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DATA LOGGING AND TELEMETRY SPECIFICATIONS 2021

under the

WATER MANAGEMENT (GENERAL) REGULATION 2018

I, Kaia Hodge, by delegation from the Minister administering the Water Management Act 2000, pursuant to clause 10 of Schedule 8 to the Water Management (General) Regulation 2018 (the Regulation) approve the following data logging and telemetry specifications for metering equipment.

Dated this 15 day of April 2021.

KAIA HODGE

Executive Director, Regional Water Strategies

Department of Planning, Industry and Environment

By delegation

Explanatory note

This instrument is made under clause 10 (1) of Schedule 8 to the Regulation. The object of this instrument is to approve data logging and telemetry specifications for metering equipment that holders of water supply work approvals, water access licences and Water Act 1912 licences and entitlements that are subject to the mandatory metering equipment condition must comply with.

DATA LOGGING AND TELEMETRY SPECIFICATIONS 2021

under the

Water Management (General) Regulation 2018

1 Name of this instrument

This instrument is the Data Logging and Telemetry Specifications 2021.

2 Commencement

This instrument commences on the date it is published in the NSW Government Gazette.

3 Revocation and replacement of Data Logging and Telemetry Specifications 2020 (No 2)

This instrument revokes and replaces the Data Logging and Telemetry Specifications 2020 (No 2) (published in the Gazette No 67 of 1 April 2020, p 1172).

4 Interpretation

(1) In this instrument:

Act means the Water Management Act 2000

DAS means the NSW Government's data acquisition service that acquires data from metering equipment.

DAS provider means the party engaged to maintain, manage and provide the cloud-based components and services of the DAS.

DAS time base means Eastern Standard Time GMT+10 hours. Daylight savings time is not used.

Department means the Department of Planning, Industry and Environment.

list of compatible devices means a list that is maintained by the Department for the purposes of specifying all LIDs that have been tested and found to comply with the requirements specified in Schedule 1 or 2.

Note: A list of compatible devices is available on the Department's website.

local intelligence device (LID) means a device, that is able to connect to a meter, log data and, where applicable, telemetry data to the DAS.

metering equipment - has the same meaning as the *Water Management Act 2000*.

site status data means data relating to the operation of the LID and its connection to metering equipment and, where applicable, the DAS, which includes, but is not limited to, power supply and signal strength.

tamper data means data relating to interference with data readings or other electronic functions of the metering equipment including the LID, which includes, but is not limited to, disconnection of cables and opening of device housing.

(2) Unless otherwise defined in this instrument, words and expressions that are used in the Act or Regulation have the same meaning in this instrument.

5 Data Logging and Telemetry requirements

Metering equipment must comply with the requirements in Schedule 1.

Schedule 1

Mandatory data logging and telemetry requirements

1. The LID must:

- (a) have the capability to physically connect with metering equipment.
- (b) have configurable data logging capability.
- (c) be capable of securely connecting to the cloud and telemetering data to the DAS.

2. The LID must be capable of retaining water take data for a period of not less than 5 years.

3. The LID must have tamper evident seals, locks, controls or other devices sufficient to deter and detect access to the LID and its cabling.

4. The LID must have a real time clock that is powered by an internal battery and is capable of synchronising to a Network Time Protocol or cellular network or other recognised server accessed over the DAS network

5. The LID must collect and store electronically the following data:

- (a) water take data recorded at least hourly.
 - (b) tamper data recorded at the time that the interference takes place.
 - (c) site status data.
6. The LID must uniquely identify and log records for each meter that it is connected to.
7. The LID must be capable of continuous operation for the detection and recording of water take events, including ensuring that all individual pulses from a meter are captured and stored
8. All communications between the LID and the DAS must have mechanisms to prevent unauthorised access, interception or manipulation of the data in transit.
9. The LID must telemeter data to the DAS using one of the following transport methods:
- (a) HTTPS,
 - (b) SFTP,
 - (c) FTPS Implicit,
 - (d) SSL encoded MQTTS (MQTTS).
10. Transmission Frequency
- (a) The LID must telemeter the water take data and site status data that has been collected since the last transmission, at least once per 24 hours.
 - (b) The LID must have the capability of detecting and logging a tamper event, initiating communications at the point in time the tamper event occurs and communicating the tamper event data to the DAS
 - (c) Whenever the LID has been unable to telemeter data without loss, it must automatically re-telemeter all data that has not yet been received by the DAS.
11. The LID must be registered with the DAS provider prior to installation.
12. An LID that is not used to connect and transmit information to the DAS must be capable of allowing an authorised officer to:
- (a) securely download all data stored on the LID on-site
 - (b) check logger status, faults, configuration, re-configuration, and real-time tamper logs.

