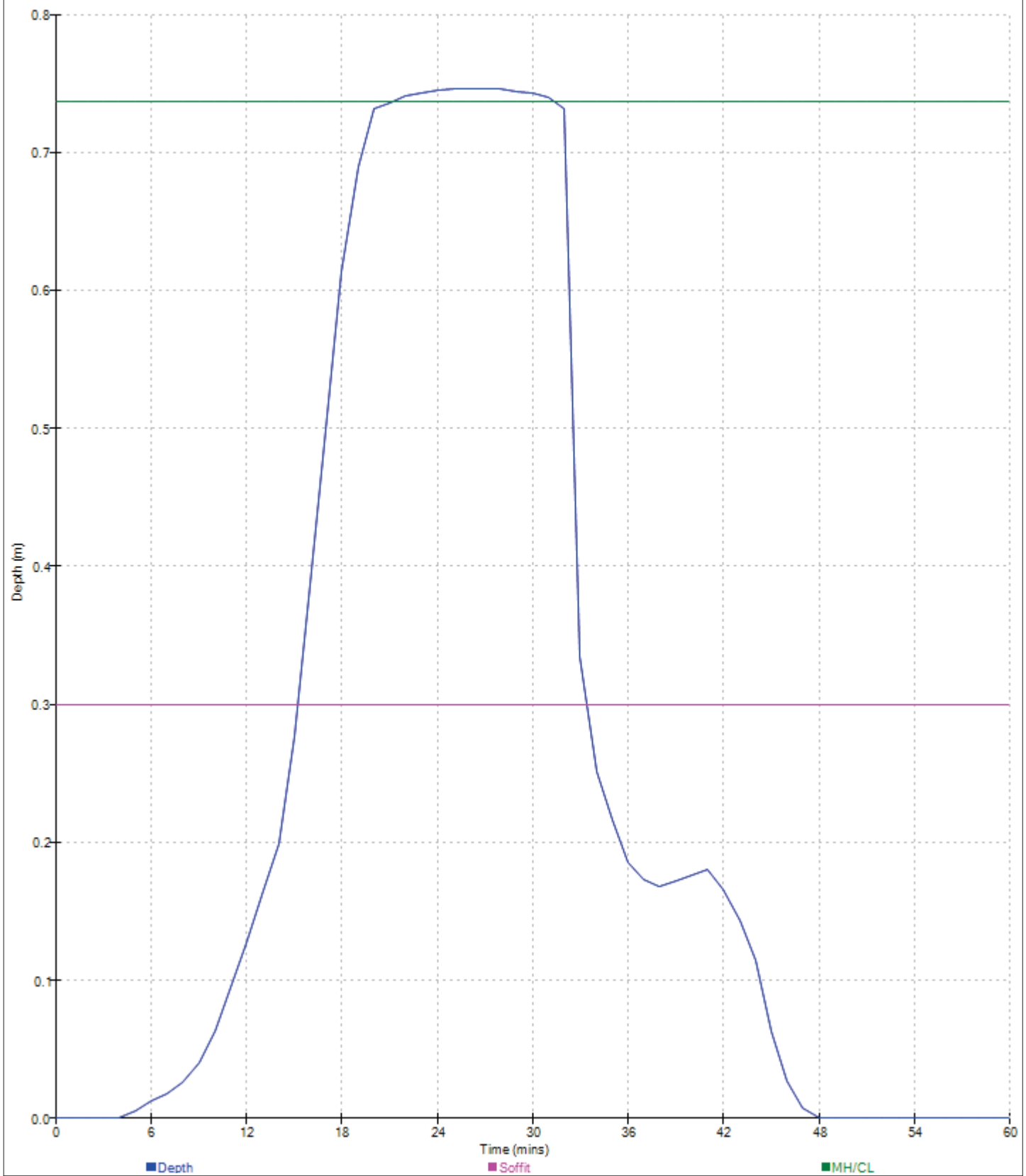
Graphs for Pipe 1.006 US/MH SWMH59 (SW CP)
15 minute 100 year Winter I+40%
Status: SURCHARGED



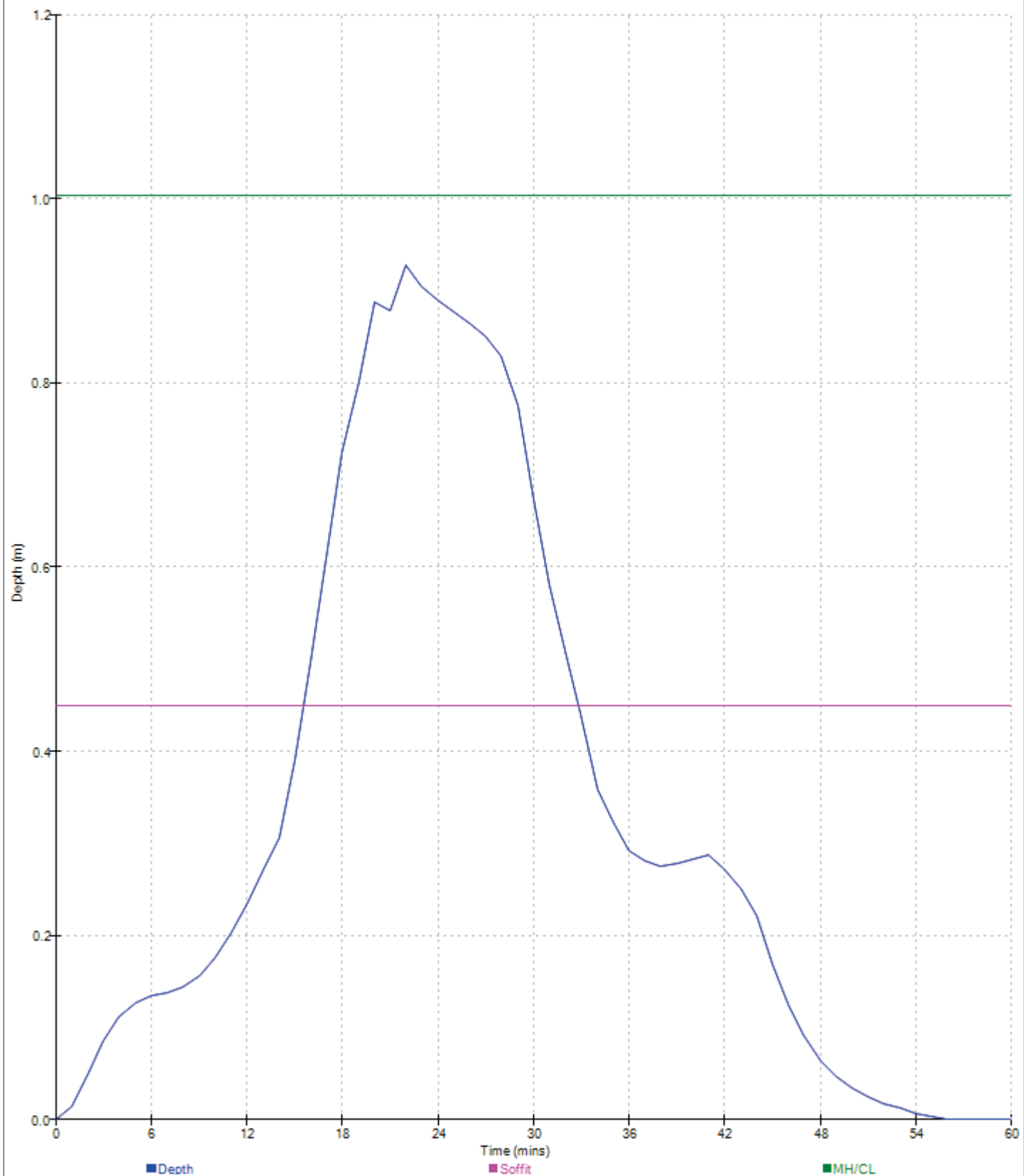
Graphs for Pipe 1.007 US/MH SWMH60 (SW CP)
15 minute 100 year Winter I+40%
Status: SURCHARGED



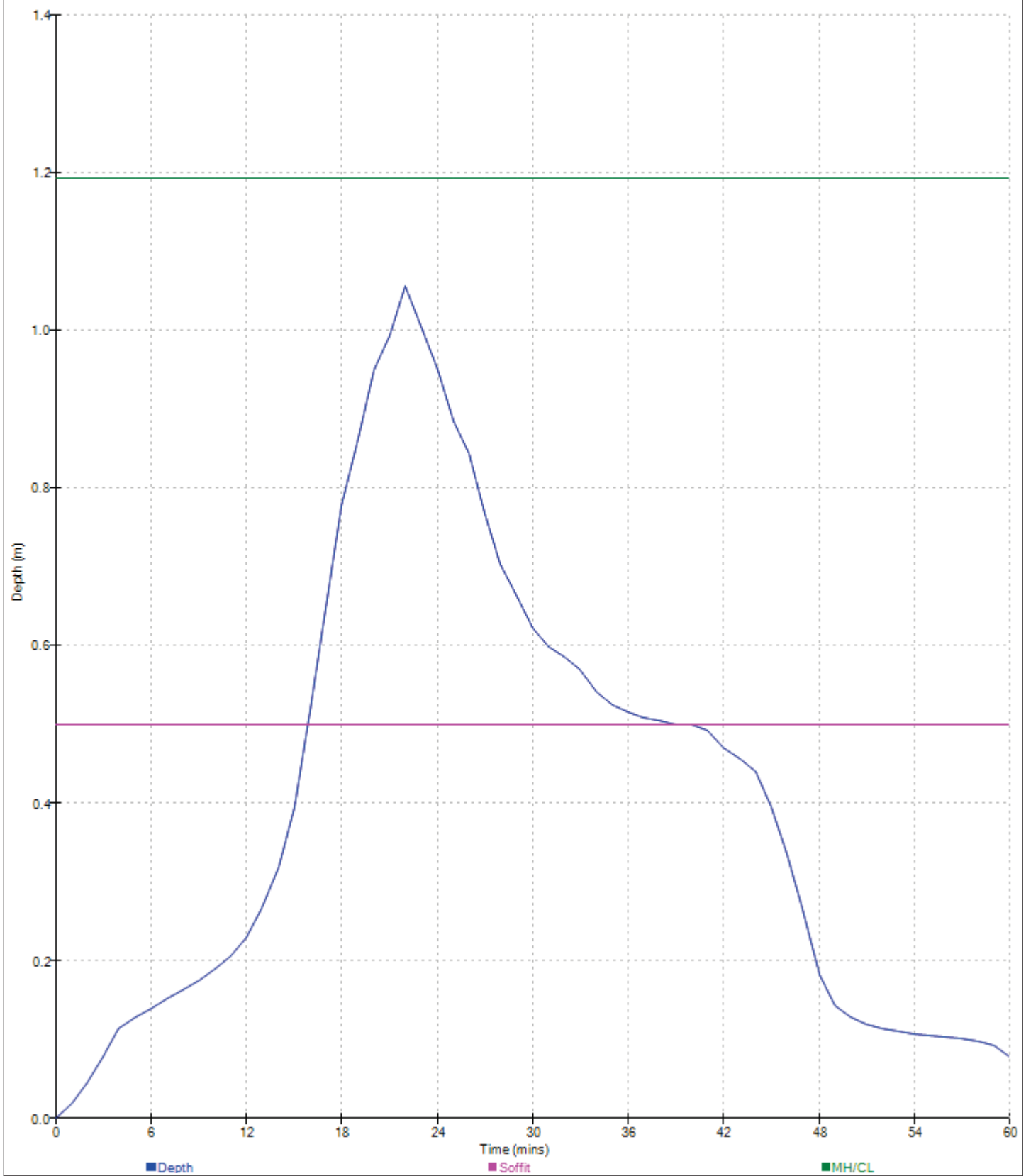
Graphs for Pipe 1.000 US/MH SWMH01 (SW NE)
30 minute 100 year Winter I+40%
Status: FLOOD



