

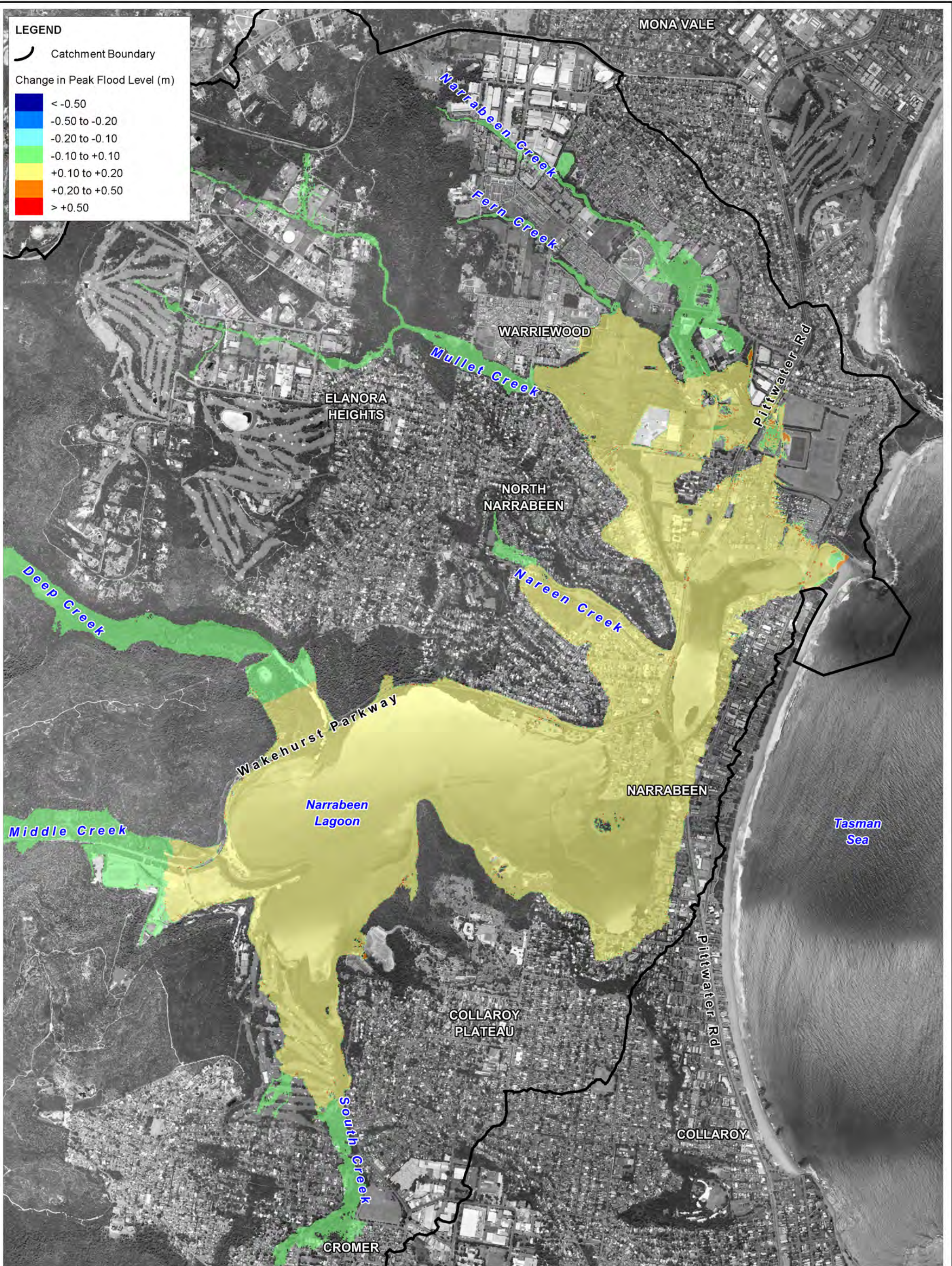
Title:  
**Narrabeen Lagoon Flood Study - Change in Peak Flood Level  
 Higher Initial Berm Height (1% AEP Catchment Event)**

Figure:  
**A-47**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





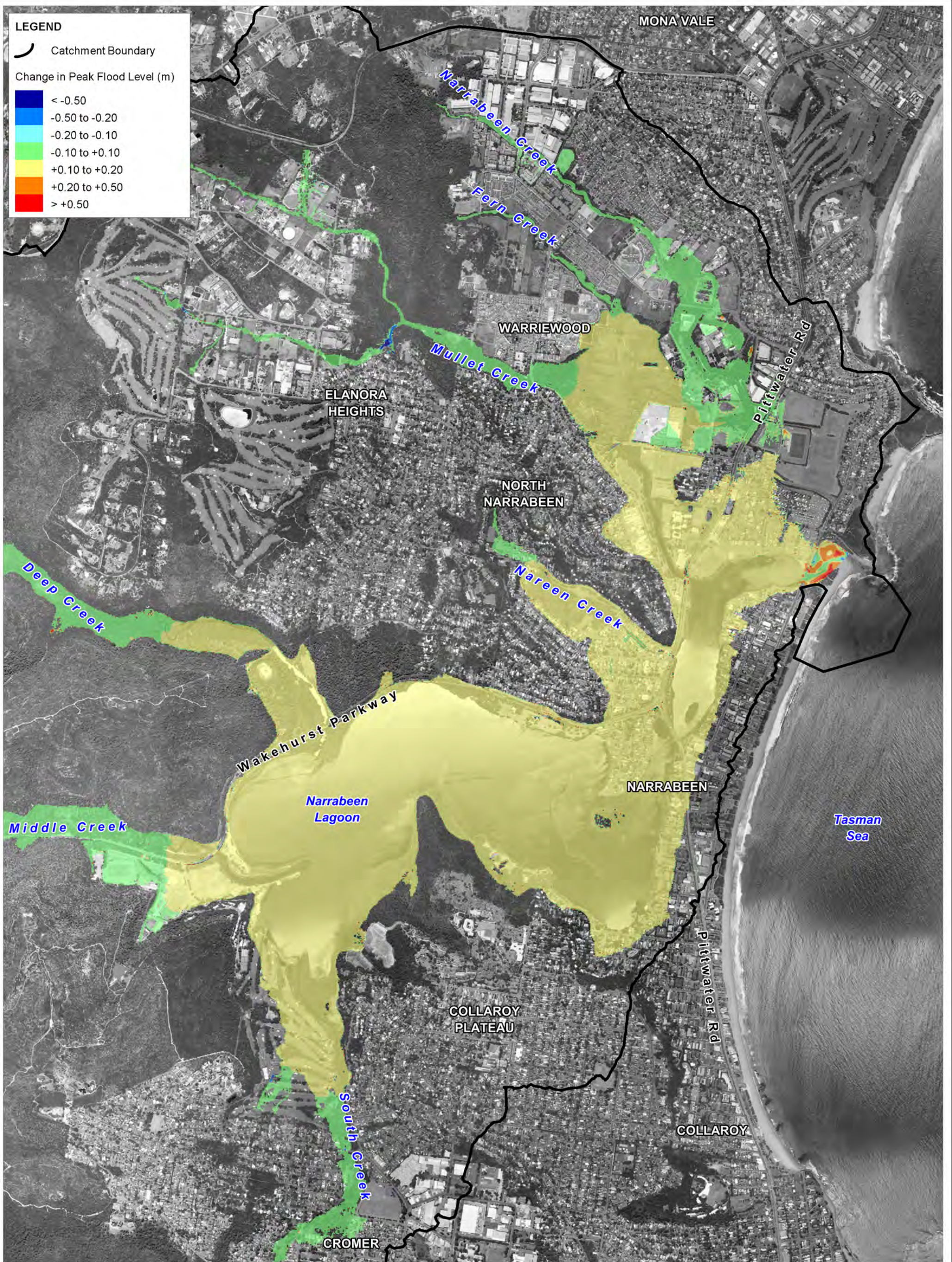
Title:  
**Narrabeen Lagoon Flood Study - Change in Peak Flood Level  
 Higher Initial Berm Height (1% AEP Catchment + 5% AEP Ocean Event)**

Figure:  
**A-48**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





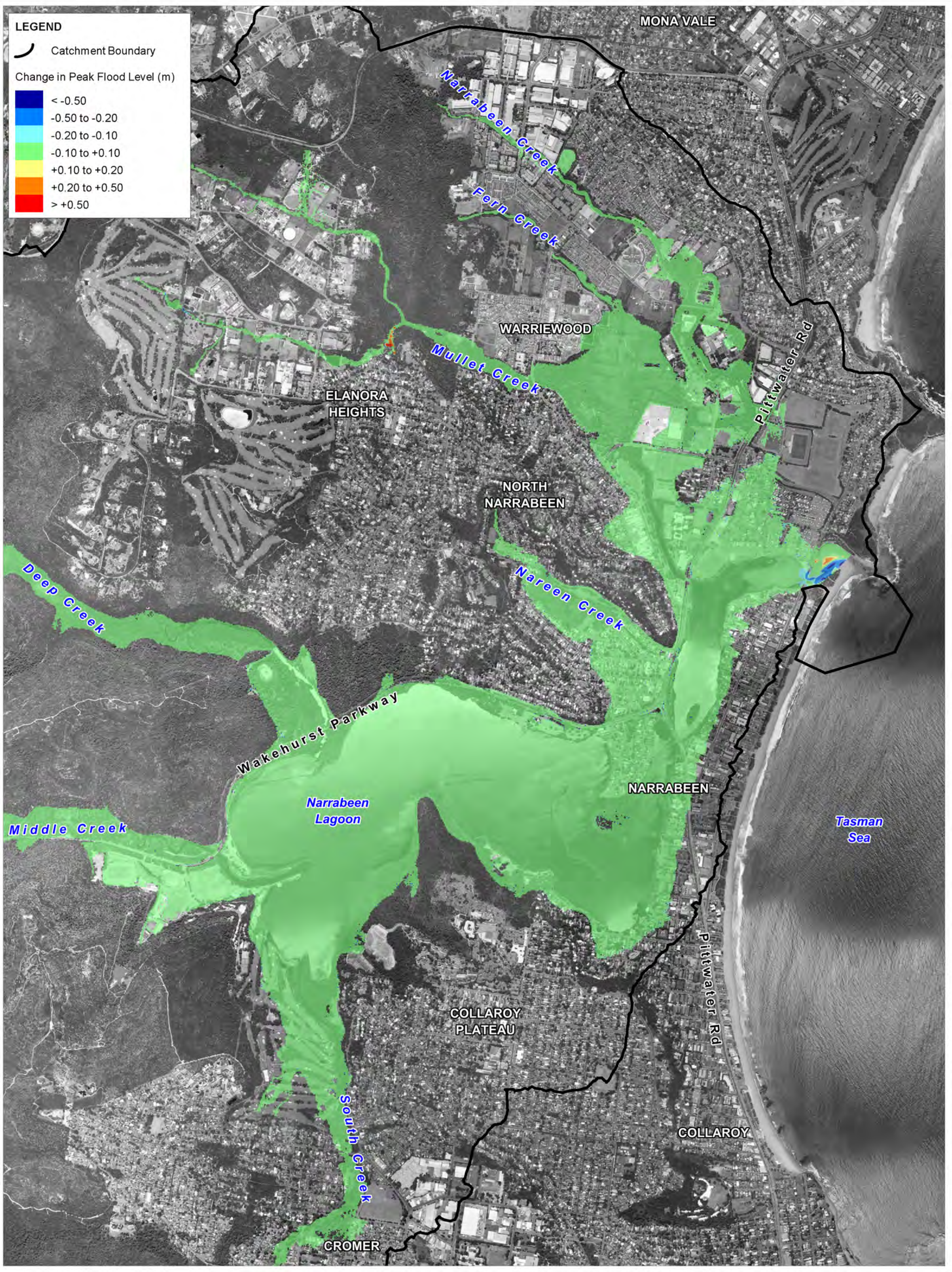
Title:  
**Narrabeen Lagoon Flood Study - Change in Peak Flood Level  
 Lower Rainfall Losses (1% AEP Catchment Event)**

Figure:  
**A-49**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.