Water Management Act 2000

Notice of petition for a private water supply district pursuant to section 144(3)

Notice is hereby given, under section 144(3) of the *Water Management Act 2000*, that three petitions have been received from landholders for the addition of lands to the Gunbar Private Water Supply District.

Particulars of the petitions including the plans showing the boundaries of the private irrigation district, the names and the titles are available for viewing on request at the office of the Department of Planning, Industry and Environment – Water Group, 26-28 Johnston Street Wagga Wagga NSW 2650. Any queries please call (02) 4904 2533 Elizabeth Cala, Manager Water Regulatory Implementation.

Objections to the petition must be registered in writing to DPIE Water c/o Elizabeth Cala, PO Box 2213 Dangar NSW 2309, within 28 days of the publication of this notice. The objection must include your name and address, and specify the grounds of the objection.

Dated 20 April 2021

Elizabeth Cala
Manager Regulatory Implementation
Water Group
Department of Planning, Industry and Environment
Signed for the Minister for Water, Property and Housing
(by delegation)

Declared Dams Order 2021

under the

Dams Safety Act 2015 and Interpretation Act 1987

Dams Safety NSW, in pursuance of section 5(1) of the *Dams Safety Act 2015* and section 43 (2) of the *Interpretation Act 1987* makes the following Order.

Dated 7 APRIL 2021

Explanatory note

Section 5 (1) of the *Dams Safety Act 2015* provides that Dams Safety NSW may, by order published in the Gazette, declare a dam or proposed dam to be a declared dam for the purposes of the Act.

Section 43(2) of the Interpretation Act 1987 provides that, if an Act or statutory rule confers a power on any person or body to make an order (whether or not the order must be in writing), the power includes power to amend or repeal any order made in the exercise of that power.

This order repeals the *Declared Dams Order 2020* (published in the NSW Government Gazette No. 45 of 6 March 2020).

This order also declares dams in Schedule 1 to this Order as declared dams for the purposes of the *Dams Safety Act 2015*.

Declared Dams Order 2021

under the

Dams Safety Act 2015 and Interpretation Act 1987

1 Name of Order

This Order is the *Declared Dams Order 2021*.

2 Commencement

This Order commences on the day on which it is published in the NSW Government Gazette.

3 Repeal of Declared Dams Order 2020

The *Declared Dams Order 2020* is repealed.

4 Declared Dams

All dams listed in Schedule 1 to this Order are declared to be declared dams for the purposes of the *Dams Safety Act 2015*.

Schedule 1

Column 1

Name of dam

Abbotsbury Park Pond 2
Adelong Tailings
Aldridges Creek
Antienne Lease Tailings Dam
Ashton Coal Clean Water Dam 1
Atlas Off-path Tailings Dam
Avon
Bakers Road Detention Basin
Bamarang
Banks Road Retarding Basin
Barden Ridge Lower Dam
Barina Park Detention Basin
Bayswater 2 Main Dam
Bayswater Ash
Bayswater Brine Decant
Bayswater Cooling Make Up
Beardy Waters
Bearnamil
Ben Boyd
Bendeela Pondage
Bengalla CW1
Bengalla DW1
Bennetts Road Detention Basin
Bingara Gorge Pond 1
Blackbutt Reserve
Blackwood Pit Tailings Storage Facility
Bloomfield U Cut Tailings
Blowering
Boambee Newport Creeks Detention Basin
Boorowa Dam
Bootawa
Borenore Creek
Bosnjak Park US

Column 2

Location of dam

Unnamed creek, Cecil Hills
Adelong
Aldridges Creek near Ellerstone
Off-stream, near Ravensworth
Tributary of Glennies Creek, near Singleton
20km west of Willandra Lakes
Avon River near Bargo
Tributary of Coffs Creek, Coffs Harbour
Off-stream storage near Nowra
Banks Road, Liverpool
Mill Creek, Lucas Heights
Minnegang Creek, Wollongong
Unnamed watercourse, Muswellbrook
Pikes Gully near Jerry's Plains
Unnamed watercourse near Muswellbrook
Unnamed watercourse near Bayswater
Beardy Waters near Glen Innes
Bearnamil Creek near Parkes
Off-stream storage near Eden
Off-stream storage near Nowra
Dry Creek, Bengalla, near Muswellbrook
Bengalla, near Muswellbrook
Coffs Creek, Coffs Harbour
Bingara Gorge, Wilton
Unnamed watercourse at Shellharbour
Broken Hill
Near Four Mile Creek, Ashtonfield
Tumut River near Tumut
Boambee
Boorowa River, Boorowa
Off-stream storage near Taree
Borenore Creek near Molong
Edensor Creek, Edensor Park