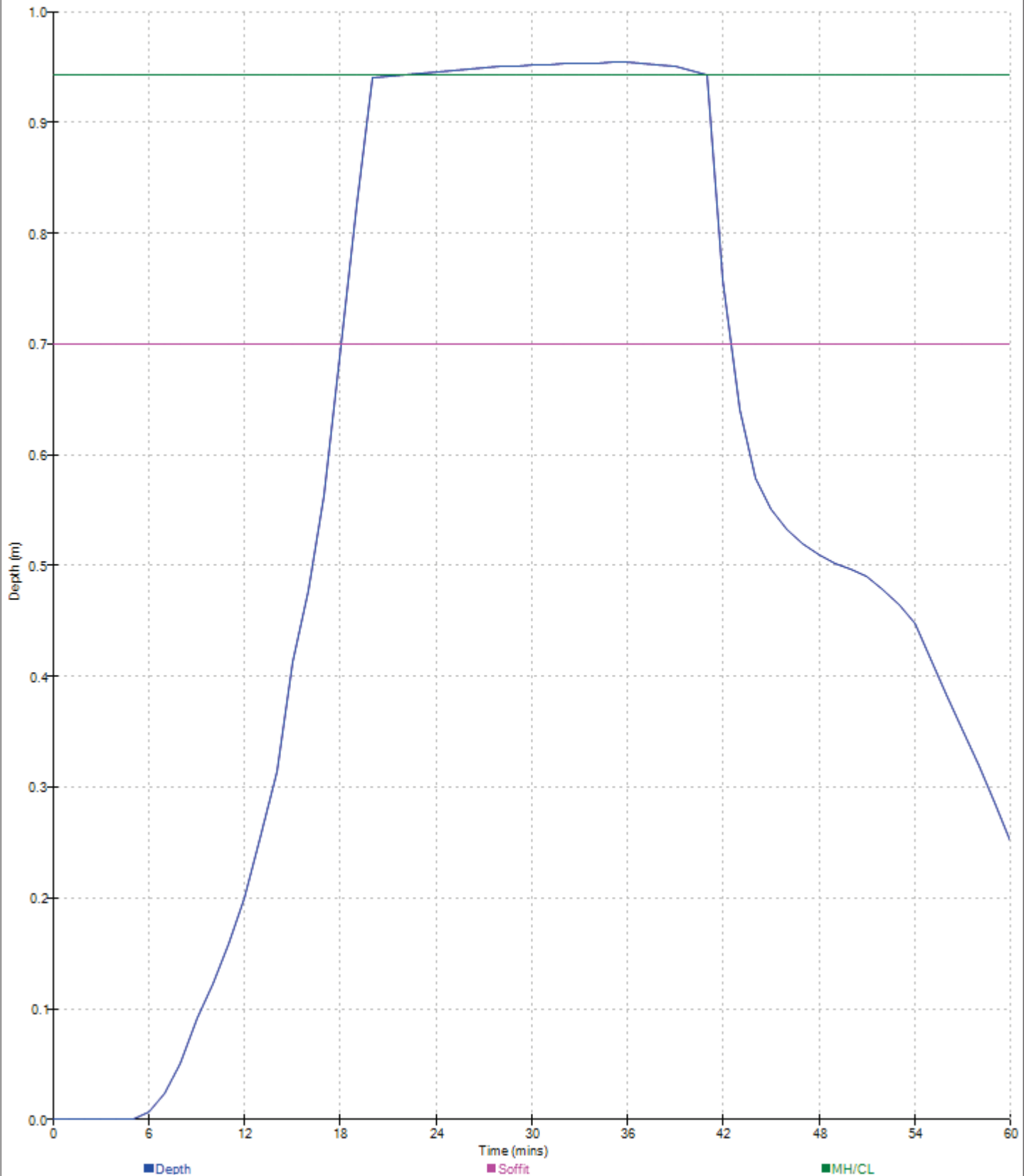
Graphs for Pipe 1.001 US/MH SWMH02 (SW NE)
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 Status: FLOOD RISK



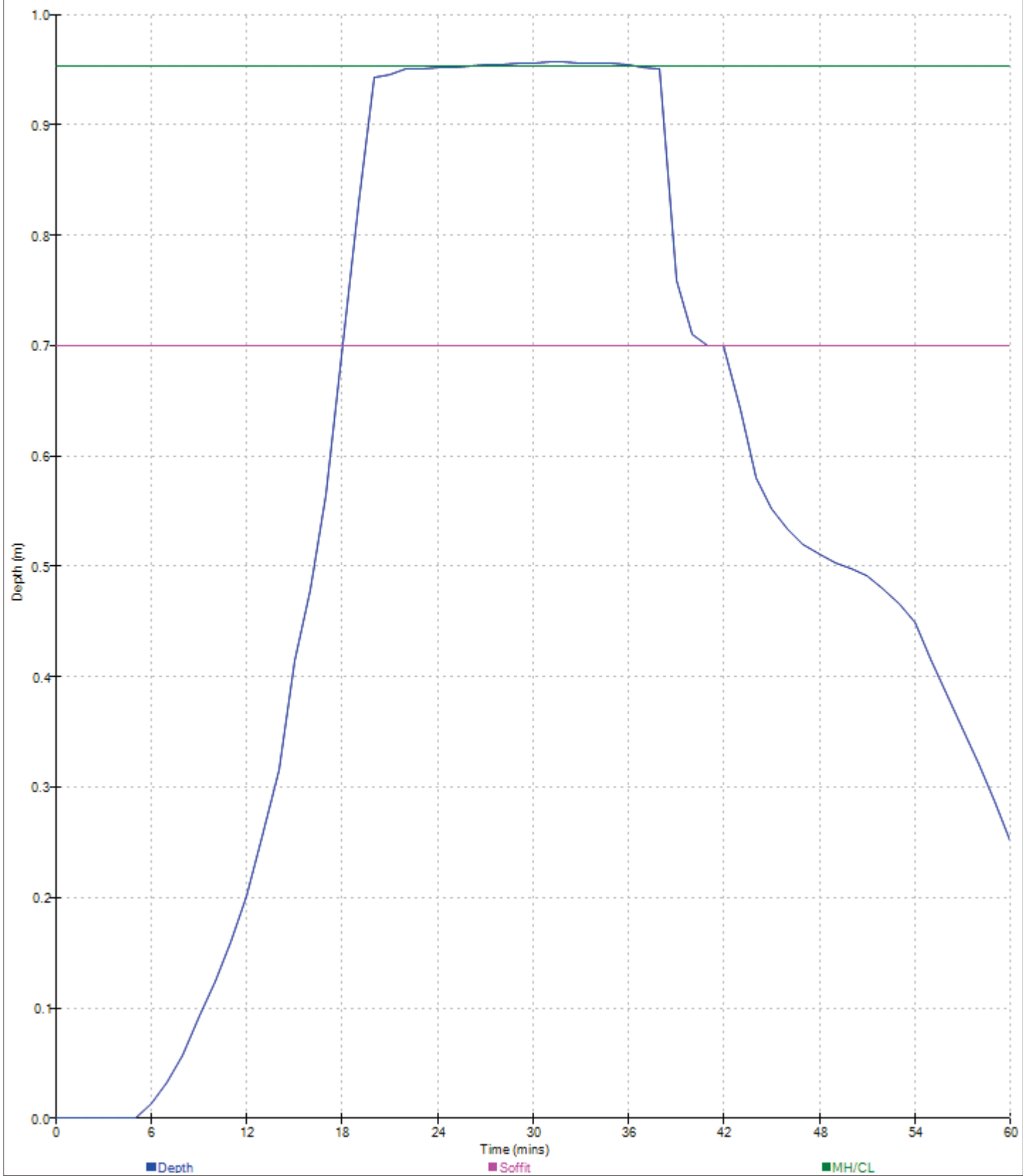
Graphs for Pipe 1.002 US/MH SWMH03 (SW NE)
 30 minute 100 year Summer I+40%
 Status: FLOOD RISK



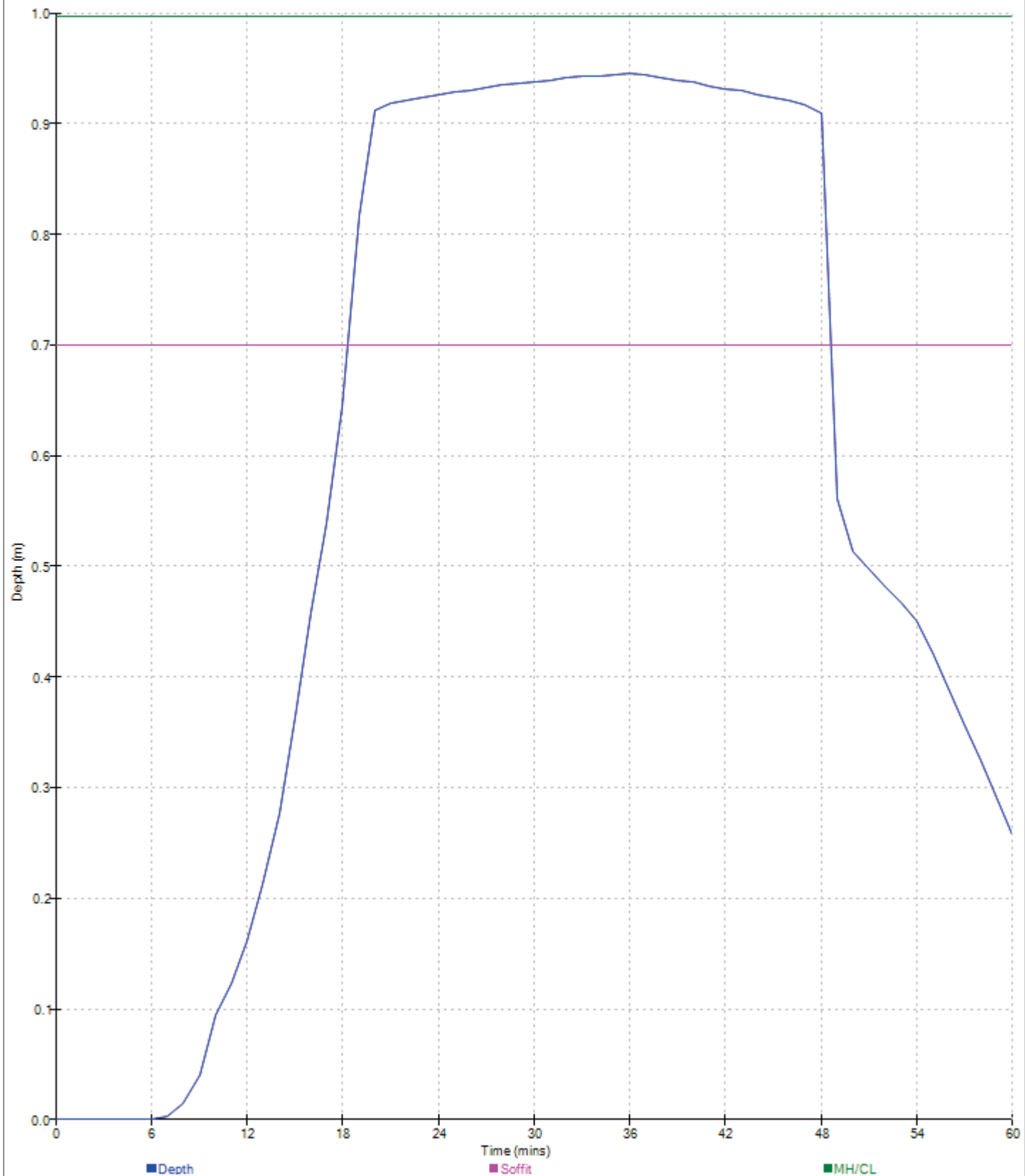
Graphs for Pipe 2.000 US/MH QMAX IC01 (SW NE)
30 minute 100 year Winter I+40%
Status: FLOOD



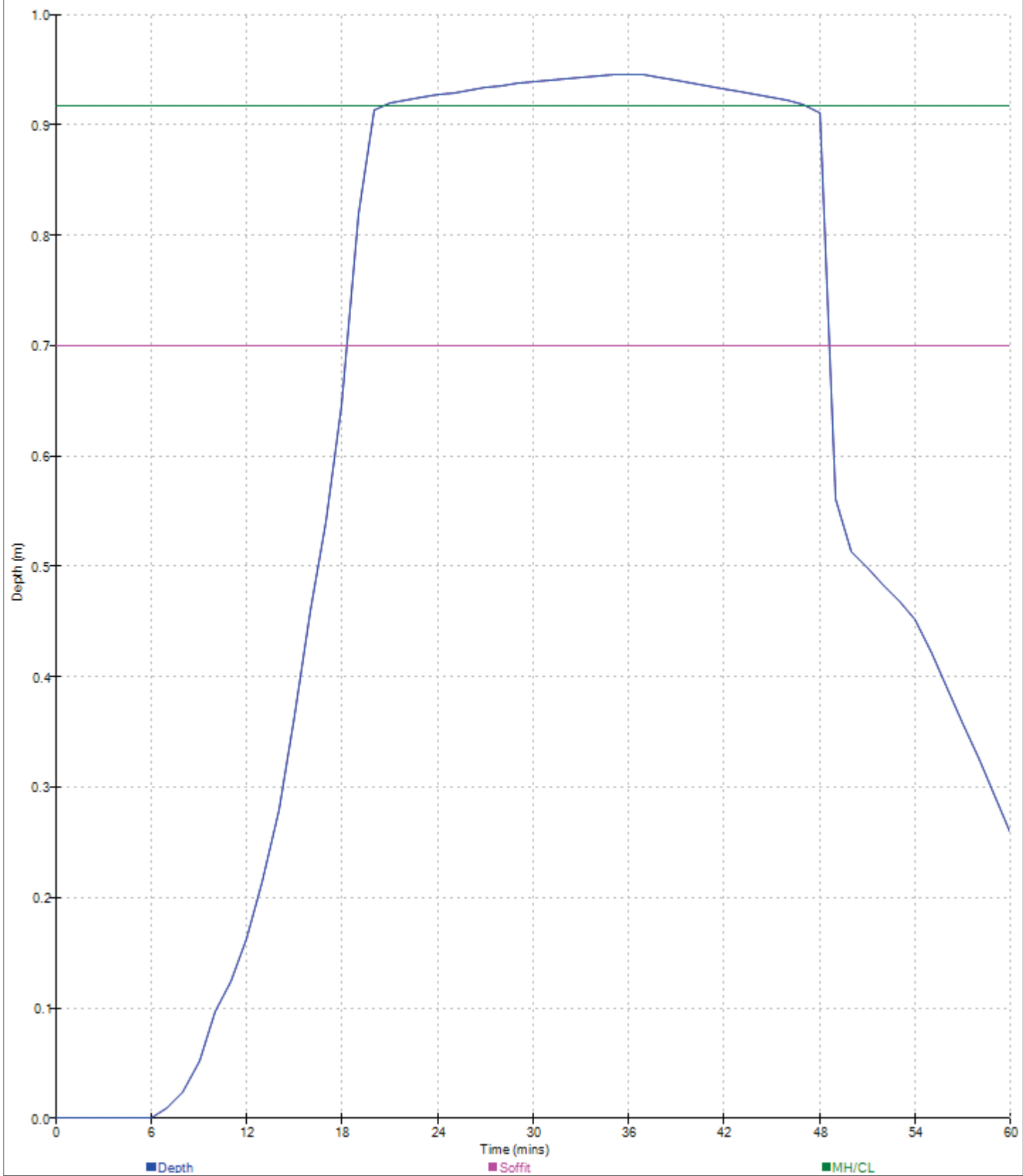
Graphs for Pipe 2.001 US/MH QMAX IC02 (SW NE)
 30 minute 100 year Winter I+40%
 Status: FLOOD