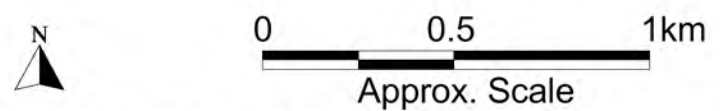


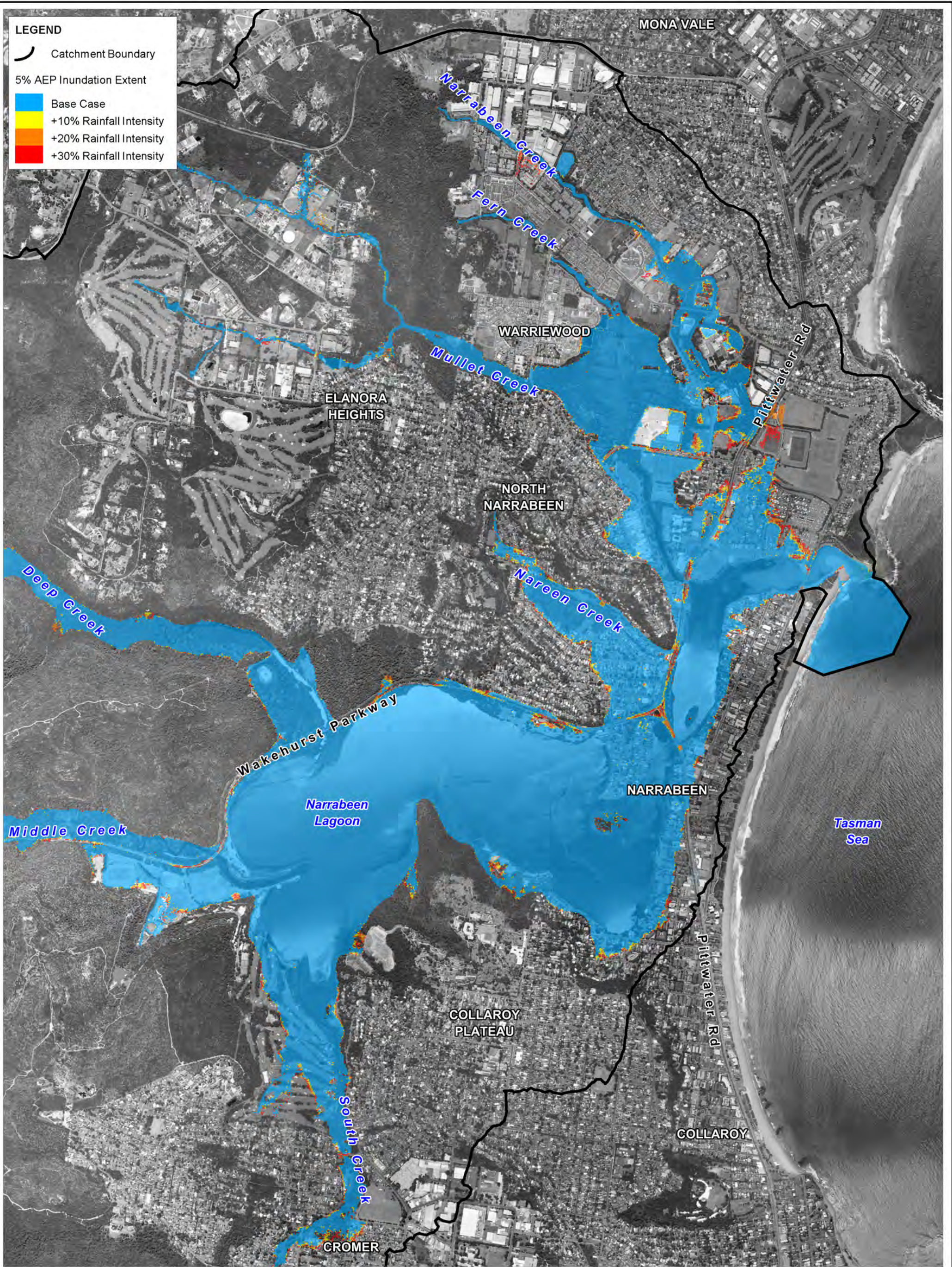
Title:  
**Narrabeen Lagoon Flood Study - Change in Peak Flood Level  
 Higher Rainfall Losses (1% AEP Catchment Event)**

Figure:  
**A-50**






Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





**LEGEND**

-  Catchment Boundary
- 5% AEP Inundation Extent**
-  Base Case
-  +10% Rainfall Intensity
-  +20% Rainfall Intensity
-  +30% Rainfall Intensity

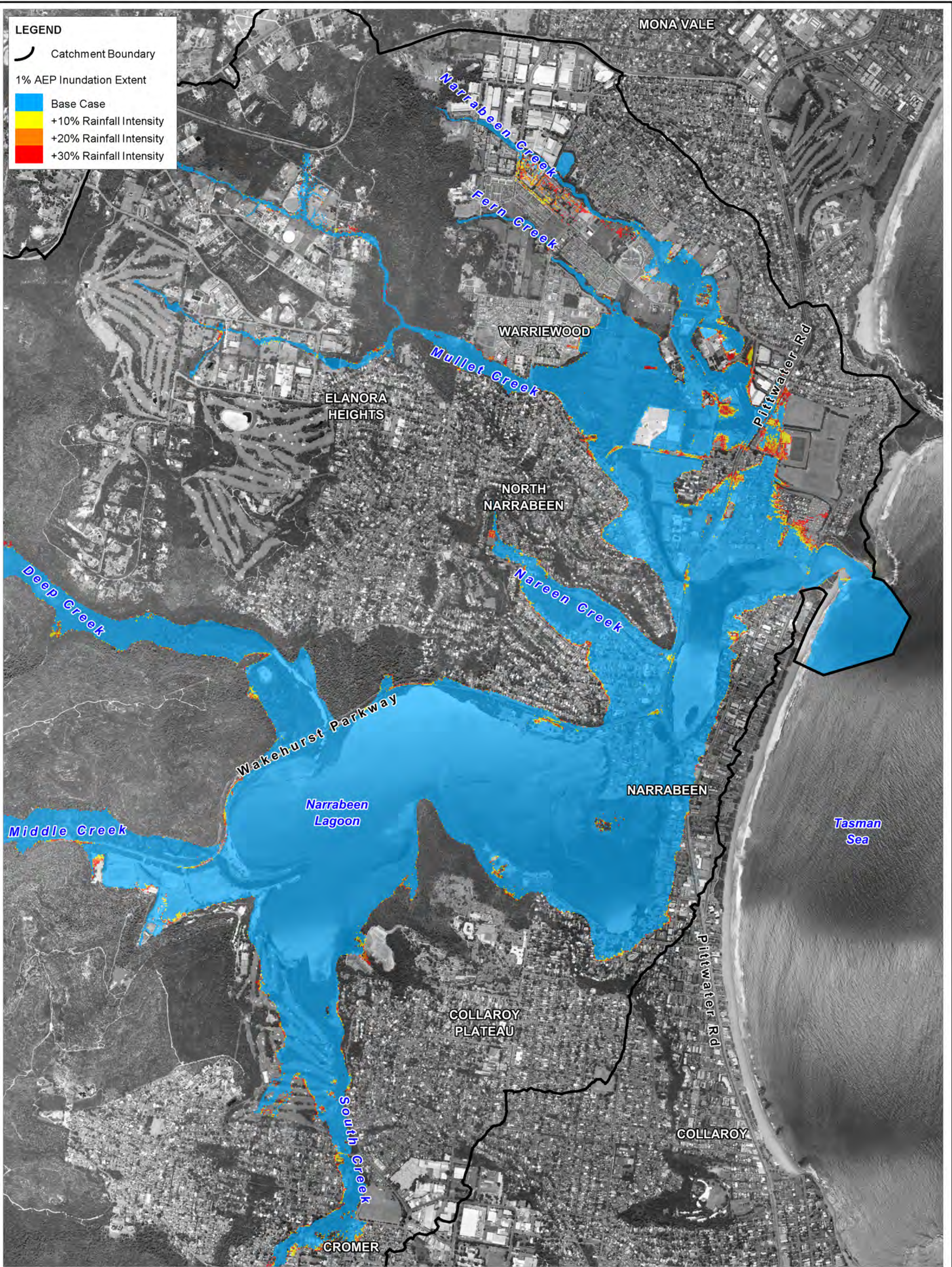
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**5% AEP Catchment Derived Event + Rainfall Intensity Increase**

Figure:  
**A-51**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.



