

APPENDIX A – Provided Data

A Provided Data

Table A 1 Previous study reports provided by Council

Category	Title	Author	Year
Catchment	The Origin and Development of the Umina - Woy Woy Beach Ridge System, Broken Bay, NSW, Article in The Australian Geographer, XI, pp.1-12. [GCC DN 1574905]	Hails, J., R. (1969)	1969
Community Consultation	Community Consultation Woy Woy Borefield	Gosford City Council	2006
Development Control Plan	RE: Gosford DCP Chapter 6.7 Water Cycle Management – Stage 1 Report	Storm Consulting	2015
Drainage	Woy Woy, Umina, Ettalong Peninsula, Drainage Strategy Study, for Gosford City Council, June, [GCC DN 1012556 & 1012564]	Webb McKeown & Associates	1992
Drainage	Ross-Rowan Catchment, Woy Woy Channel to Ocean Beach Road, Trunk Drainage Management Study and Management Plan, for Gosford City Council, Sydney, February, [GCC DN 1012933]	Webb McKeown & Associates	1993
Drainage	Woy Woy Peninsula Catchments 'B' and 'C' Drainage Study, for Gosford City Council, Sydney, February, [GCC DN 1013286]	Webb McKeown & Associates	1996
Drainage	Woy Woy Peninsula - Catchments 'P' and 'O' Drainage Investigation - Draft Report (Issue 1), for Gosford City Council, Sydney, February, [GCC DN 1013287]	Patterson Britton & Partners	1997
Drainage	Drainage Investigation Veron Road / Dulkara Road Catchment Umina / South Woy Woy, for Gosford City Council, Sydney, July. [GCC DN 1013225]	Kinhill Engineers	1999
Drainage	Woy Woy Peninsula Catchments 'D' and 'E' Drainage Study, for Gosford City Council, Sydney, July. [GCC DN 1013288]	Ivan Tye and Associates	2000
Drainage	Drainage Investigation Veron Road / Dulkara Road Catchment Umina / South Woy Woy, for Gosford City Council, Sydney, July. [GCC DN 1013225]	Kinhill Engineers	1999
Drainage	Assessment of Alternative Stormwater Drainage Systems for the Woy Woy Peninsula, for Gosford City Council, Insearch, Sydney, September. [GCC DN 1574904]	O'Loughlin, G.	1997
Flooding <i>Brisbane water</i>	Brisbane Water: Waterway Foreshore Study, Department of Public Works NSW, March, [GCC DN 1020708]	Posford Pavry Sinclair & Knight	1975
Flooding	Report Stormwater Investigations to Catchment: Blackwall Mountain, Springwood Street, Waitangi Street, Warrigal	Giammarco Engineering	1989

	Street, Wyalong Street, Memorial Avenue, Umina, for Gosford Council:, April, [GCC DN 1021789]		
Flooding <i>Brisbane water</i>	Brisbane Water Flood Study: Compendium of Data, PWD Report No.89043, June, [GCC DN 1012682]	Public Works	1991
Estuary <i>Brisbane Water</i>	Brisbane Water Estuary Processes Study, Report for Gosford City Council, [in progress]	Cardno Lawson Treloar	2007a
Flooding <i>Brisbane water</i>	Brisbane Water Foreshore Flood Study, Report for Gosford City Council, [In progress]	Cardno Lawson Treloar	2007b
Flooding <i>Brisbane water</i>	Brisbane Water Foreshore Flood Study	Cardno Lawson Treloar	2013
Flooding <i>Brisbane water</i>	Brisbane Water Foreshore Floodplain Risk Management Plan	Cardno Lawson Treloar	2015
Flooding <i>Brisbane water</i>	Brisbane Water Foreshore Floodplain Risk Management Study	Cardno Lawson Treloar	2015
Flooding	Central Coast February 1992 Flood Event, Public Works, Report MHL 615, April, [GCC DN 1011945]	Manly Hydraulics Laboratory	1992
Flooding <i>Kahibah</i>	Kahibah Creek Flood Study	Willing & Partners Consulting Engineers	1991
Flooding <i>Kahibah</i>	Kahibah Creek Floodplain Management Study	Willing & Partners Consulting Engineers	1991
Flooding <i>Kahibah</i>	Kahibah Creek Floodplain Management Plan	Willing & Partners Consulting Engineers	1996
Flooding <i>Woy Woy</i>	Woy Woy Peninsular Flood Study	DHI	2010
Groundwater Dependent Ecosystems	Proposal for the Monitoring of Impacts associated with Groundwater Extraction from the Woy Woy Peninsula on locally occurring Groundwater Dependent Ecosystems and the Endangered Ecological Community, Umina Coastal Sands Woodland.	Conacher Travers	2005
Geotechnical	Desktop Review and Geotechnical Investigation, Proposed Bores, Various Locations, Umina Beach and Woy Woy, Report for Gosford City Council, October. [GCC DN 3115445]	Douglas & Partners	2005
Groundwater	Development of Further Options for the Gosford Wyong Joint Water Supply Scheme Working Paper 4- Final Report Use of Groundwater	NSW Department of Commerce	2003
Groundwater	Woy Woy Peninsula Sand Aquifer System Numerical Modelling of Groundwater Abstractions, Mackie	Mackie	2005