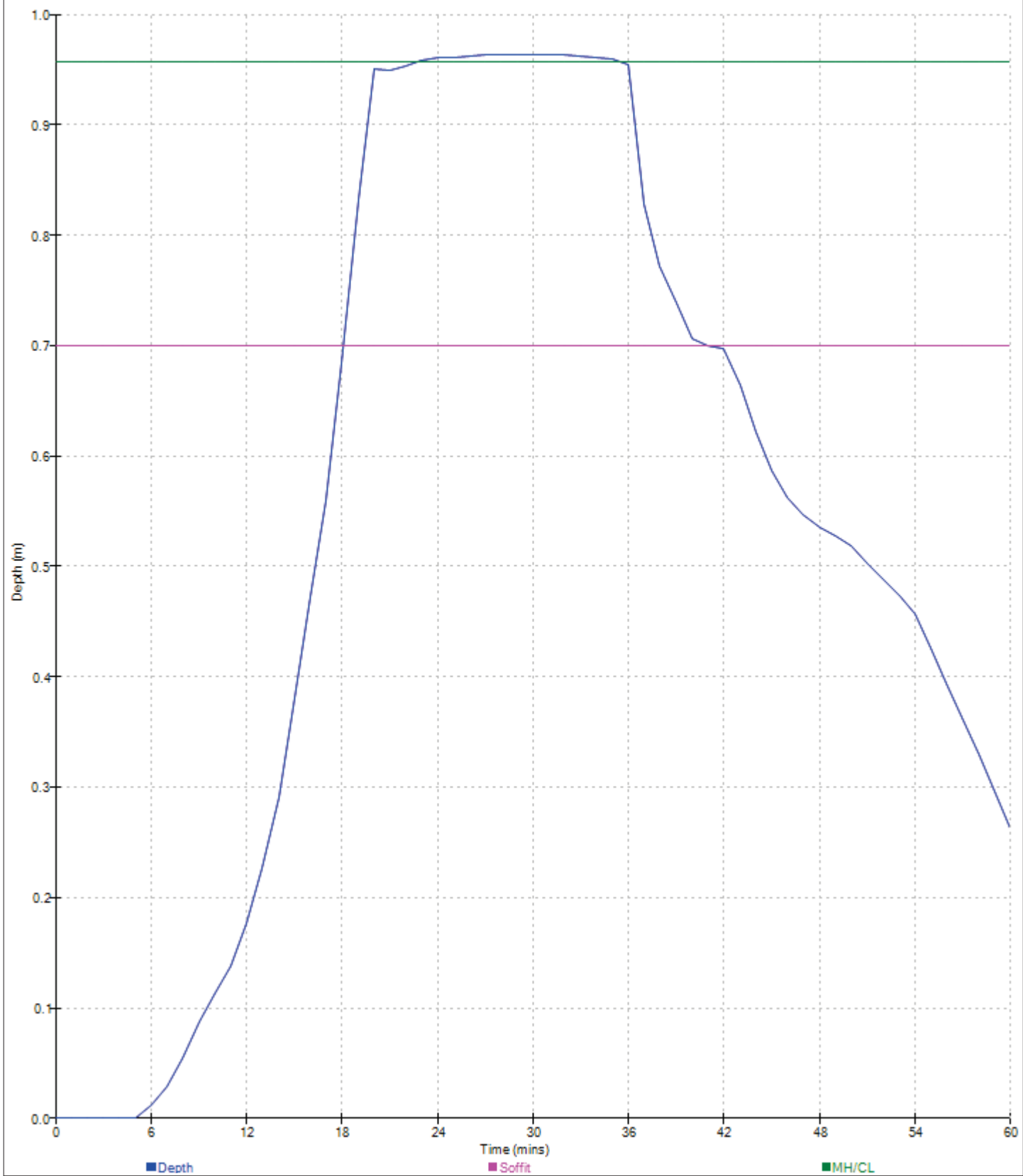
Graphs for Pipe 3.000 US/MH QMAX IC03 (SW NE)
30 minute 100 year Winter I+40%
Status: FLOOD RISK*



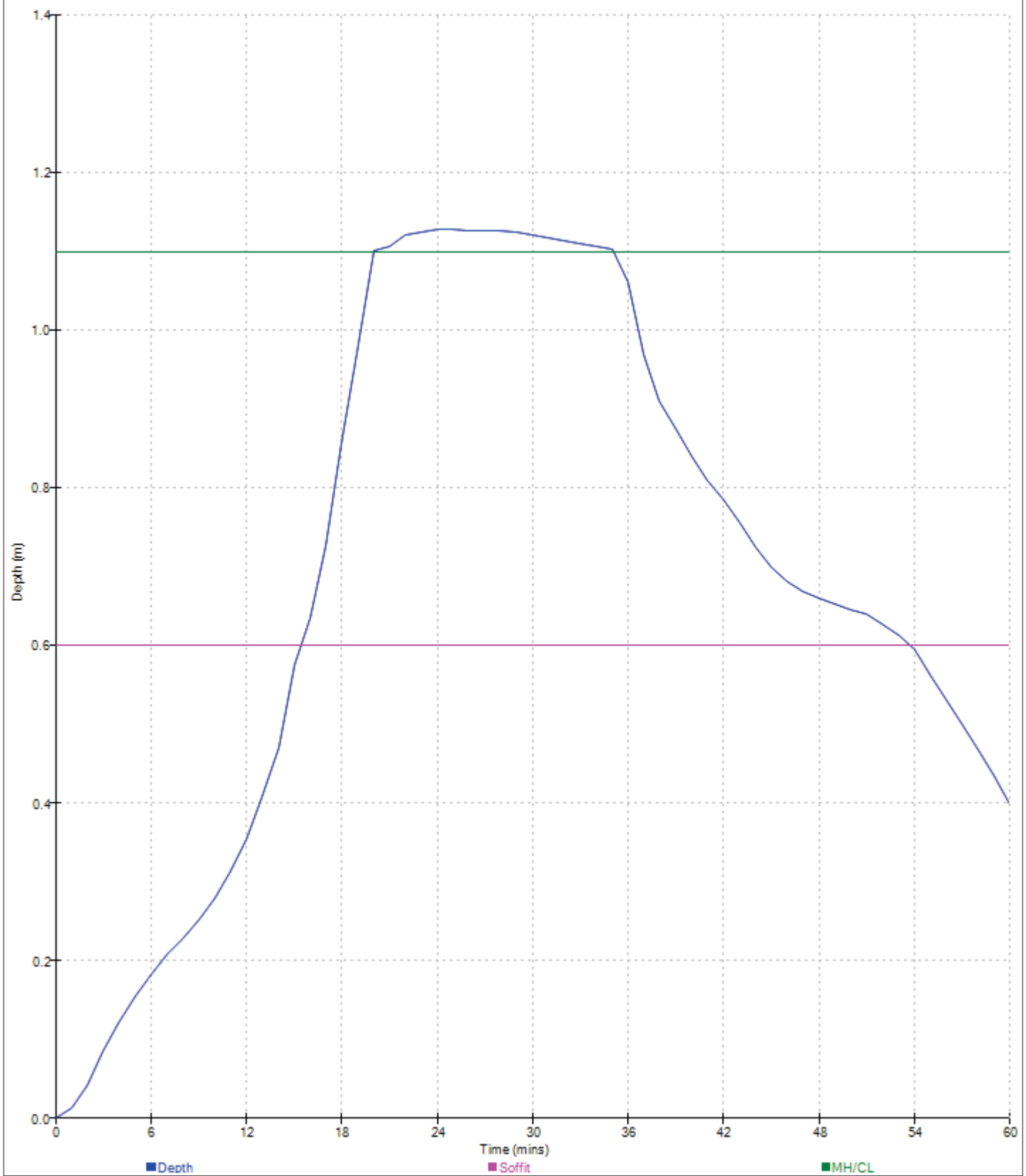
Graphs for Pipe 3.001 US/MH QMAX IC04 (SW NE)
 30 minute 100 year Winter I+40%
 Status: FLOOD