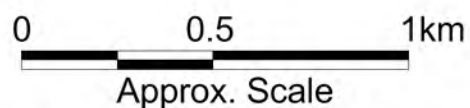


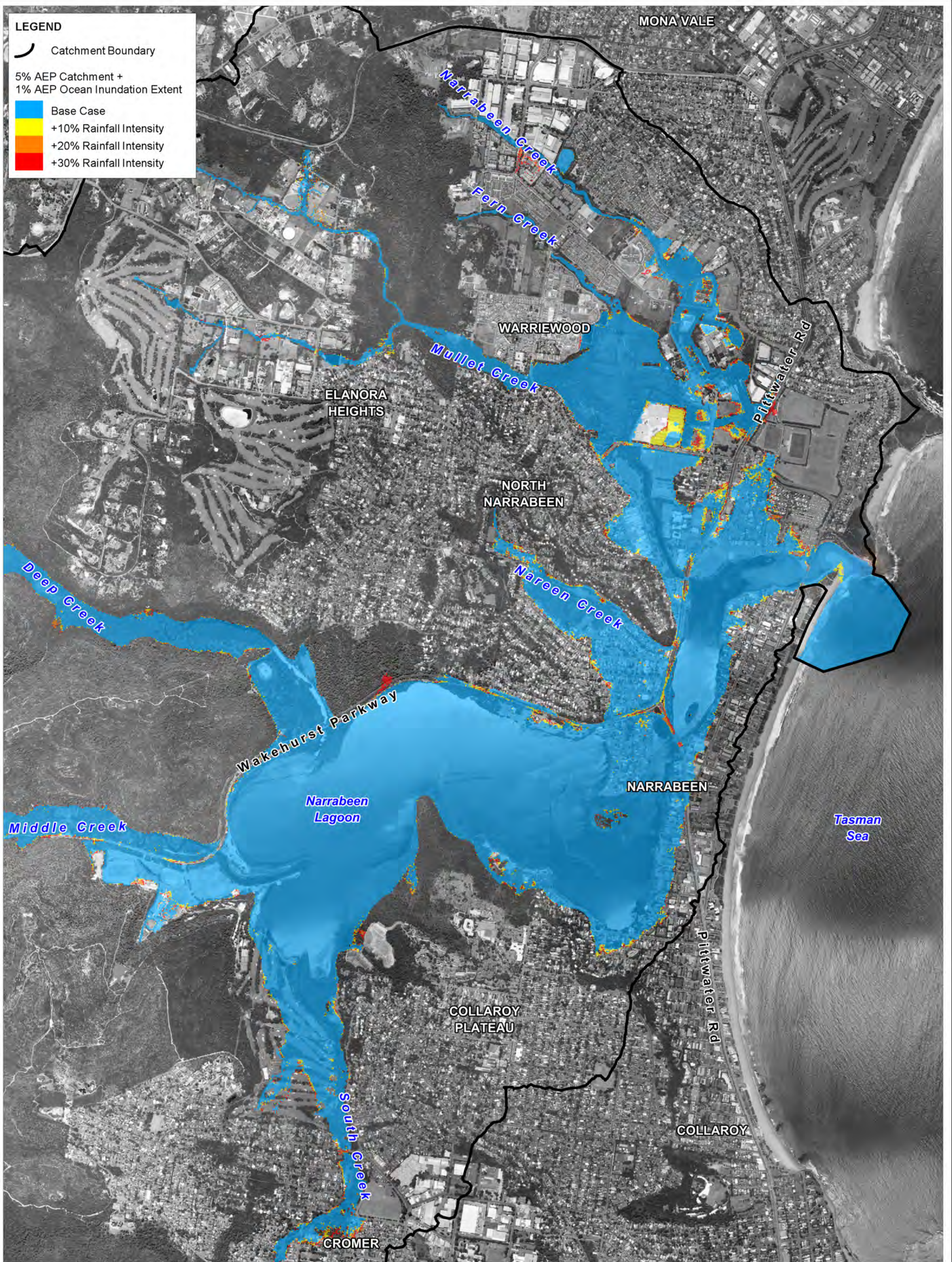
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**1% AEP Catchment Derived Event + Rainfall Intensity Increase**

Figure:  
**A-52**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





**LEGEND**

- Catchment Boundary
- 5% AEP Catchment + 1% AEP Ocean Inundation Extent
- Base Case
- +10% Rainfall Intensity
- +20% Rainfall Intensity
- +30% Rainfall Intensity

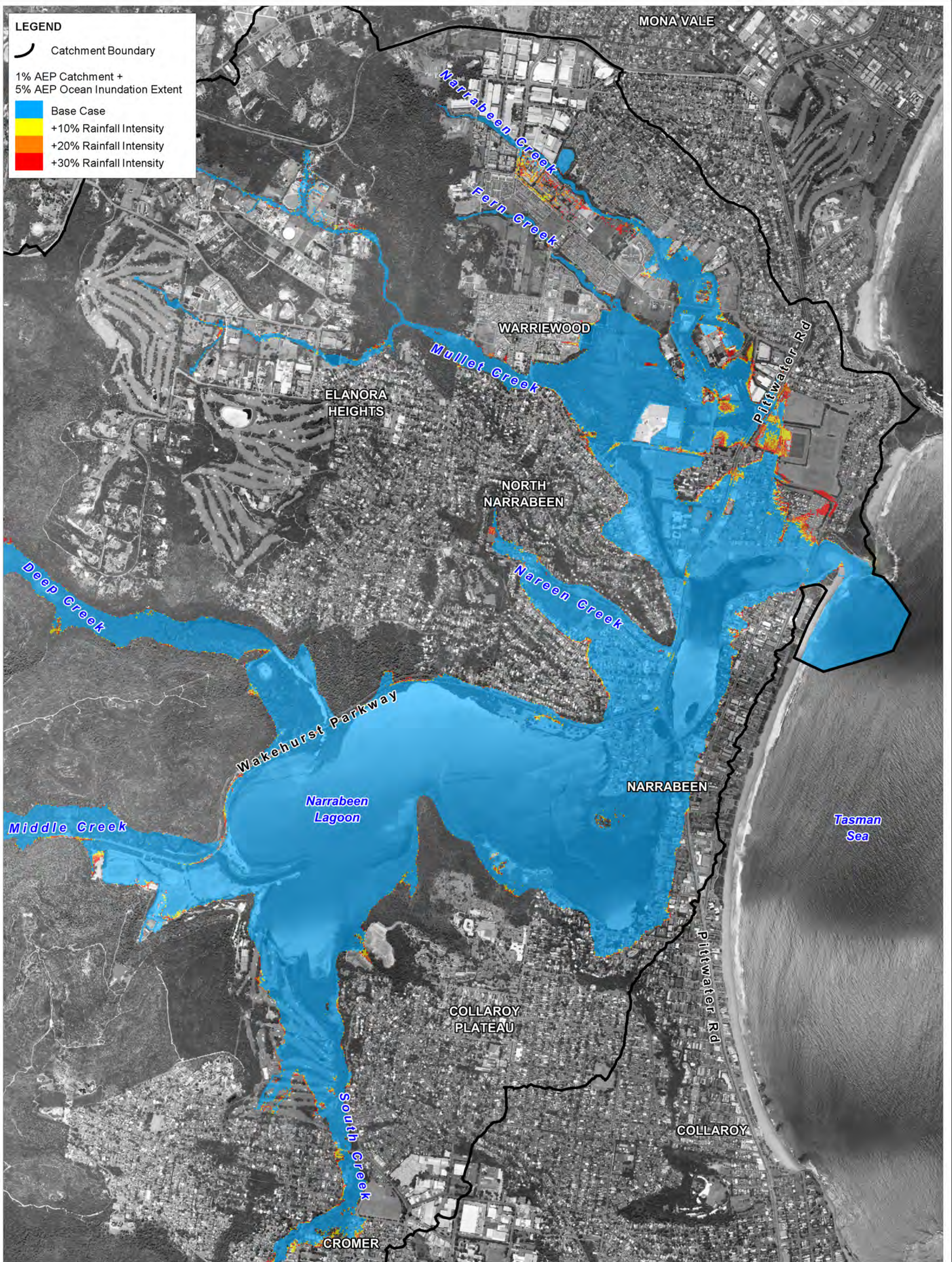
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**5% AEP Catchment + 1% AEP Ocean Coincident Event + Rainfall Intensity Increase**

Figure:  
**A-53**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.



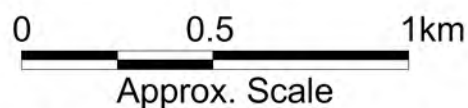


Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**1% AEP Catchment + 5% AEP Ocean Coincident Event + Rainfall Intensity Increase**

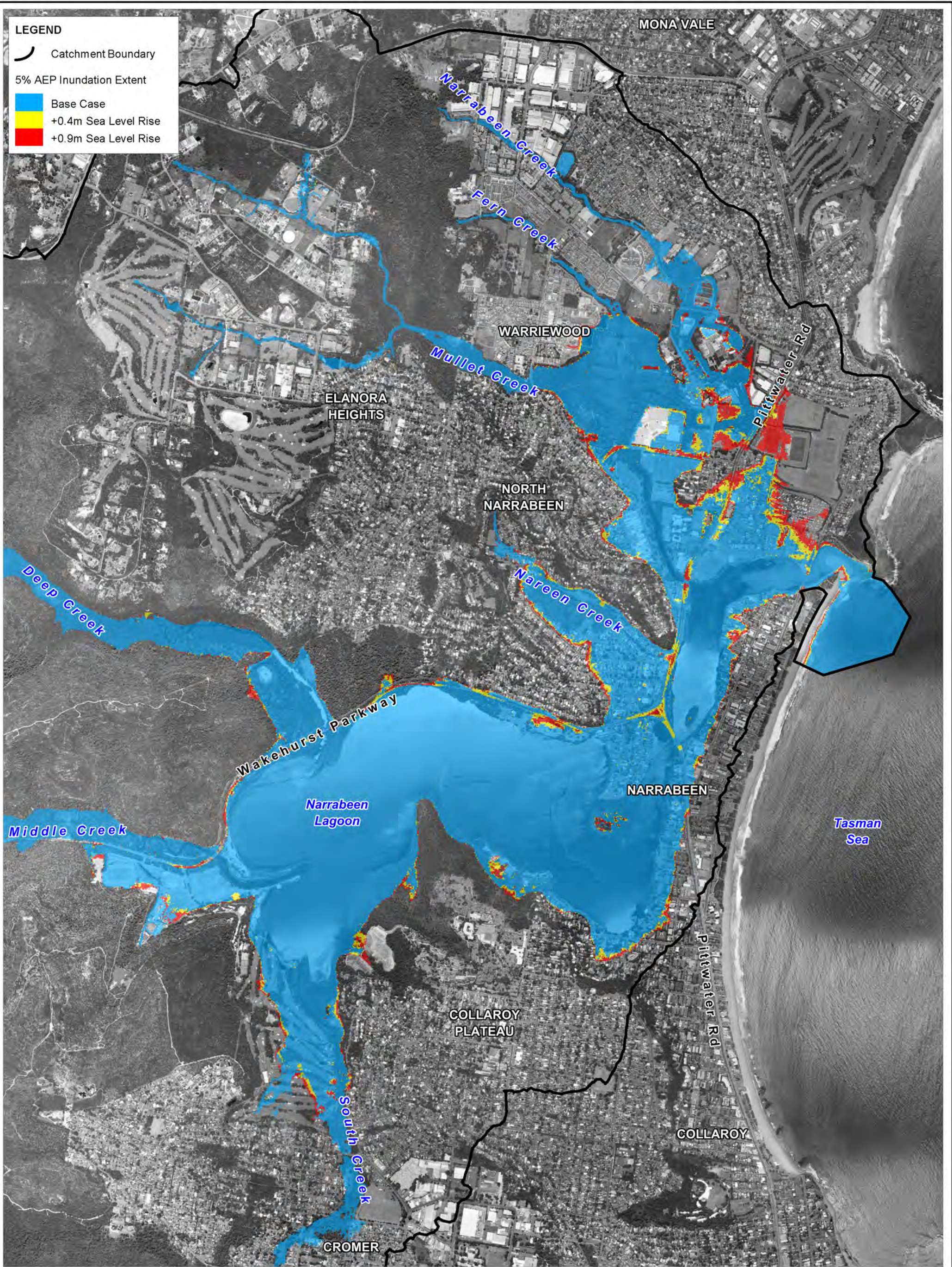
Figure:  
**A-54**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