	Environmental Research, Report for Gosford City Council, June. [Not in DataWorks]		
Groundwater	Woy Woy Peninsula Sand Aquifer System Numerical Modelling of KBR Options, Mackie Environmental Research, Report for Gosford City Council, May. [GCC DN 2234593]	Mackie	2006
GW abstraction	Ecological Assessment of Proposed Groundwater Extraction from Woy Woy Peninsula, Draft, Kariong, July. [GCC DN 3102004]	Conacher Travers	2005
Hydrogeology	Woy Woy Stormwater Infiltration Study Drilling Cored Boreholes	Larry Cook	2000
Hydrogeology	Stratigraphic Analysis of Woy Woy Peninsula – Preliminary Interpretation, Report for Gosford - Wyong Councils, January [GCC DN 1585302]	Hydroilex	2005a
Hydrogeology	Test Drilling and Aquifer Testing, 22 reports for Gosford-Wyong Joint Water Authority, 1 November. [GCC DN 1892492 and others]	Hydroilex	2005b
Hydrogeology/Water Supply	Hydrogeological Assessment, Groundwater Supplies, Woy Woy Peninsula, for Gosford - Wyong Joint Water Supply Scheme, Hydroilex Groundwater Specialists, October.	Cook, L.	2004
Stormwater Infiltration	Potential for Stormwater Infiltration on the Woy Woy Peninsula, Insearch, Sydney, March. [GCC DN 1013390]	O'Loughlin G., Hazelton P., Cook L.	1998
Stormwater Infiltration	Hydrogeological Assessment - Stormwater Infiltration Study Woy Woy Peninsula, Volumes 1 & 2, Larry Cook & Associates Pty Ltd, Gosford, December. [GCC DN 1021287 & 1021332]	Cook, L.	1998
Stormwater Infiltration	Stormwater Management - Infiltration Project for Woy Woy Peninsula, University of Technology, Sydney, January.	Mackett, A., Vidler, M.	1999
Stormwater Infiltration	Woy Woy Stormwater Infiltration Devices - Design Drawings, for Gosford City Council, Sydney, January.	Kinhill Brown & Root	1999
Stormwater Infiltration	Pollution Removal by Stormwater Infiltration in the Woy Woy Peninsula, Stormwater Trust Stage 1 Report HG92.12.2 for Gosford City Council, Sydney, May. [GCC DN 1021333]	UTS	1999a
Stormwater Infiltration	Stormwater Infiltration for the Woy Woy Peninsula, Report for Gosford City Council, Sydney, November. [GCC DN 1021335]	UTS	1999b
Stormwater Infiltration	Report on Stormwater Infiltration Study Woy Woy Peninsula January 1999 to June 2000, for Gosford City Council, Larry Cook & Associates Pty Ltd, Report No. HG00.6.1, Gosford, June. [GCC DN 1021336]	Cook, L.	2000
Stormwater Infiltration	Woy Woy Peninsula Stormwater Infiltration Project - Investigation into Stormwater Quality, University of Technology, Sydney, November.	Brooks, N., Hogan, M.	2000