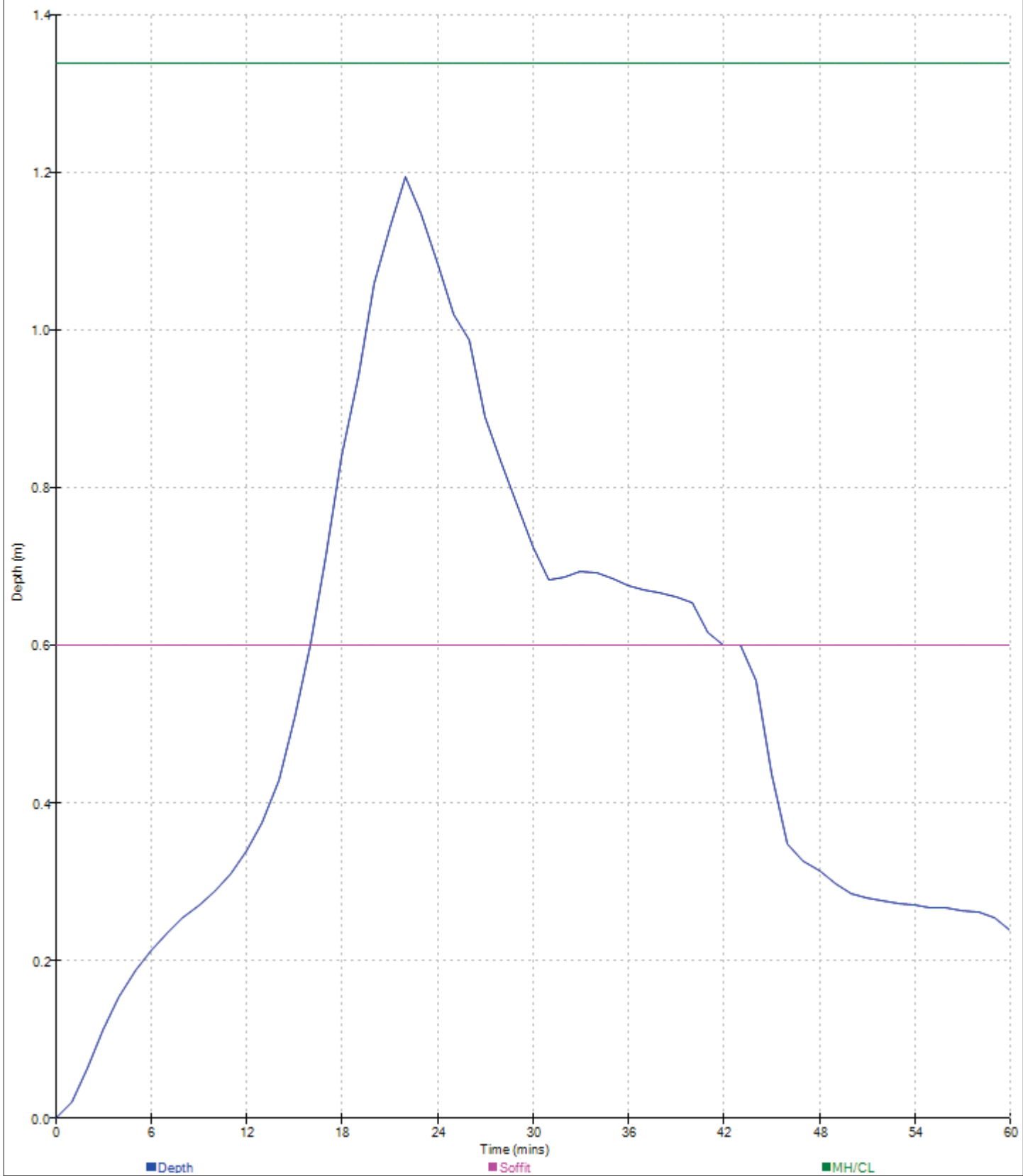
Graphs for Pipe 3.002 US/MH QMAX IC05 (SW NE)
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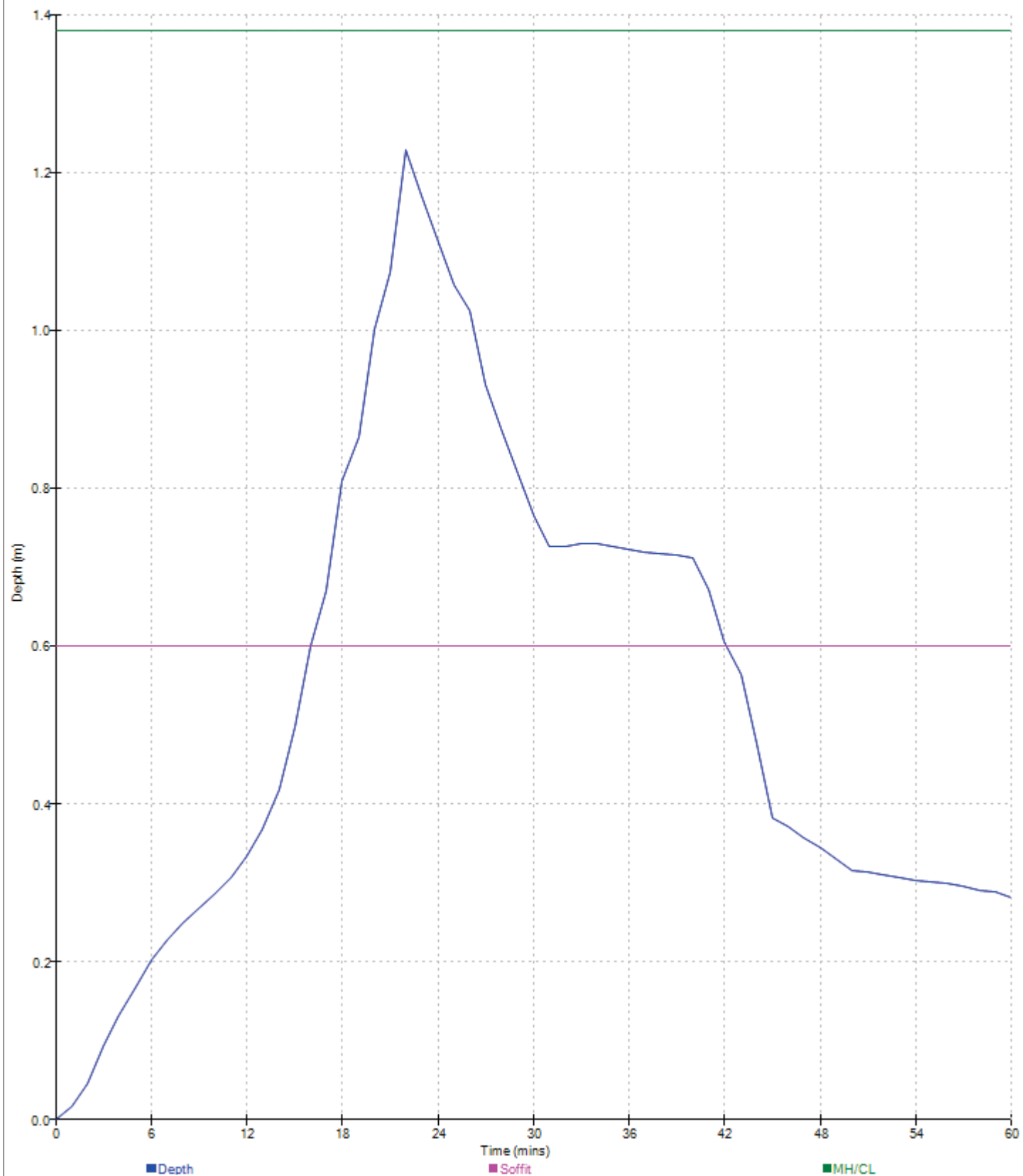
Graphs for Pipe 2.002 US/MH SWMH05 (SW NE)
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 Status: FLOOD



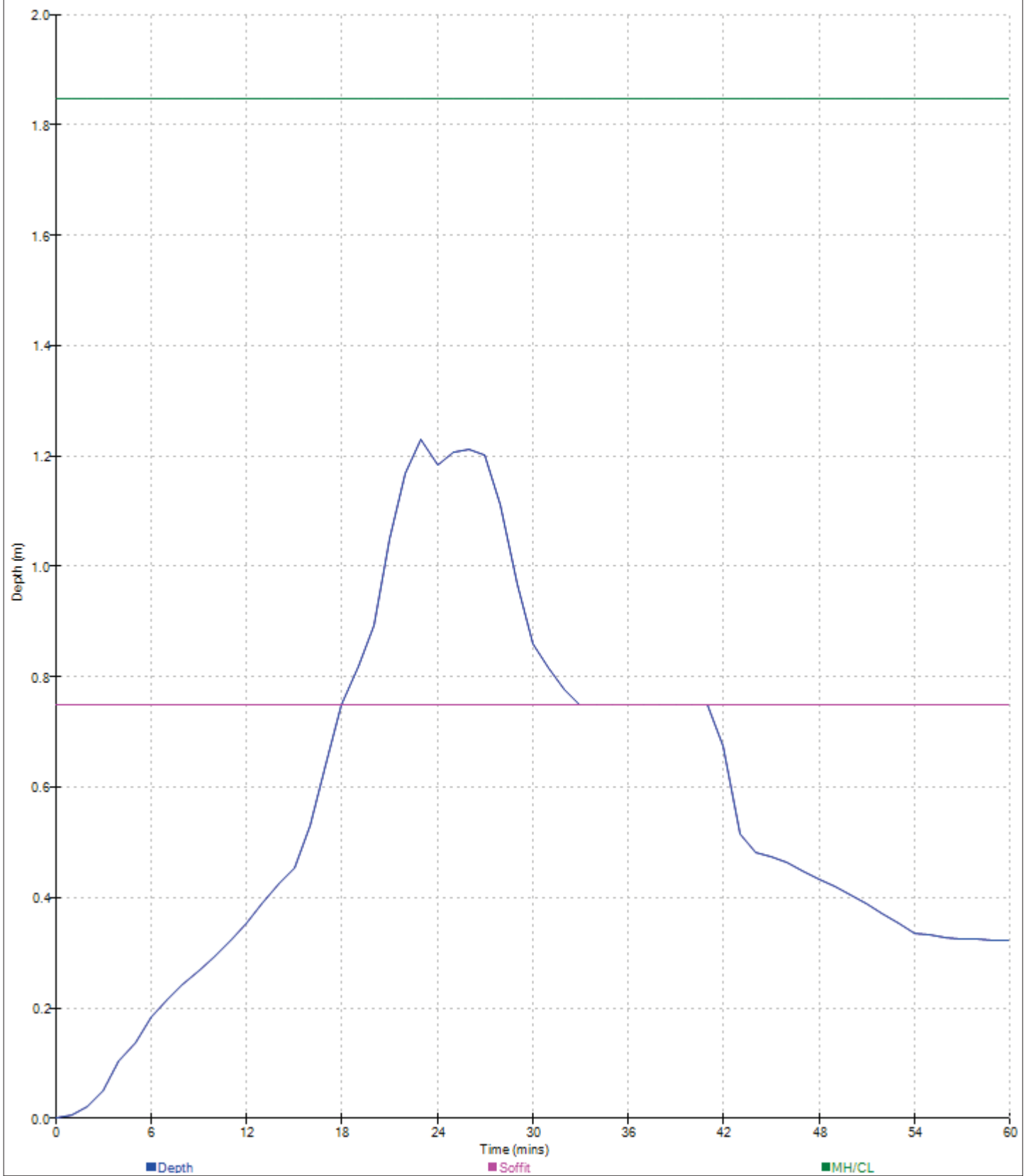
Graphs for Pipe 1.003 US/MH SWMH04 (SW NE)
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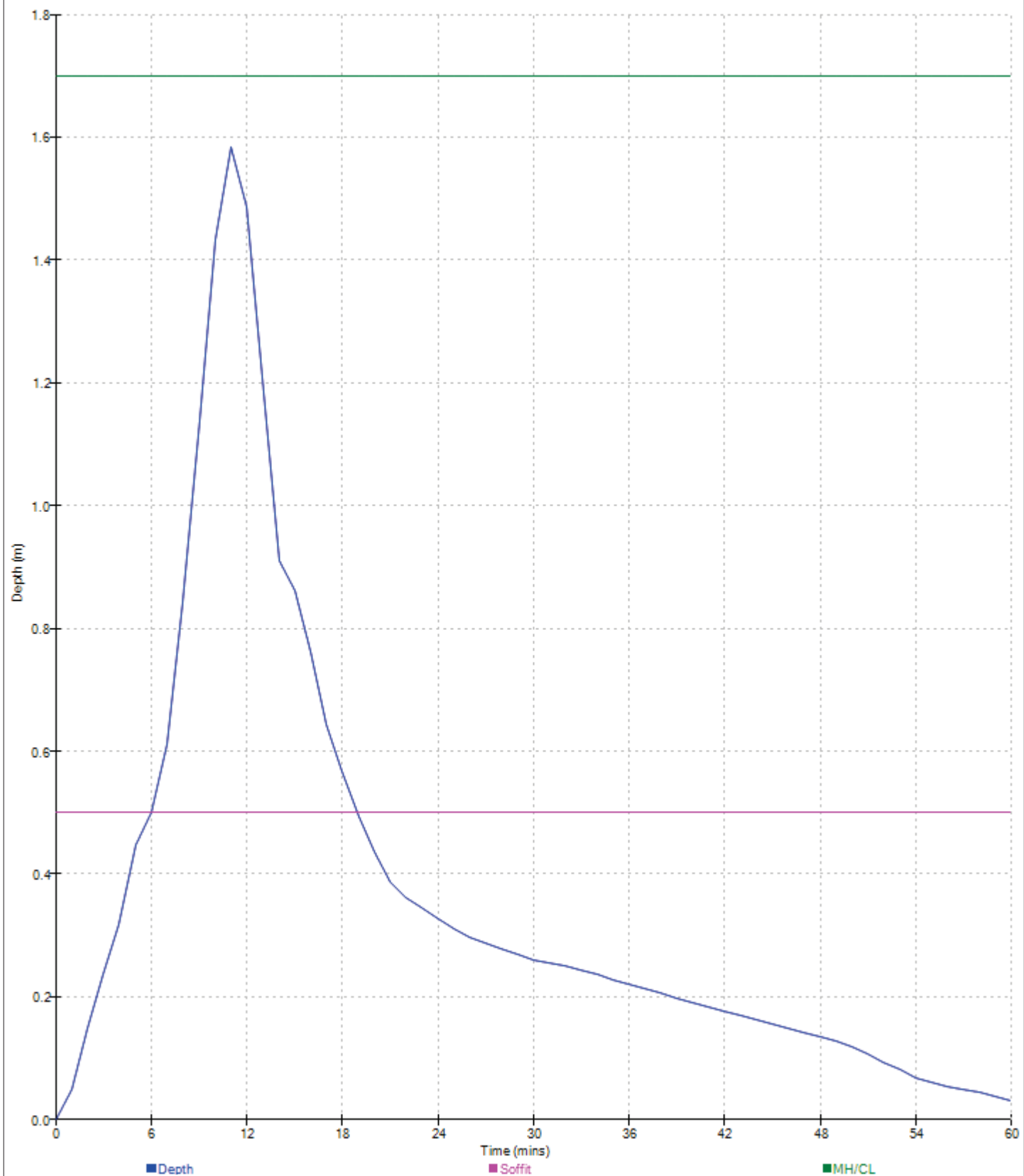
Graphs for Pipe 1.004 US/MH SWMH06 (SW NE)
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 Status: FLOOD RISK