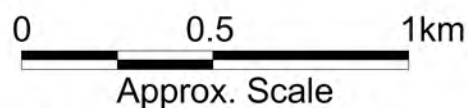


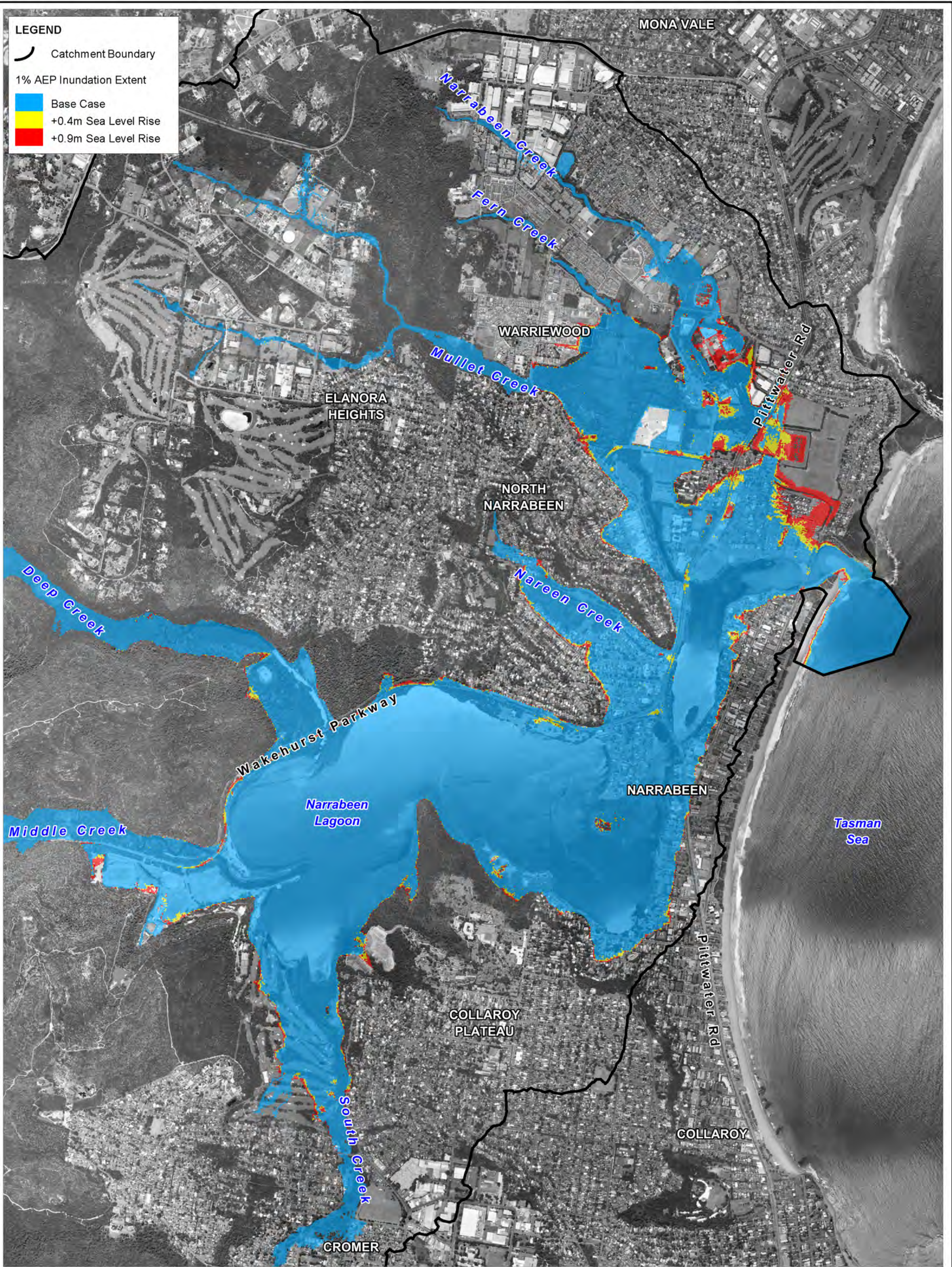
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**5% AEP Catchment Derived Event + Sea Level Rise**

Figure:  
**A-55**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.



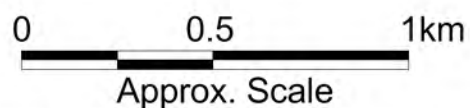


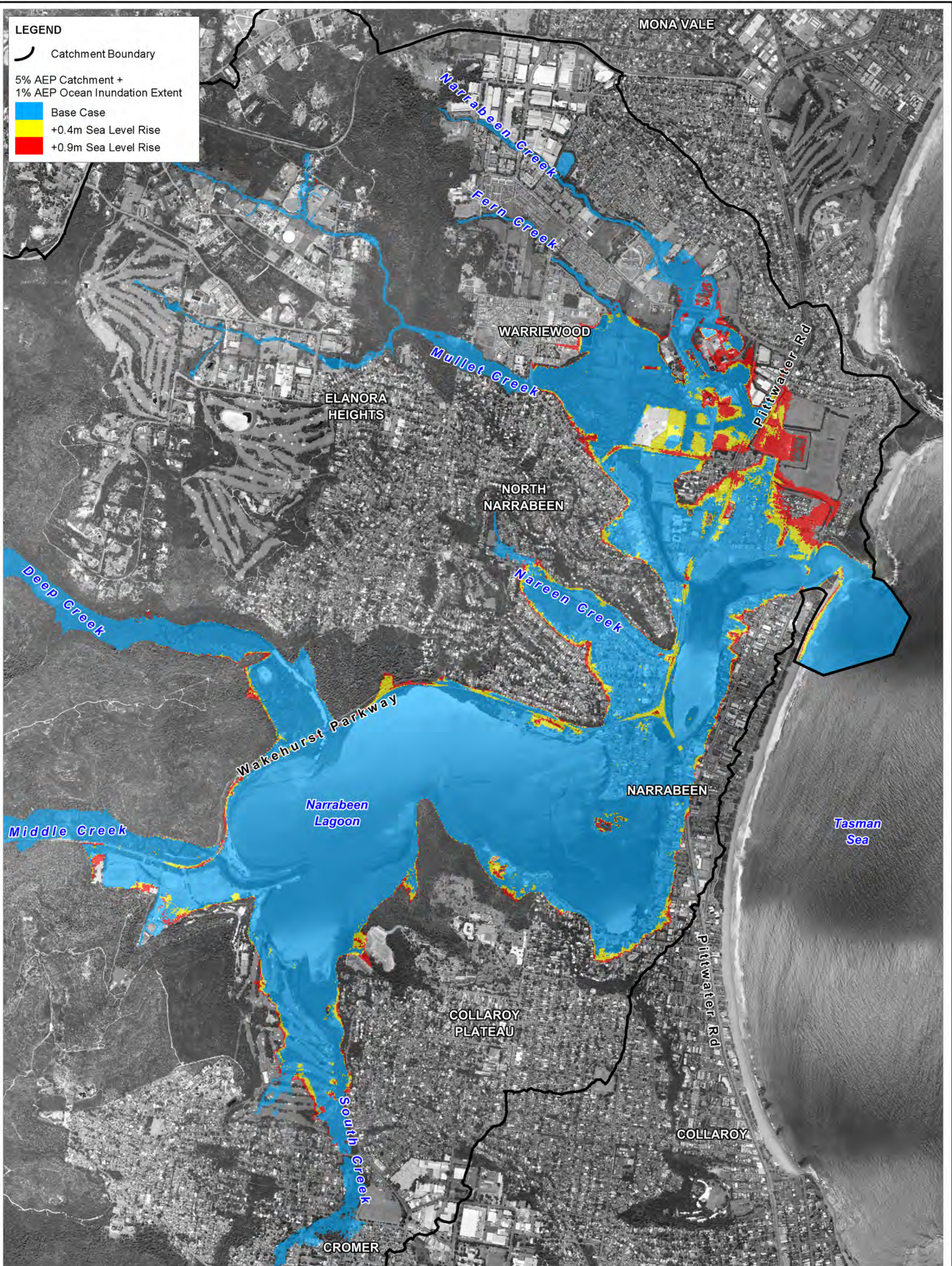
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**1% AEP Catchment Derived Event + Sea Level Rise**