Stormwater Infiltration	Stormwater Infiltration Experiments on a Sandy Area in Eastern Australia, Lyon, France, June. [GCC DN 1574906]	Matuzic, J., Blasi, A., O'Loughlin, G., Beecham, S., Myl, S.	2001
Stormwater Infiltration	Woy Woy Stormwater Infiltration Project - Vadose Zone and Wetland Investigation, University of Technology, Sydney, November. [GCC DN 1335716]	Parmer, H.	2001
Stormwater Infiltration	Report on Stormwater Infiltration Study Woy Woy Peninsula June 2000 to October 2001, for Gosford City Council, Larry Cook & Associates Pty Ltd, Gosford, January.	Cook, L.	2002
Stormwater/Groundwater	Stormwater and Groundwater Analysis from the Woy Woy Peninsula, University of Technology, Sydney, November. [GCC DN 1335716]	Brisbin, S., Stevens, J.	2001
Groundwater Salinity	Installation of Monitoring Bores for Potential Saltwater Encroachment at Woy Woy	Hydroilex	2005
Groundwater Salinity	Request for Dataflow "Odyssey" EC Data Loggers	Hydroilex	2007
Groundwater Salinity	Proposed Salinity Sentinel Bores, Woy Woy Peninsula	Hydroilex	2007
Lagoon	Everglades Lagoon System Precinct, Plan of Management, Report for Gosford City Council, Kellogg Brown & Root Pty Ltd, Sydney, 21 June. [GCC DN 1605942]	Kellogg Brown & Root Pty Ltd	2005
Landuse	Land Use Investigation, Woy Woy Peninsula, Report for Gosford-Wyong Joint Water Authority, November. [GCC DN 2368247]	Andrews Neil	2005
Review/GW	Gosford/Wyong Groundwater Development - Report "Stratigraphic Analysis of Woy Woy Peninsula - Preliminary Interpretation"	Peter Dundon & Associates Pty Limited	2005
Water Sensitive Urban Design	Water Sensitive Urban Design on the Woy Woy Peninsula, Report to Council (SF.016/04), 28 September. (GCC DN 1352655).	GCC	2004
Flood Study	Davistown Catchment Flood Study	Cardno Lawson Treloar	2010

Table A 2 GIS layers provided by Council

GIS layers	Descriptions
WW-BellsVegetation2013-20180523	Vegetation within Gosford Local Government Area classified. (Bell, 2004) According to “Ecological assessment of proposed groundwater extraction from Woy Woy Peninsula” (Travers, 2005), vegetation communities identified as GDEs on Woy Woy Peninsula are Paperbark Swamp Forest and Umina Coastal Sandplain Woodland. These corresponds to Unit 37e and 33b.
WW-Cadastre-20180523	Cadastres
WW-COSS2010-20180523	The Coastal Open Space System (COSS) A network of native vegetation reserves managed by the Gosford City Council
WW-CouncilLandRegister-20180523	Council registered land
WW-CouncilReserves-20180523	Council reserves
WW-Creeks-20180523	Creeks
WW-DgeBoxCulverts-20180523 WW-DgeCatchments-20180523 WW-DgeChannels-20180523 WW-DgeGrossPollutantTraps-20180523 WW-DgeHeadwalls-20180523 WW-DgePipes-20180523 WW-DgePits-20180523 WW-DgeSubCatchments-20180523	Drainage features
WW-NatParks-20180523	National Parks
WW-RainfallRecorders-20180523	Rainfall gauges Ettalong School Pearl Beach Woy Woy
WW-RoadCentreLines-20180523	Centre lines of roads
WW-FloodGates-20180523	Flood Gates
WW-SewerConnectionPoint-20180523 WW-SewerControlValves-20180523 WW-SewerEncasement-20180523 WW-SewerFitting-20180523	Sewer network/structures

WW-SewerGravityMain-20180523 WW-SewerJunctions-20180523 WW-SewerMaintenanceHoles-20180523 WW-SewerMeter-20180523 WW-SewerNetworkStructures-20180523 WW-SewerPit-20180523 WW-SewerPressureMain-20180523 WW-SewerValves-20180523 WW-SewerVentPipes-20180523	
WW-WaterService-20180523 WW-WaterValve-20180523 WW-WaterMain-20180523 WW-WaterMeter-20180523 WW-WaterFitting-20180523 WW-WaterHydrant-20180523	Water Supply network/structures
WW-WaterNetworkStructure-20180523	Reservoirs and treatment plant
WW-WaterPumps-20180523	Pumps
WW-WaterLevelRecorders-20180523	Decommissioned and proposed water level recorders
WW-WaterBores-20180523	Monitoring and Production bores