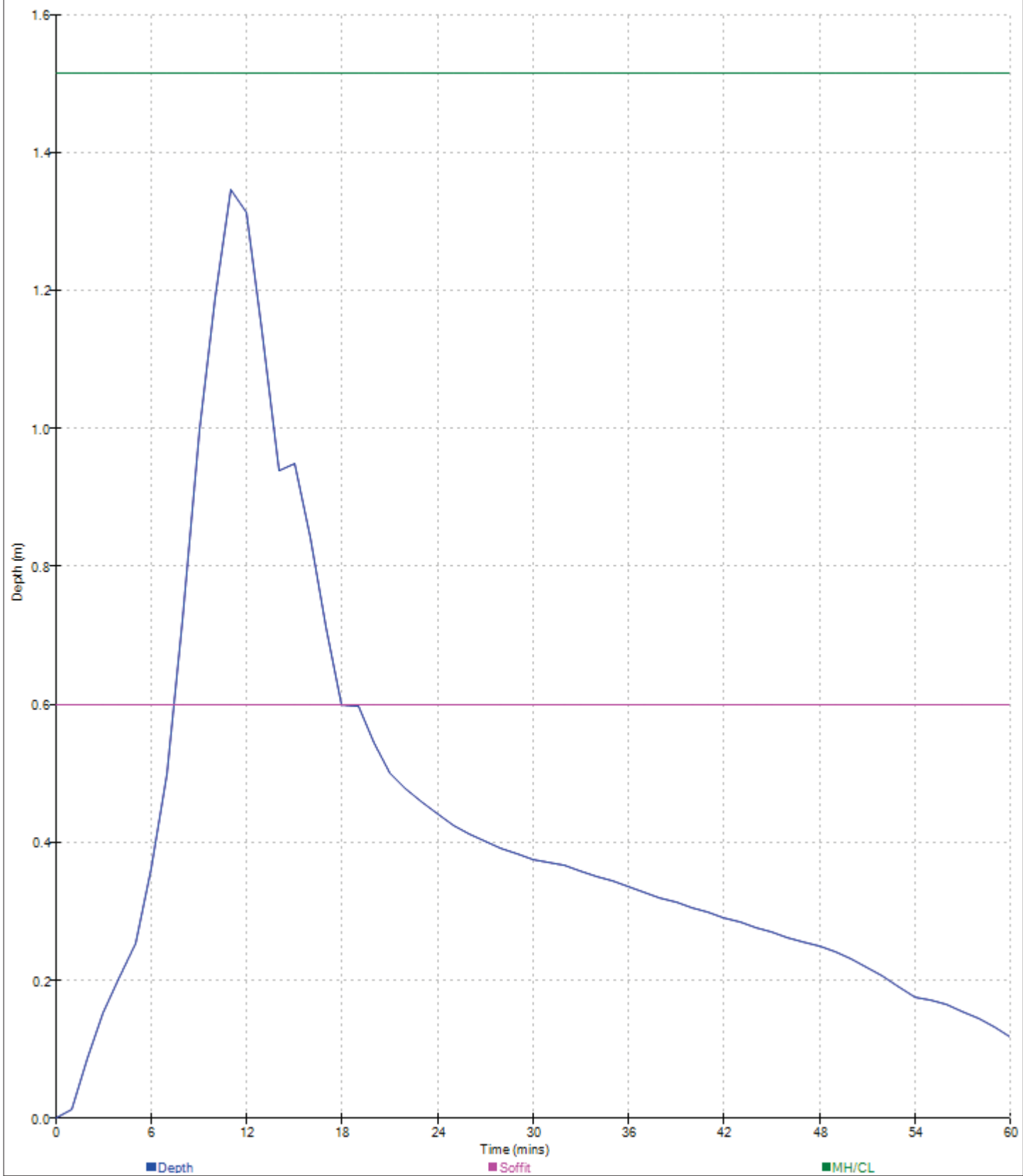
Graphs for Pipe 1.005 US/MH SWMH07 (SW NE)
 30 minute 100 year Winter I+40%
 Status: SURCHARGED



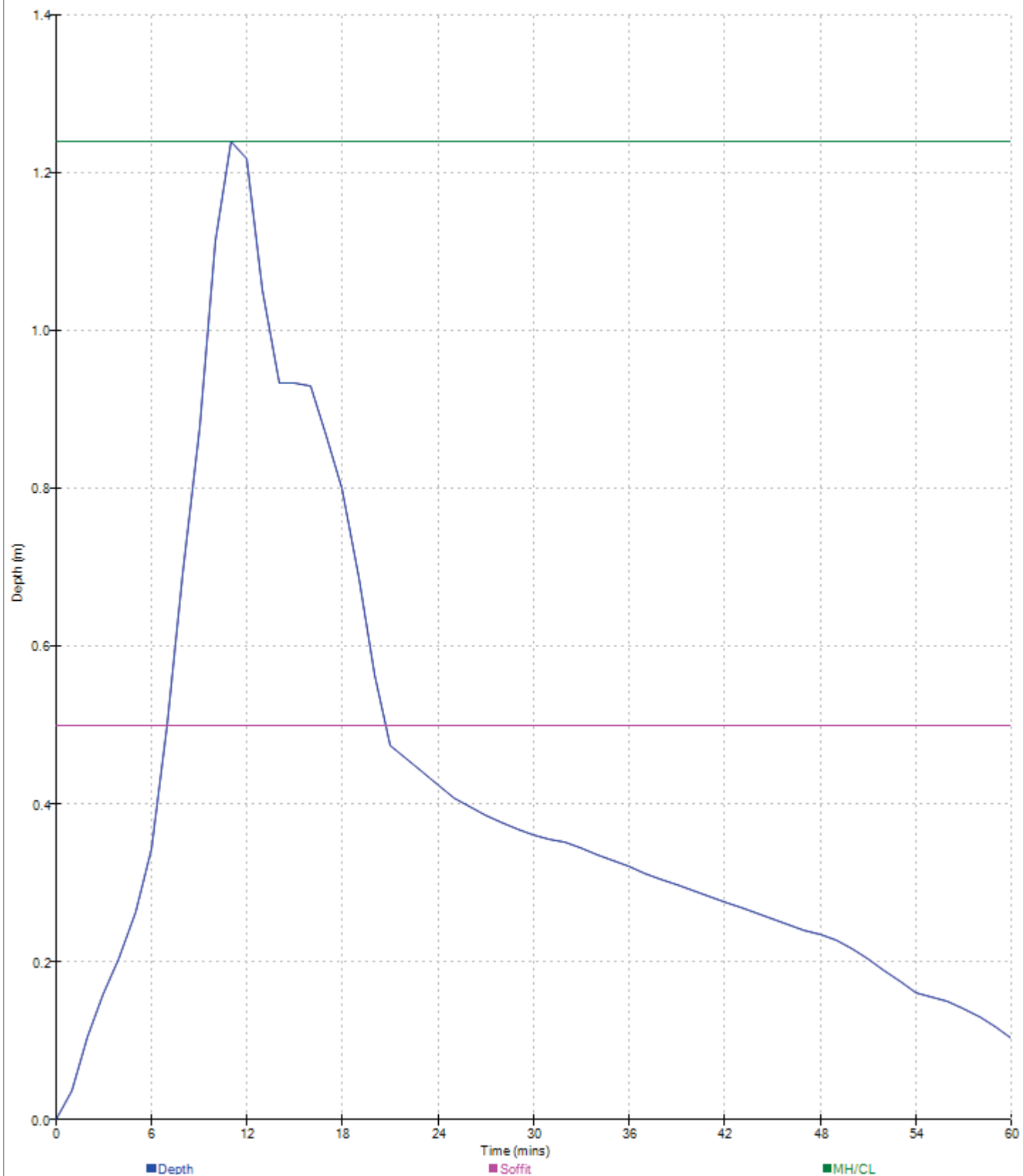
Graphs for Pipe 4.000 US/MH SWMH08 (SW NE)
 15 minute 100 year Winter I+40%
 Status: FLOOD RISK



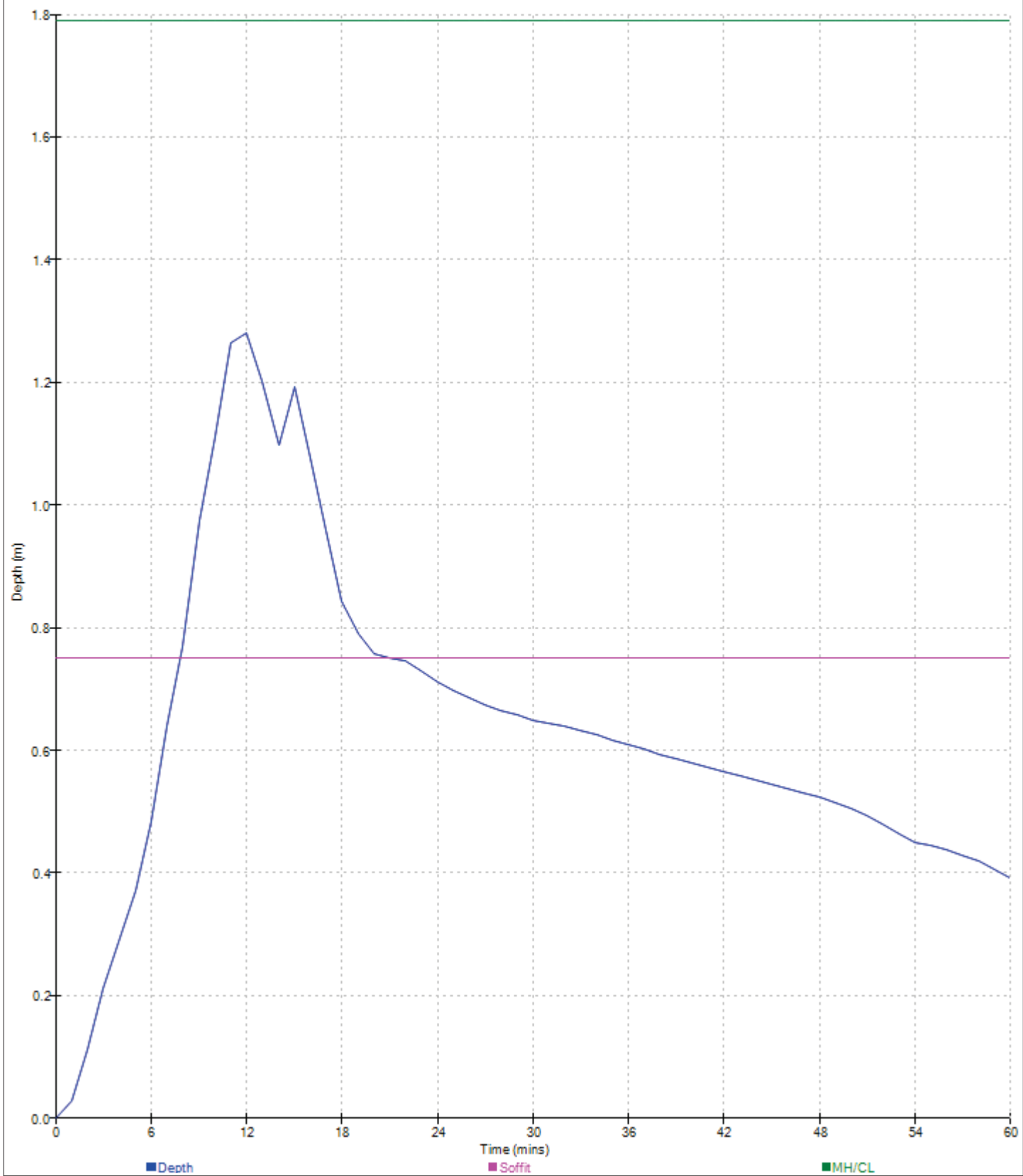
Graphs for Pipe 4.001 US/MH SWMH09 (SW NE)
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 Status: FLOOD RISK