Figure:  
**A-56**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

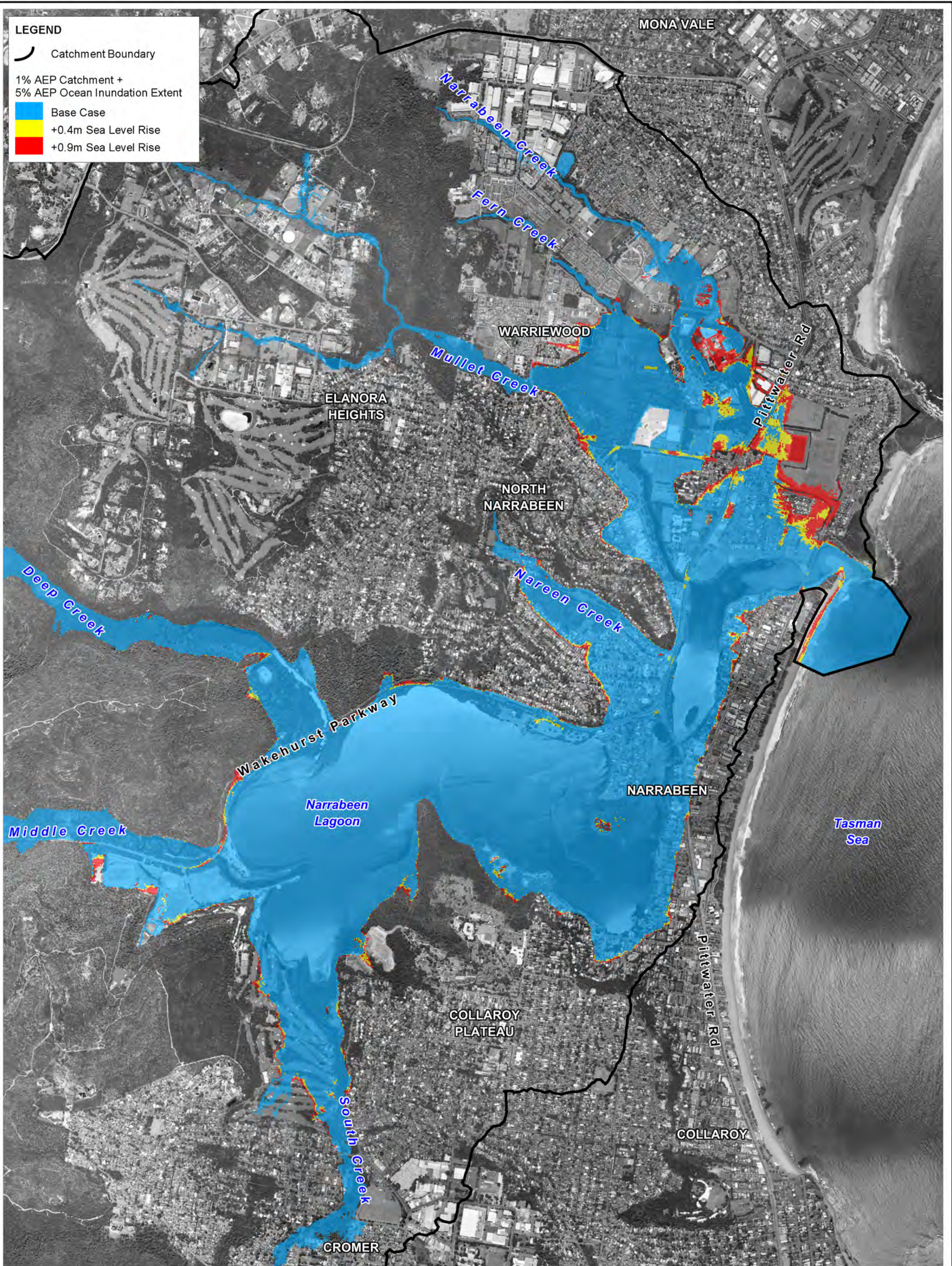




**LEGEND**

- Catchment Boundary
- 5% AEP Catchment + 1% AEP Ocean Inundation Extent
- Base Case
- +0.4m Sea Level Rise
- +0.9m Sea Level Rise

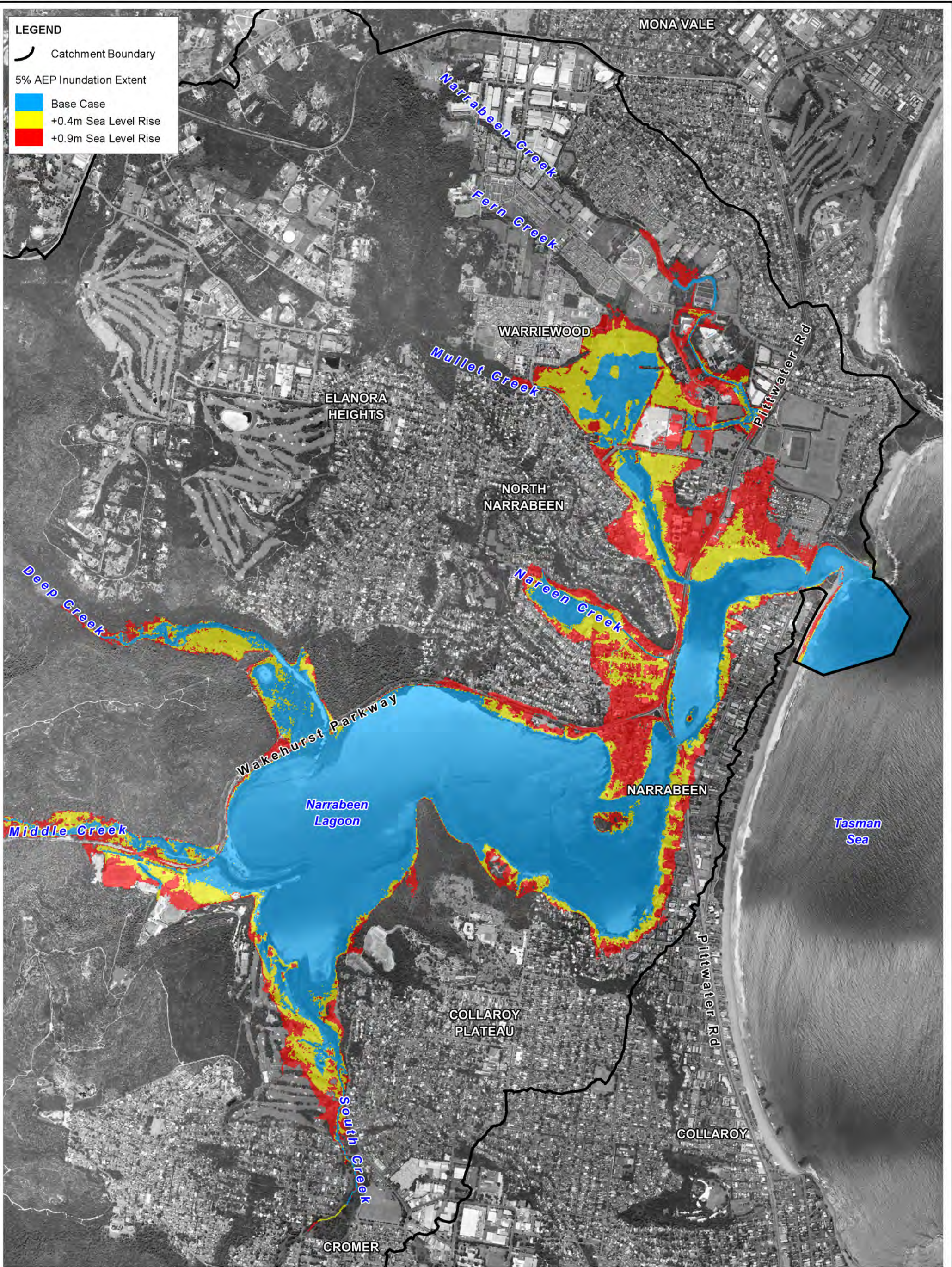
Title: <b>Narrabeen Lagoon Flood Study - Climate Change Scenarios</b> <b>5% AEP Catchment + 1% AEP Ocean Coincident Event + Sea Level Rise</b>		Figure: <b>A-57</b>	Rev: <b>A</b>
<small>BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.</small>	  0      0.5      1km Approx. Scale	 <b>BMT WBM</b> <small>www.bmtwbm.com.au</small>	
<small>Filepath : K:\N2070_Narrabeen_Lagoon_Flood_Study\MI\Workspaces\Design_Mapping_A3\Final_Design_Maps\Fig_A_57_CC_5%AEPCatchment_1%AEPOcean_SLR.WOR</small>			



**LEGEND**

- Catchment Boundary
- 1% AEP Catchment + 5% AEP Ocean Inundation Extent
- Base Case
- +0.4m Sea Level Rise
- +0.9m Sea Level Rise

Title: <b>Narrabeen Lagoon Flood Study - Climate Change Scenarios</b> <b>1% AEP Catchment + 5% AEP Ocean Coincident Event + Sea Level Rise</b>		Figure: <b>A-58</b>	Rev: <b>A</b>
<small>BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.</small>	<p>0      0.5      1km Approx. Scale</p>	<p><b>BMT WBM</b> www.bmtwbm.com.au</p>	
<small>Filepath : K:\N2070_Narrabeen_Lagoon_Flood_Study\MI\Workspaces\Design_Mapping_A3\Final_Design_Maps\Fig_A_58_CC_1%AEPCatchment_5%AEPOcean_SLR.WOR</small>			

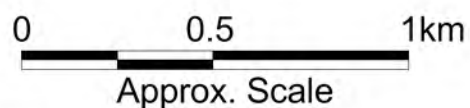


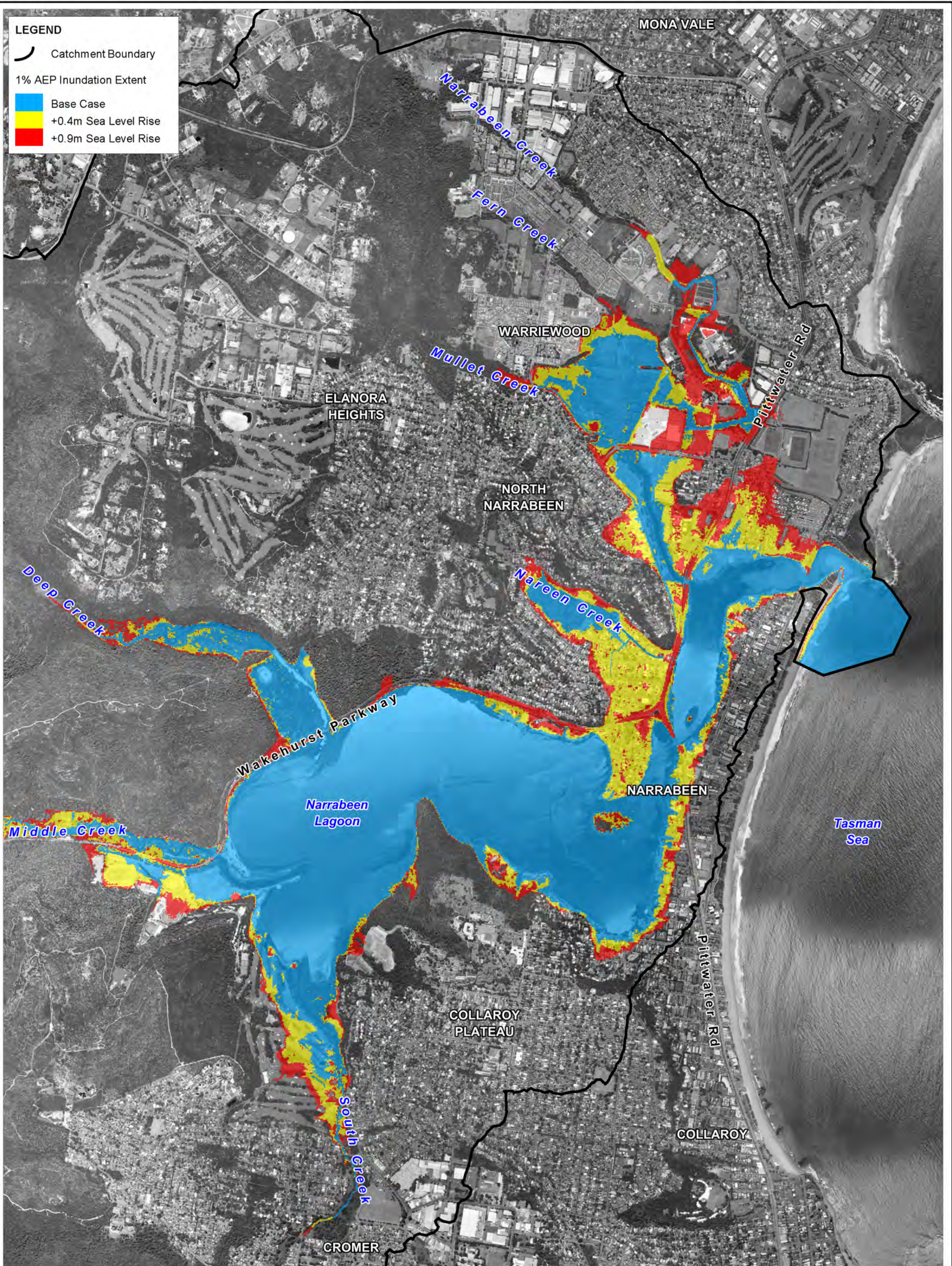
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**5% Ocean Derived Event + Sea Level Rise**

Figure:  
**A-59**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.



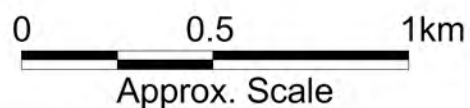


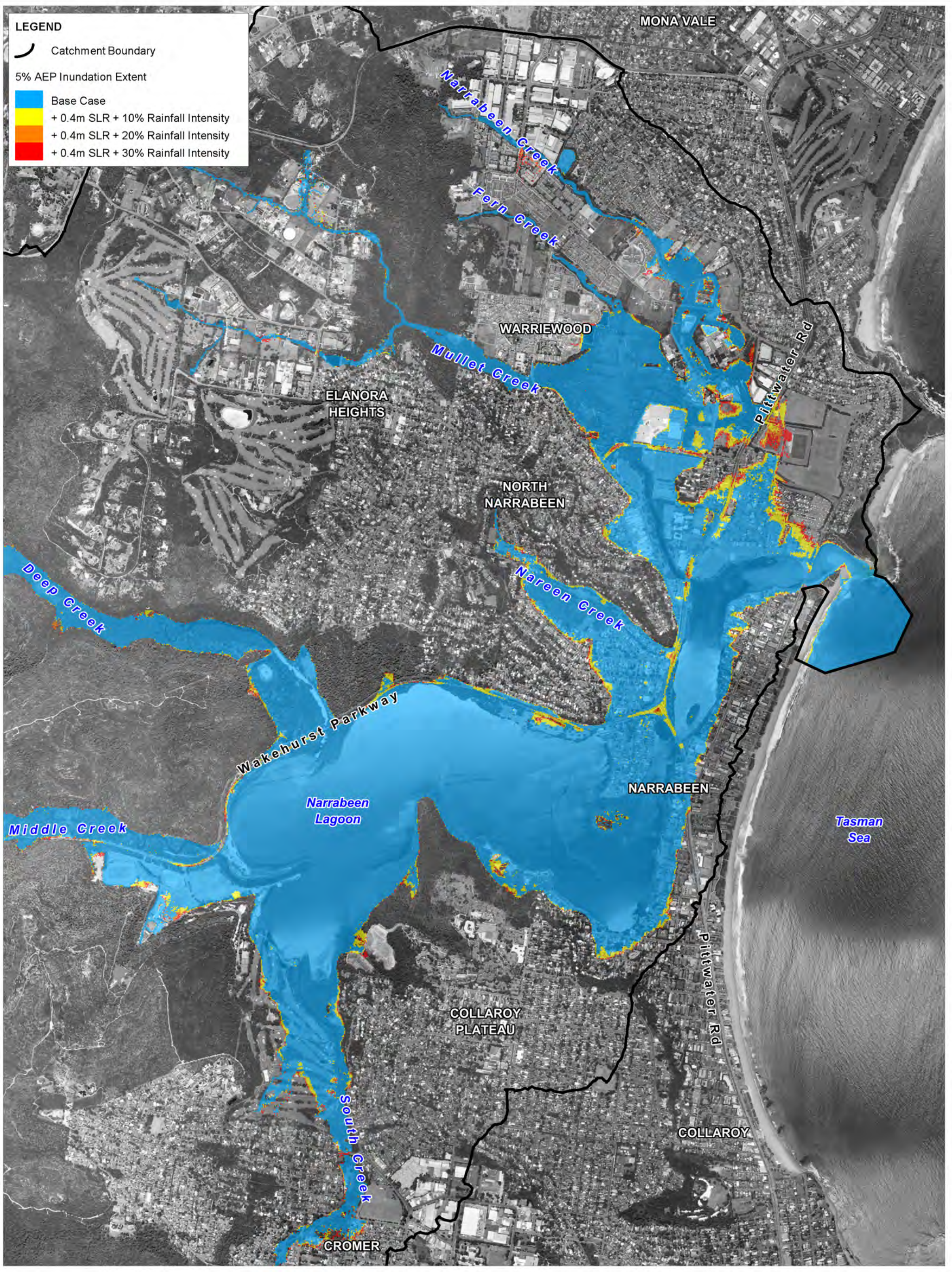
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**1% Ocean Derived Event + Sea Level Rise**

Figure:  
**A-60**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





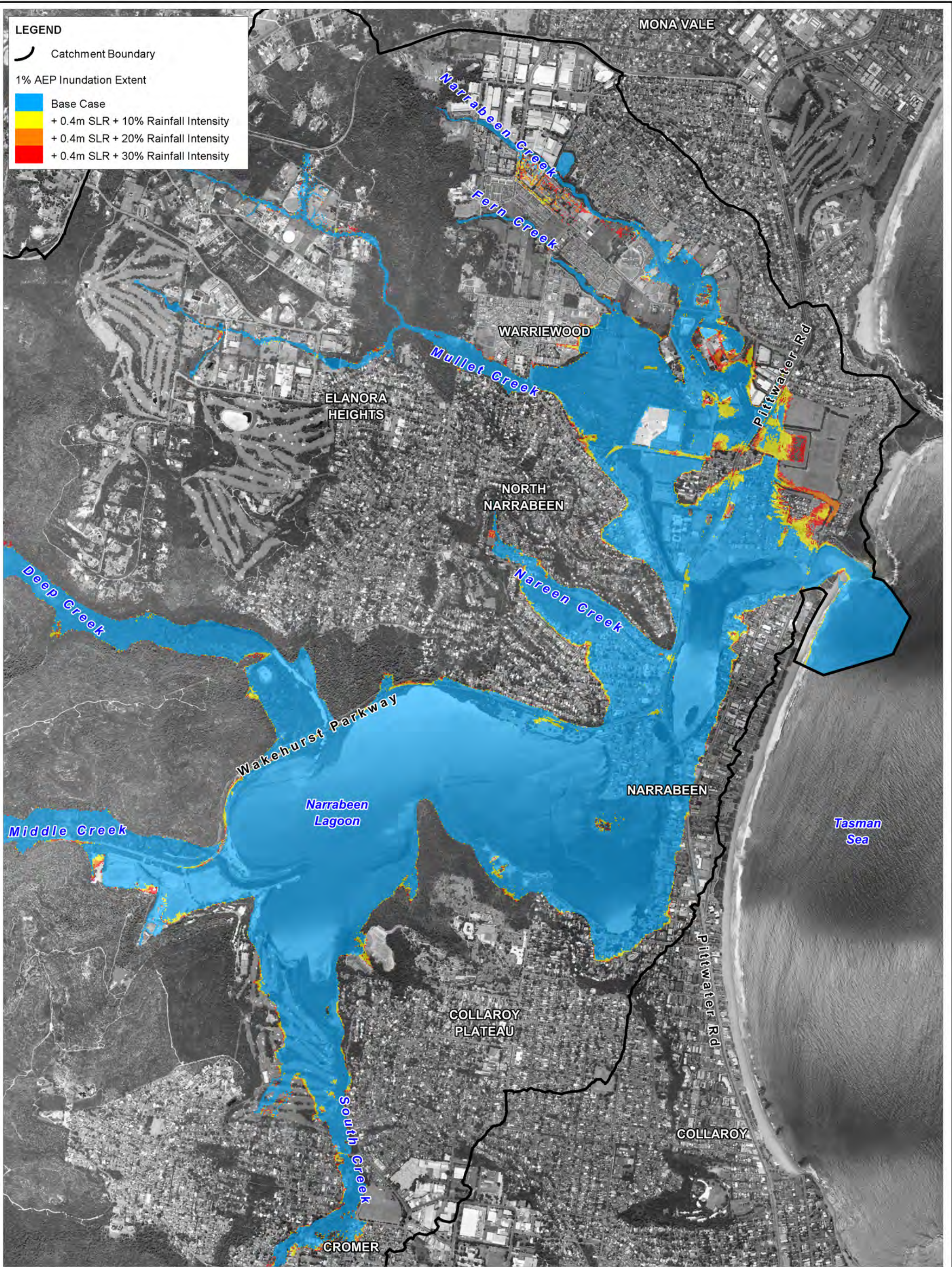
**LEGEND**

— Catchment Boundary

5% AEP Inundation Extent

- Base Case
- + 0.4m SLR + 10% Rainfall Intensity
- + 0.4m SLR + 20% Rainfall Intensity
- + 0.4m SLR + 30% Rainfall Intensity

Title: <b>Narrabeen Lagoon Flood Study - Climate Change Scenarios</b> <b>5% AEP Catchment Derived Event + 0.4m SLR + Rainfall Intensity Increase</b>		Figure: <b>A-61</b>	Rev: <b>A</b>
<small>BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.</small>	 Approx. Scale		
Filepath : K:\N2070_Narrabeen_Lagoon_Flood_Study\MI\Workspaces\Design_Mapping_A3\Final_Design_Maps\Fig_A_61_CC_5% AEP_Catchment_2050SLR_Rainfall.WOR			