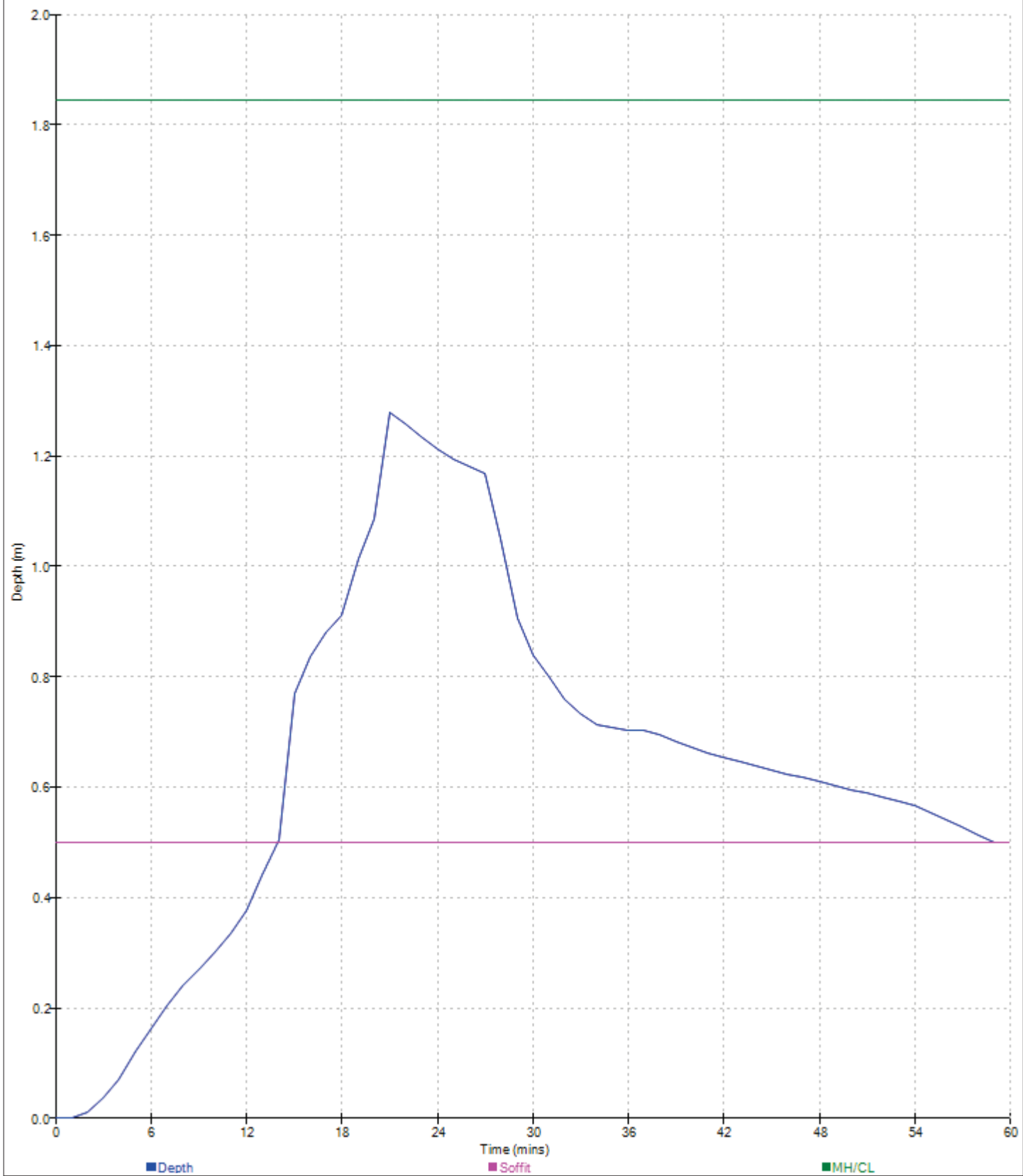
Graphs for Pipe 5.000 US/MH SWMH10 (SW NE)
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 Status: FLOOD



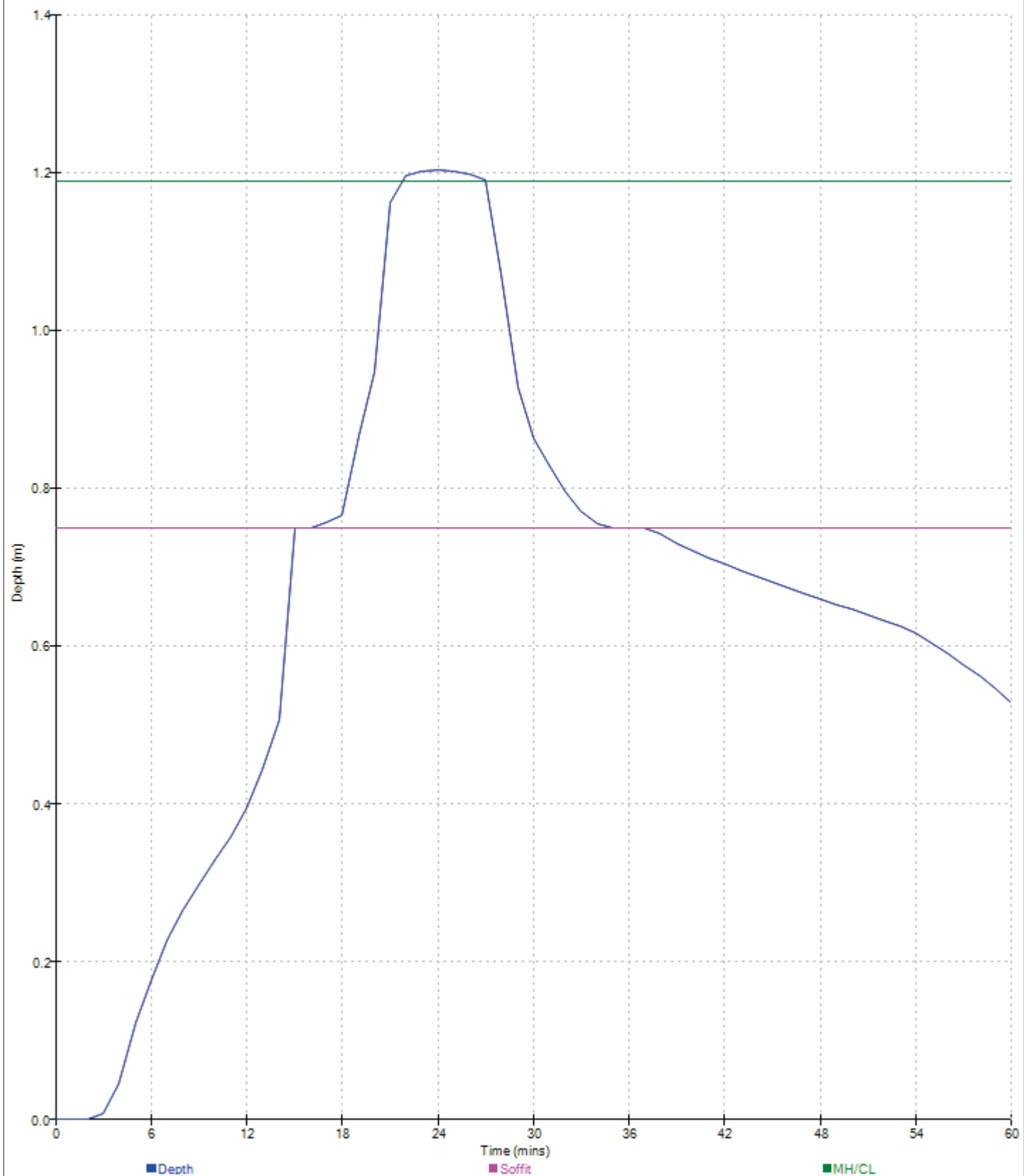
Graphs for Pipe 4.002 US/MH SWMH11 (SW NE)
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 Status: SURCHARGED



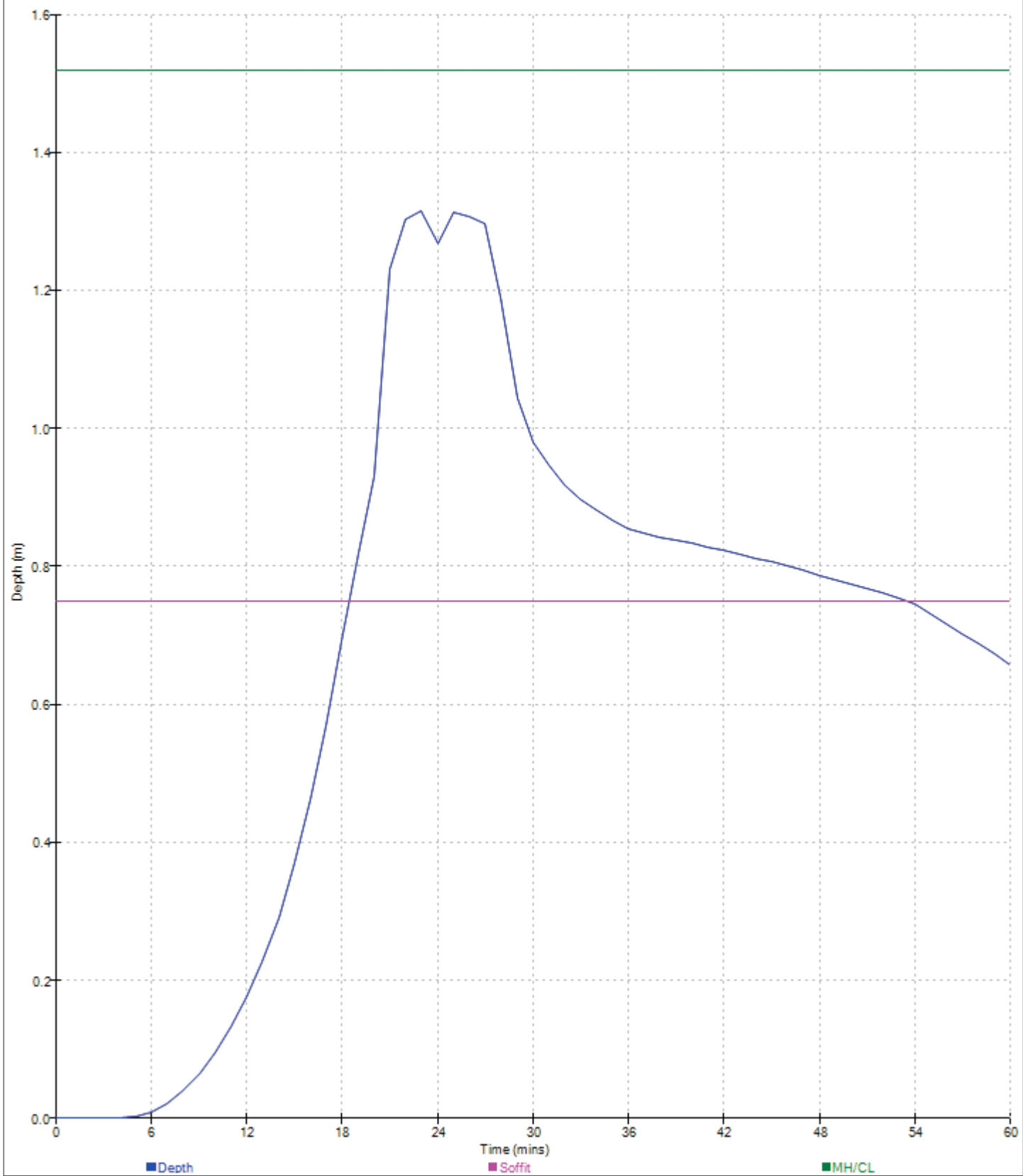
Graphs for Pipe 4.003 US/MH SWMH13 (SW NE)
 30 minute 100 year Winter I+40%
 Status: SURCHARGED



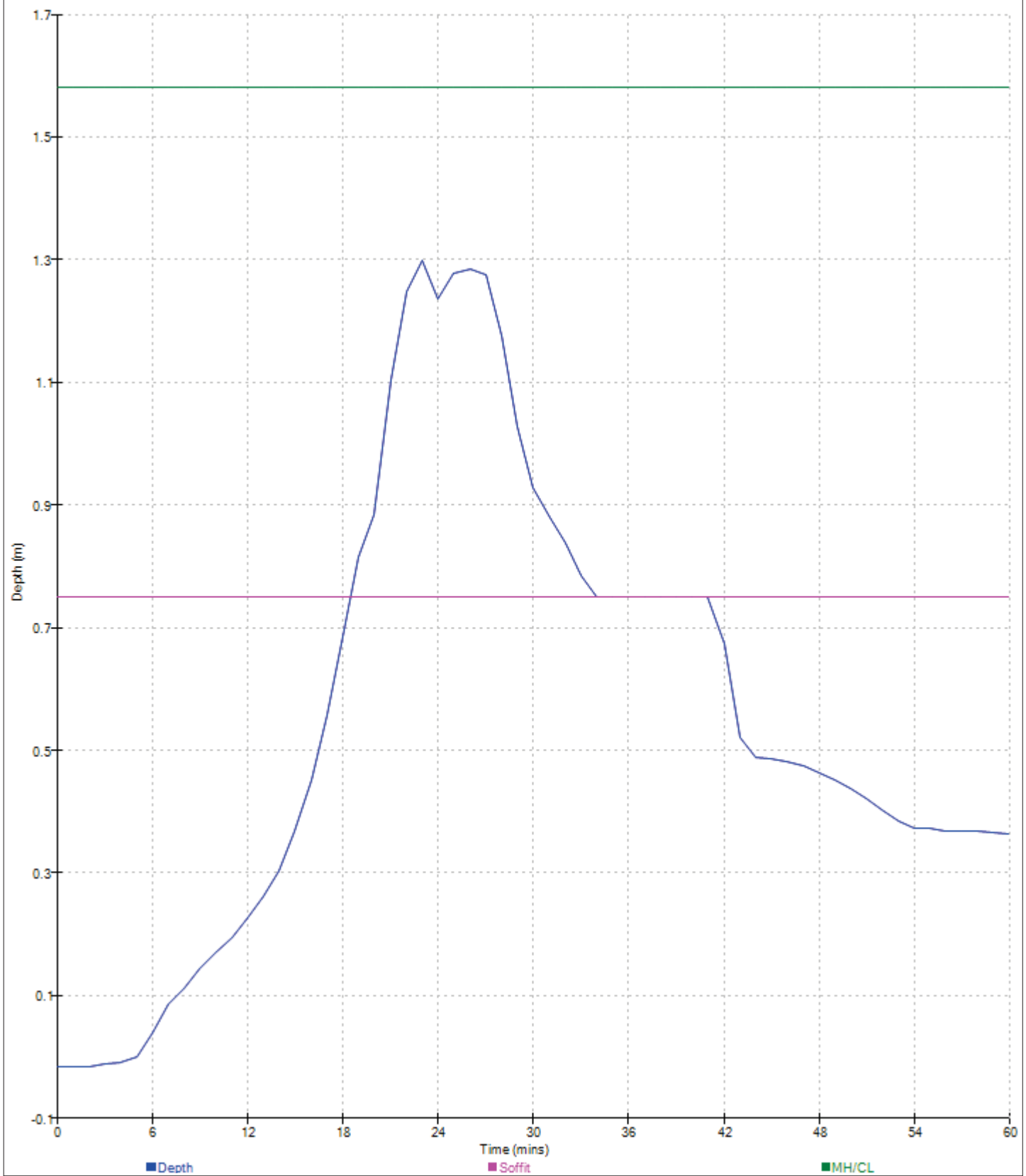
Graphs for Pipe 4.004 US/MH SWMH14 (SW NE)
 30 minute 100 year Winter I+40%
 Status: FLOOD



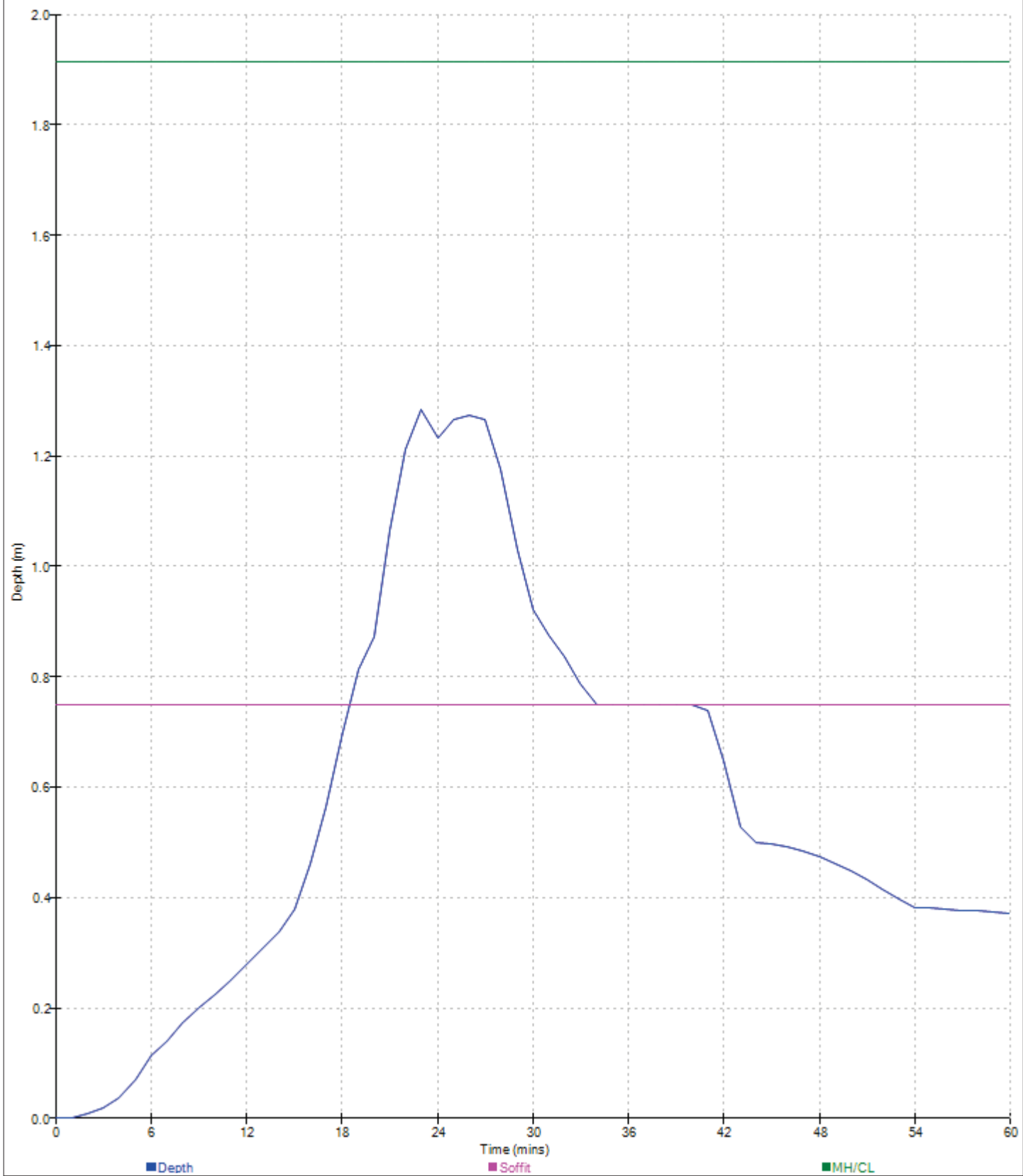
Graphs for Pipe 4.005 US/MH RWHT (SW NE)
 30 minute 100 year Winter I+40%
 Status: FLOOD RISK



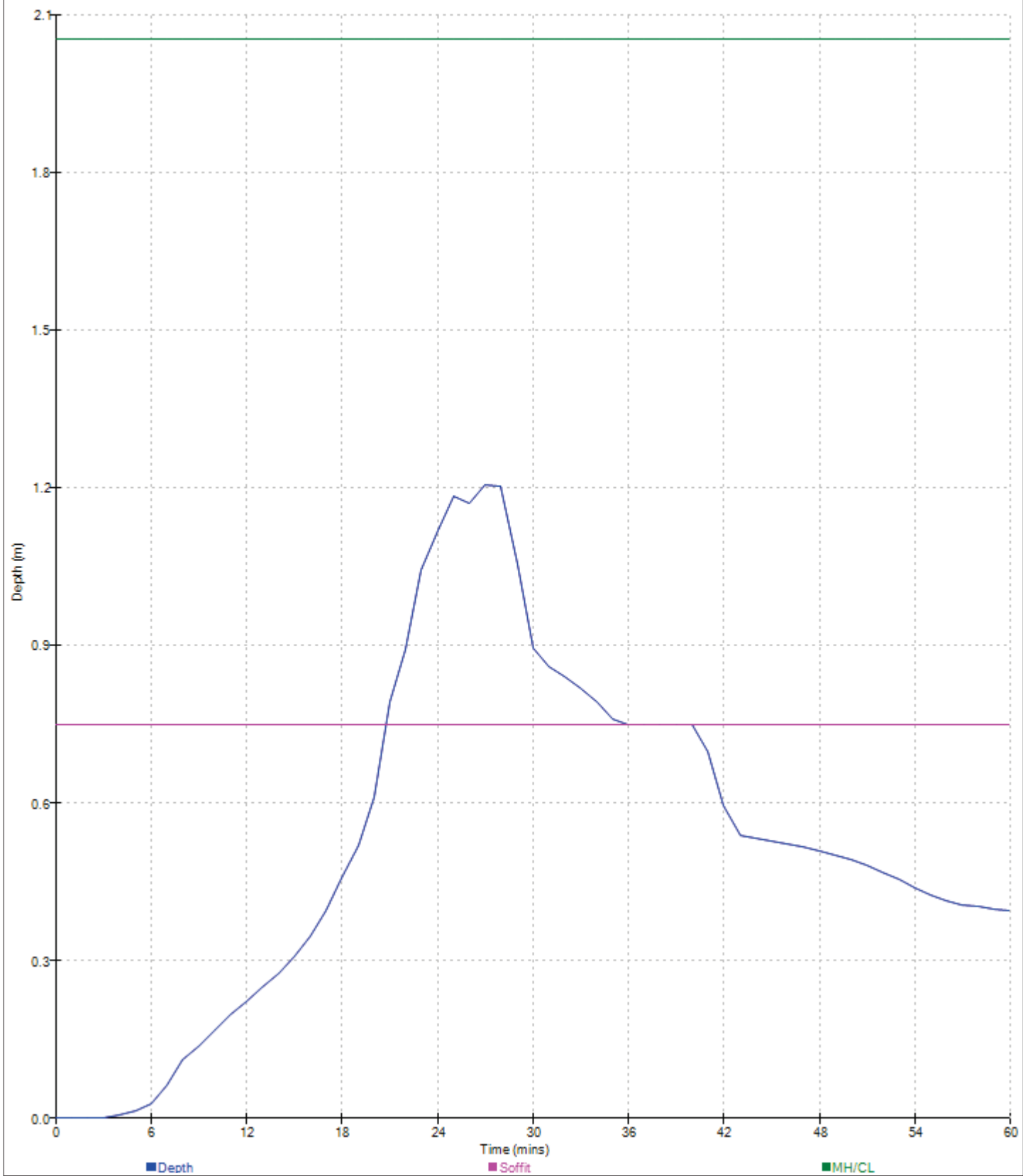
Graphs for Pipe 4.006 US/MH SWMH15 (SW NE)
 30 minute 100 year Winter I+40%
 Status: FLOOD RISK



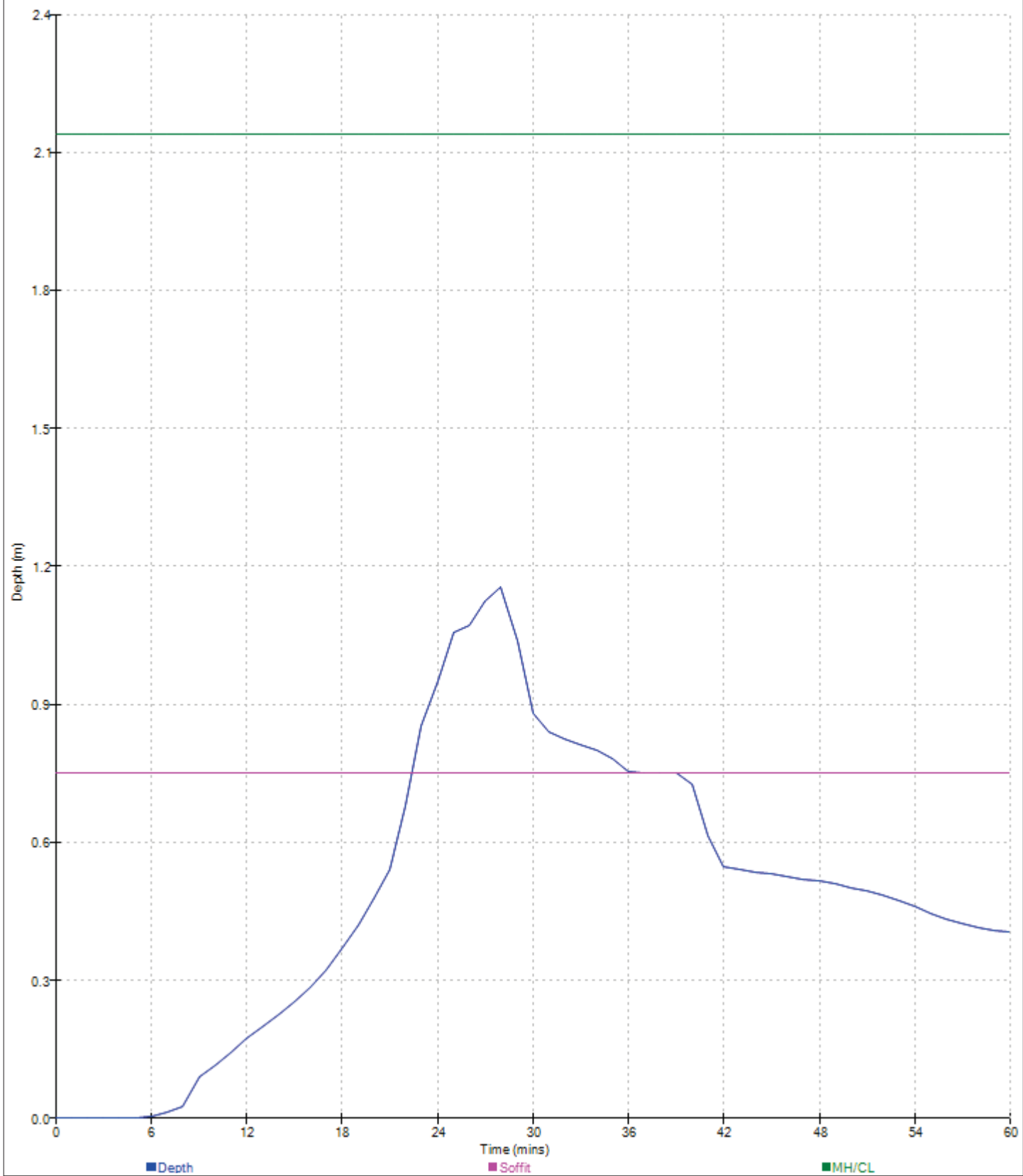
Graphs for Pipe 1.006 US/MH SWMH16 (SW NE)
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 Status: SURCHARGED