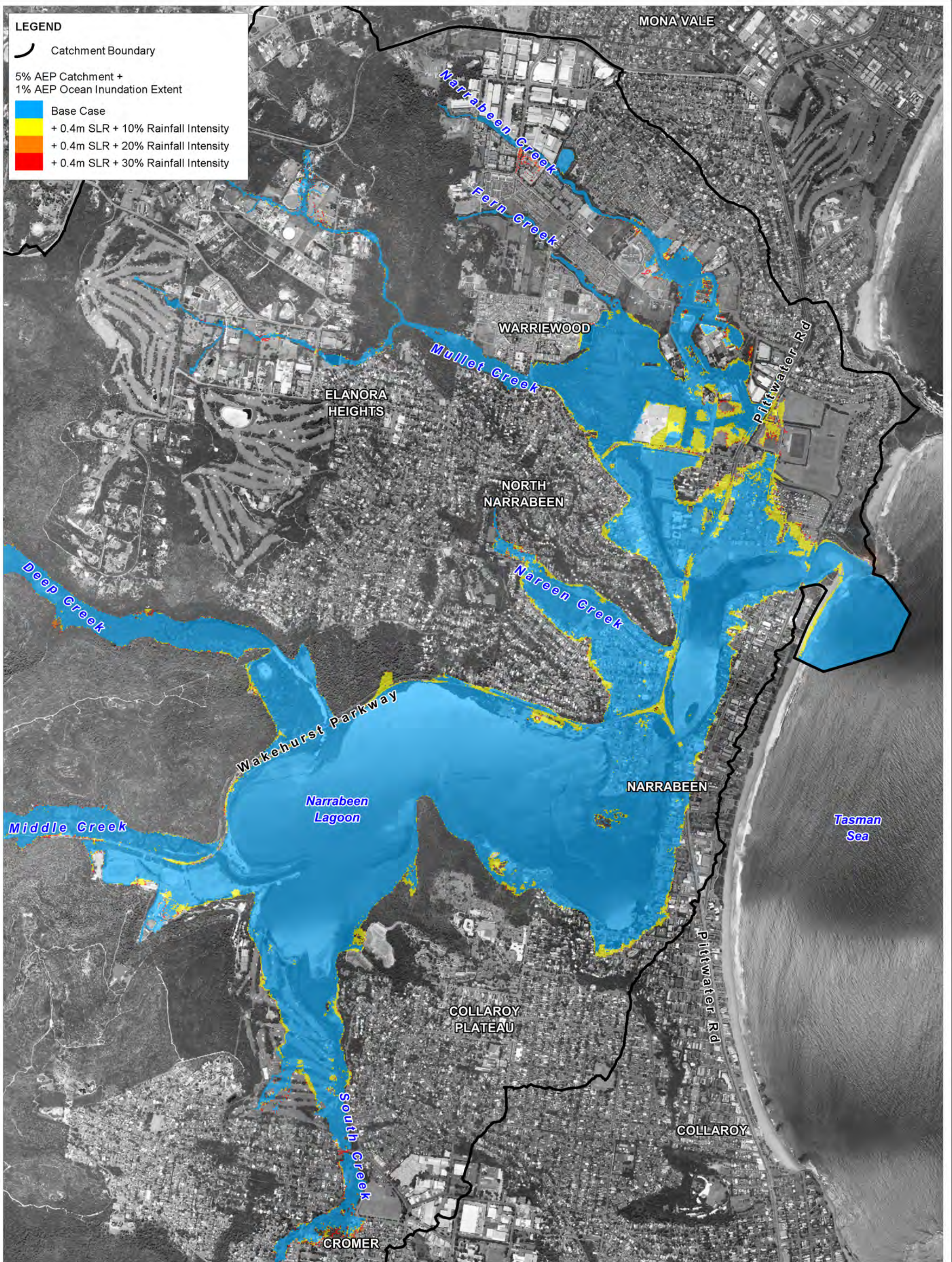
Title: **Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**1% AEP Catchment Derived Event + 0.4m SLR + Rainfall Intensity Increase**

Figure: **A-62**      Rev: **A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





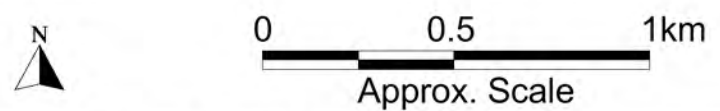


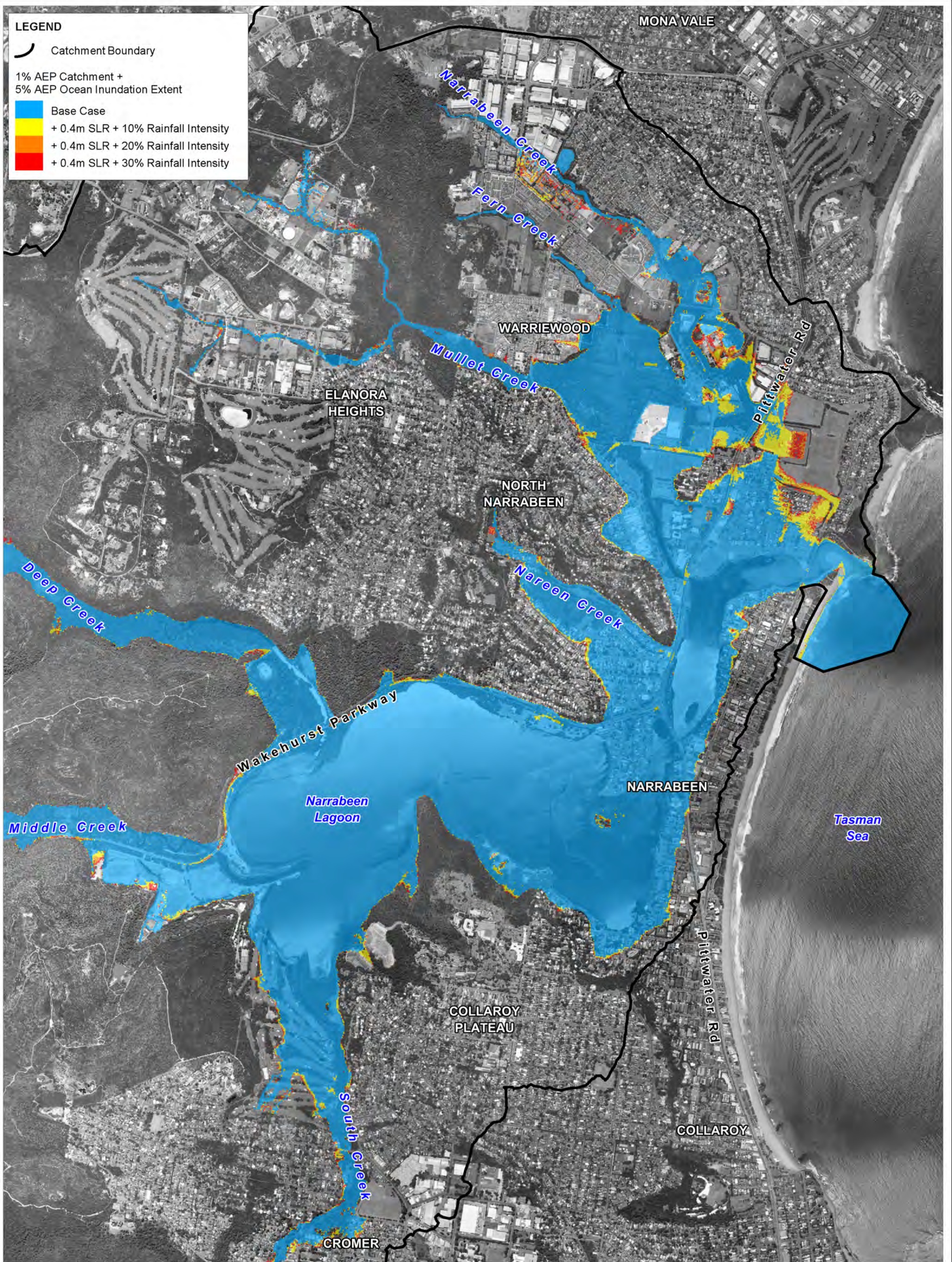
Title: **Narrabeen Lagoon Flood Study - Climate Change Scenarios: 5% AEP Catchment + 1% AEP Ocean Coincident Event + 0.4m SLR + Rainfall Intensity Increase**

Figure: **A-63**

Rev: **A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.



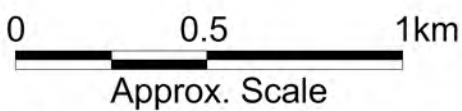


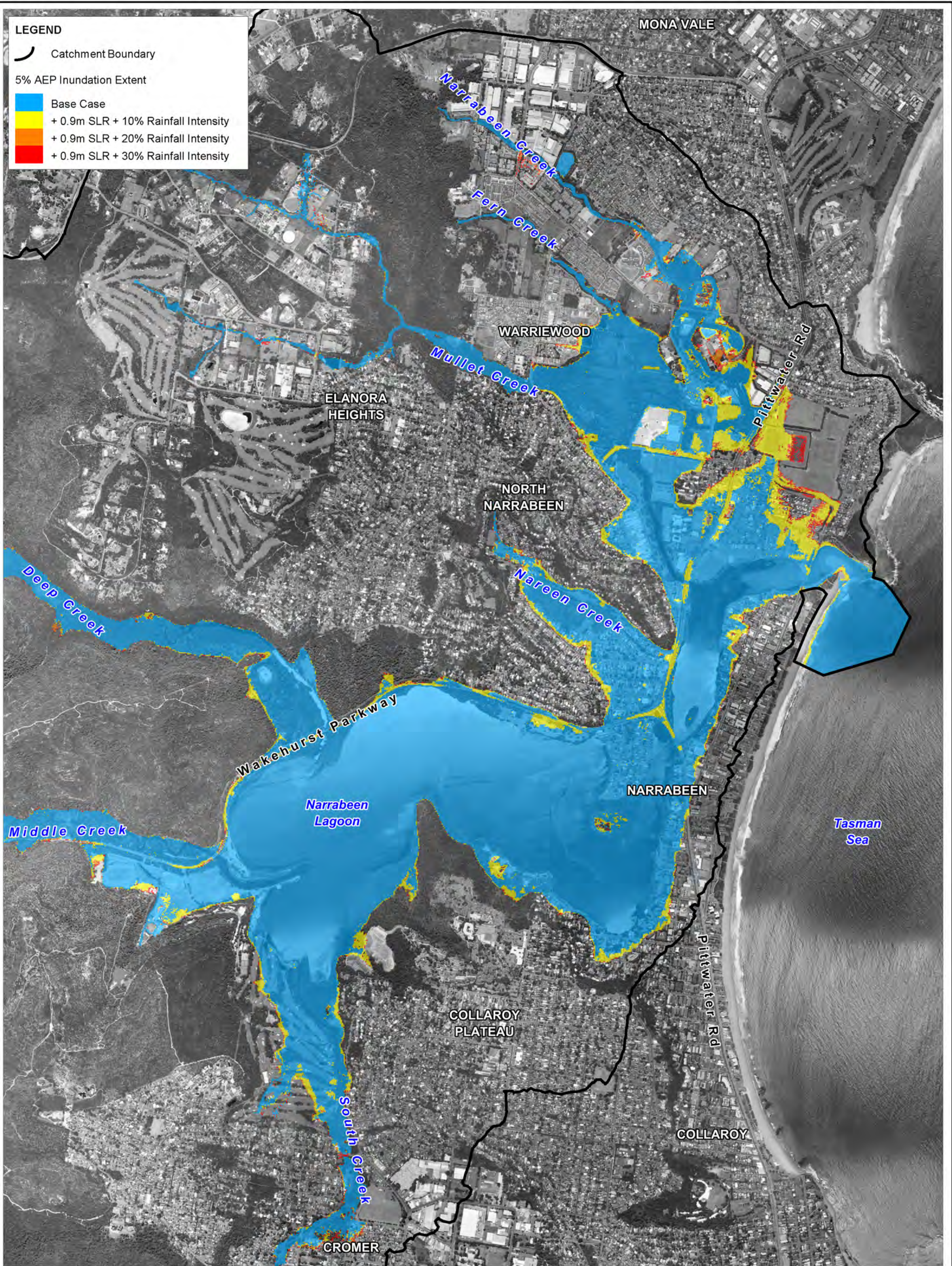
Title: **Narrabeen Lagoon Flood Study - Climate Change Scenarios: 1% AEP Catchment + 5% AEP Ocean Coincident Event + 0.4m SLR + Rainfall Intensity Increase**

Figure: **A-64**

Rev: **A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





**LEGEND**

— Catchment Boundary

5% AEP Inundation Extent

- Base Case
- + 0.9m SLR + 10% Rainfall Intensity
- + 0.9m SLR + 20% Rainfall Intensity
- + 0.9m SLR + 30% Rainfall Intensity

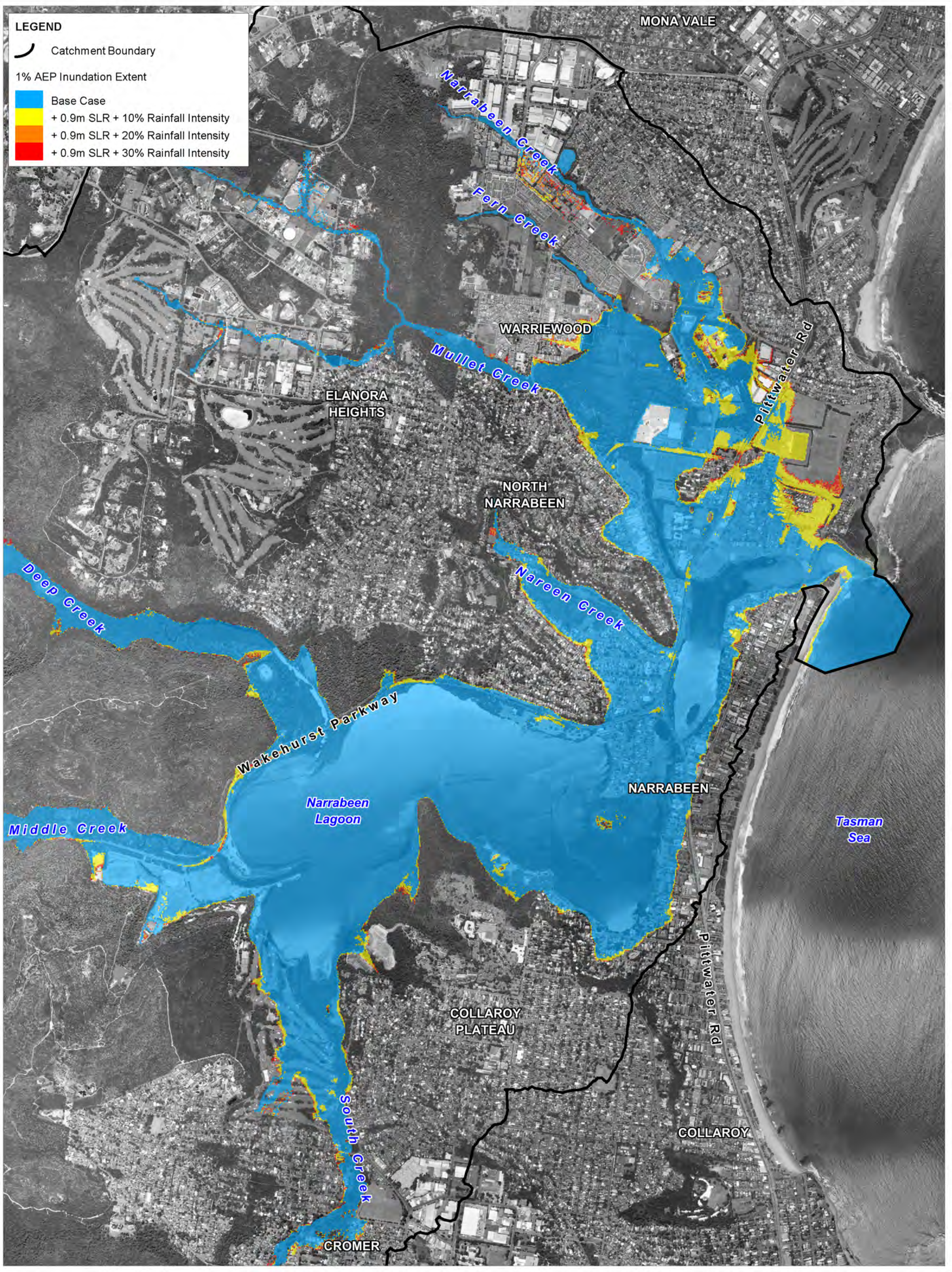
Title:  
**Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**5% AEP Catchment Derived Event + 0.9m SLR + Rainfall Intensity Increase**

Figure:  
**A-65**

Rev:  
**A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

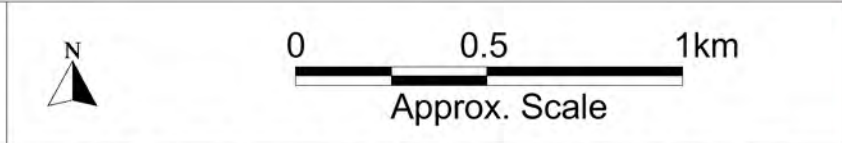


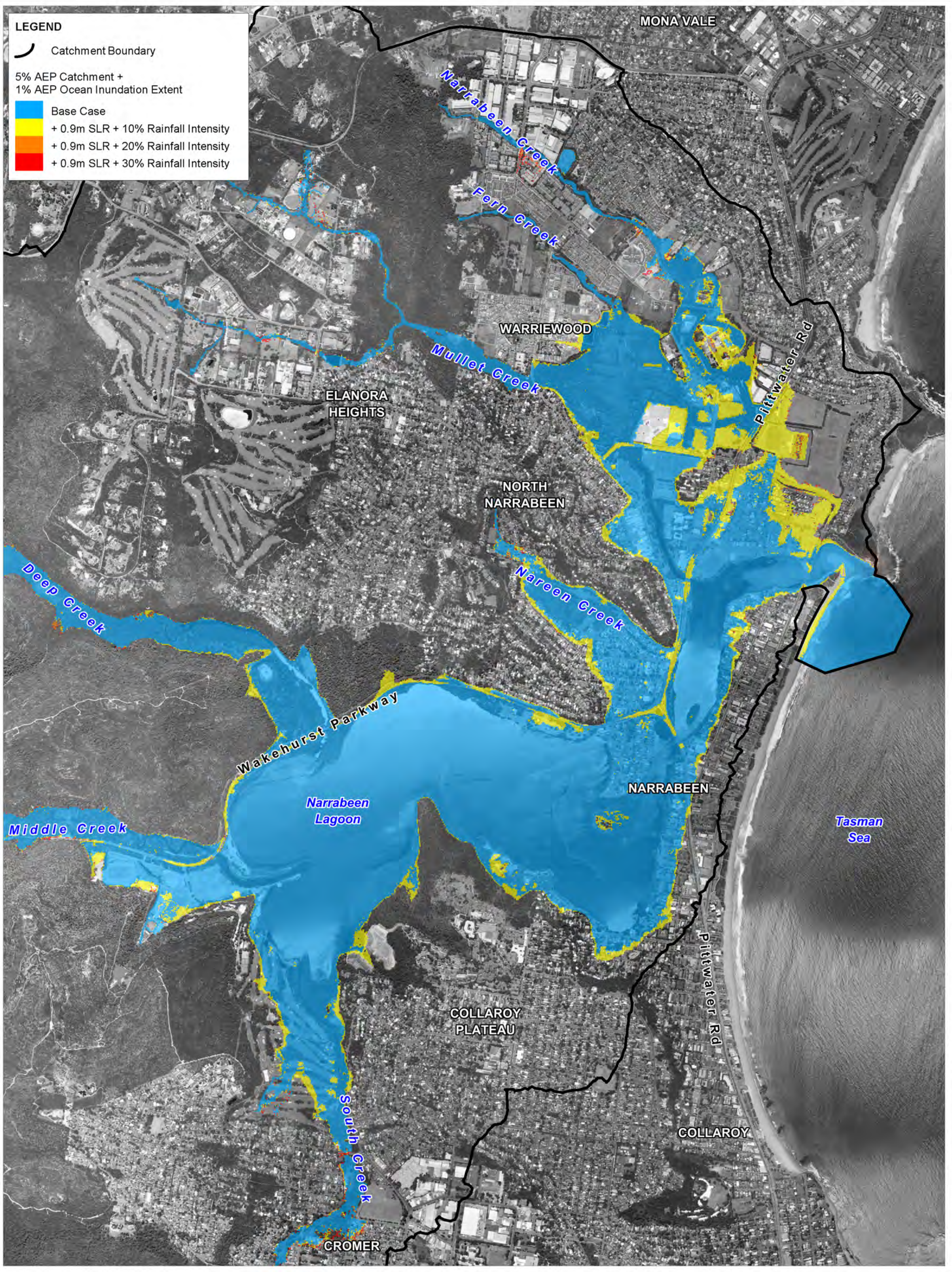


Title: **Narrabeen Lagoon Flood Study - Climate Change Scenarios**  
**1% AEP Catchment Derived Event + 0.9m SLR + Rainfall Intensity Increase**

Figure: **A-66**      Rev: **A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.





Title: **Narrabeen Lagoon Flood Study - Climate Change Scenarios: 5% AEP Catchment + 1% AEP Ocean Coincident Event + 0.9m SLR + Rainfall Intensity Increase**

Figure: **A-67** Rev: **A**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.