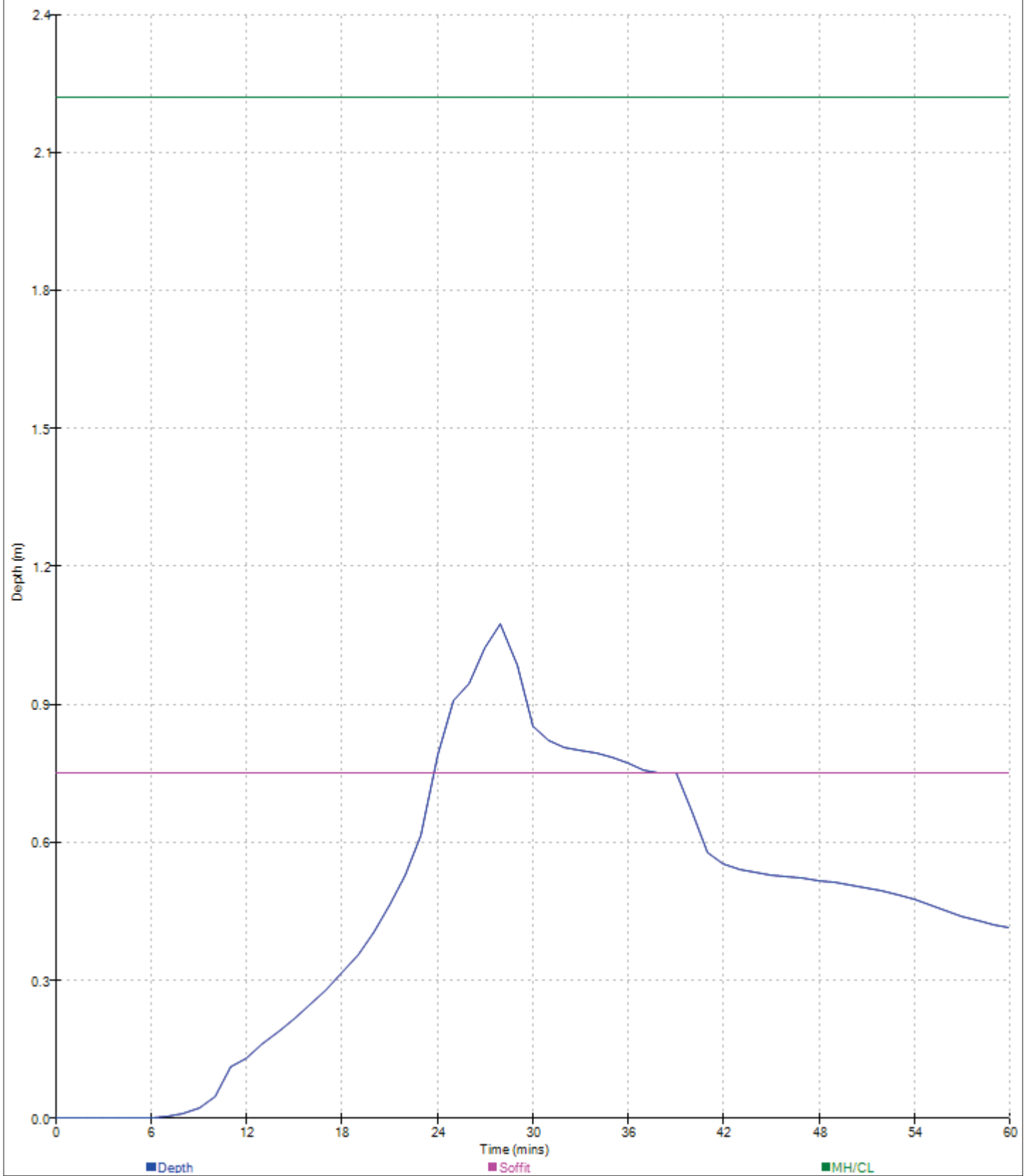
Graphs for Pipe 1.007 US/MH SWMH17 (SW NE)
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 Status: SURCHARGED



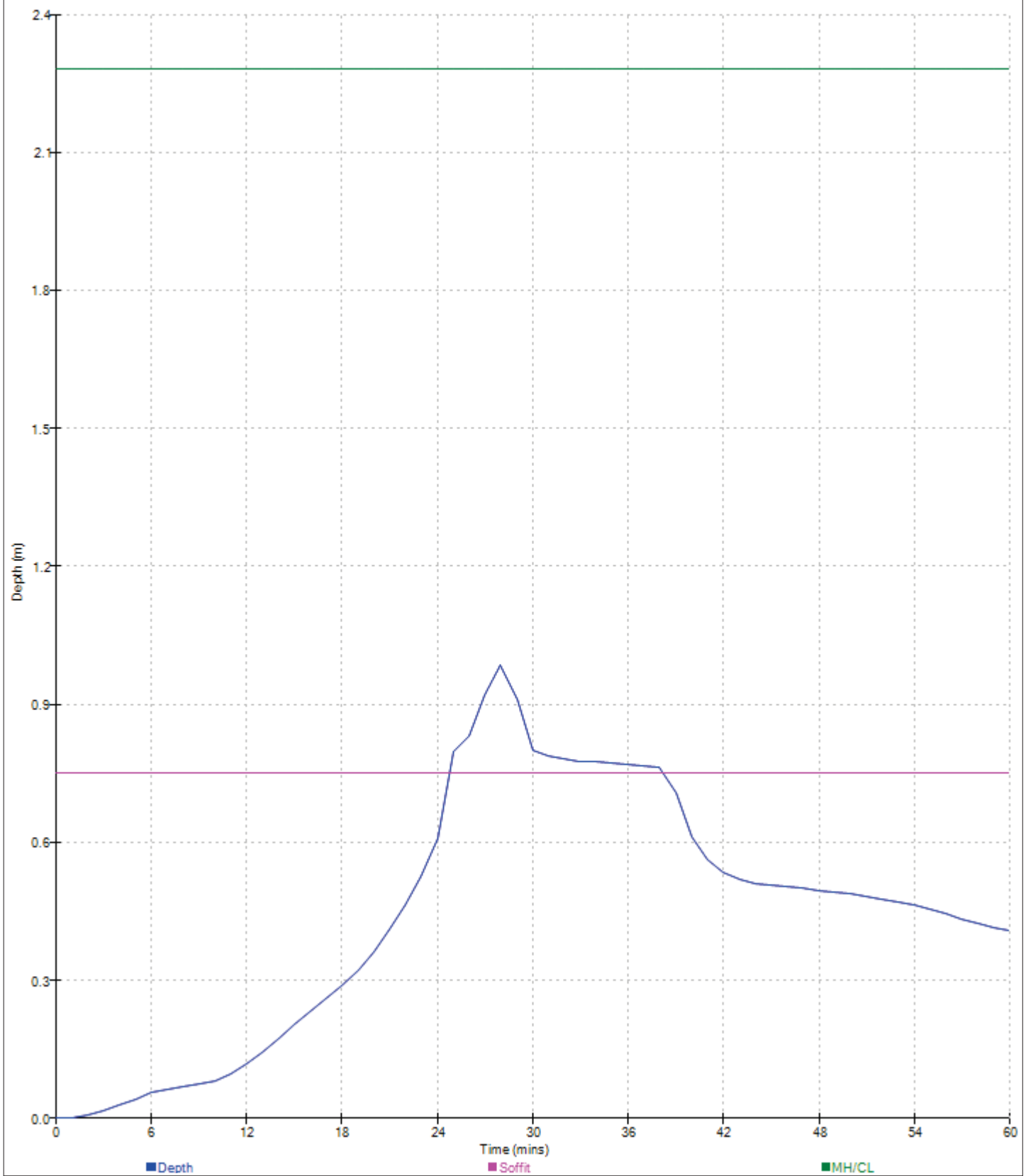
Graphs for Pipe 1.008 US/MH SWMH18 (SW NE)
 30 minute 100 year Winter I+40%
 Status: SURCHARGED



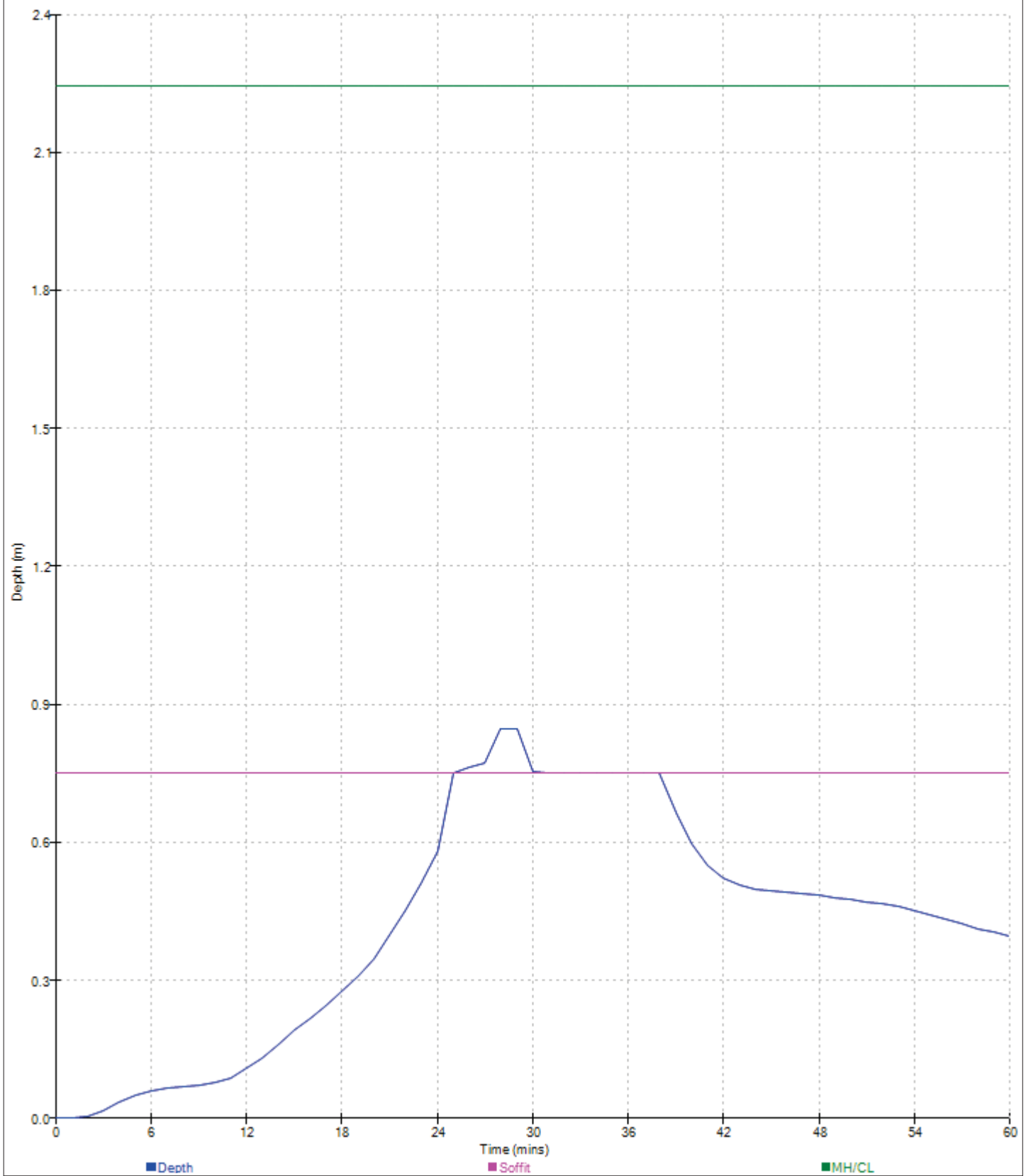
Graphs for Pipe 1.009 US/MH SWMH19 (SW NE)
30 minute 100 year Winter I+40%
Status: SURCHARGED



Graphs for Pipe 1.010 US/MH SWMH20 (SW NE)
 30 minute 100 year Winter I+40%
 Status: SURCHARGED



Graphs for Pipe 1.011 US/MH SWMH21 (SW NE)
 30 minute 100 year Winter I+40%
 Status: SURCHARGED



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