Bowra	Bowra Creek, Bowraville
Brennan's Creek	Brennan's Creek near Appin
Brogo	Brogo River near Bega
Brokers Road Retarding Basin	Cabbage Tree Creek at Wollongong
Brooklyn Retarding Basin	Unnamed watercourse near Brooklyn
Broughtons Pass Weir	Cataract Weir near Wilton
Broula King Gold Mine Tailings	Tyagong Creek, Bumbaldry
Broula King Gold Mine Tailings 2	Tyagong Creek, Bumbaldry
Bucklands Retarding Basin	Kooloona Avenue, Figtree, Wollongong
Bulga CHPP	Near Nine Mile Creek, Singleton
Bulga Mine Water	Tributary of Loder Creek, Singleton
Bulga North In-pit Tailings Storage	Bulga Coal Mine
Bulga Northern Tailings Dam A	Bulga
Bulga Old Tailings	Broke, Singleton
Bundanoon	Bundanoon Creek near Moss Vale
Burrendong	Macquarie River near Wellington
Burrinjuck	Murrumbidgee River near Yass
Cadia North Waste Dump Detention Basin	Hoare's Creek, Cadia, near Orange
Cadia Southern Tailings Dam	Rodds Creek, Cadia
Cadia Tailings Dam	Rodds Creek near Orange
Cadiangullong Dam	Cadiangullong Creek near Orange
Calala Raw Water Storage	Calala
Camberwell Tailings 2	Station Creek, Singleton
Cambewarra	Unnamed watercourse, Cambewarra
Camden Valley Way Detention Basin	Tributary of Maxwell Creek, Edmondson Park
Campbelltown Link Area Basin 1	Tributary of Bow Bowing Creek, Campbelltown
Campbelltown North Detention Basin	Off-stream, Campbelltown, Sydney
Captains Flat	Molonglo River at Captains Flat
Carcoar	Belubula River near Carcoar
Cascade No 1	Cascade Creek near Katoomba
Cascade No 2	Cascade Creek near Katoomba
Cascade No 3	Cascade Creek near Katoomba
Castle Hill Country Club Pond B	Tributary of Strangers Creek, Castle Hill
Cataract	Cataract River near Bulli
Cecil Hills Retarding Basin	Hinchinbrook Creek, Cecil Hills
Cecil Park Basin 3A	Hinchinbrook Creek, Cecil Park
Cecil Park Basin 3B	Hinchinbrook Creek, Cecil Park

Centennial Park Reservoir No 1	Centennial Park, Sydney
Centennial Park Reservoir No 2	Centennial Park, Sydney
Chaffey	Peel River near Tamworth
Chichester	Chichester River near Dungog
Chifley	Campbells River near Bathurst
Clarrie Hall	Doon Doon Creek near Uki
Clear Paddock Creek Basin C	Clear Paddock Creek, Bonnyrigg
Clear Paddock Creek Basin W2	Clear Paddock Creek, Bonnyrigg
Clear Paddock Creek Basin W3	Clear Paddock Creek, Bonnyrigg
Coalcliff	Stanwell Creek near Stanwell Park
Cochrane	Georges Creek near Bemboka
Colongra Creek Ash	Colongra Creek near Doyalson
Comberton Grange Retarding Basin	Off-stream storage near Nowra
Comin Place Detention Basin	Comin Place, Abbotsbury, Fairfield
Company	Grenfell
Connors Creek Dam	Connors Creek, Barraba
Copeton	Gwydir River near Inverell
Cordeaux	Cordeaux River near Wilton
Corindi Stage 3 Dam	Kathleen Drive, Corindi
Cowal Gold Mine Reservoir D9	Near Lake Cowal, West Wyalong
Cowal Integrated Waste Landform	Lake Cowal
Cowal Northern Tailings	Near Lake Cowal, West Wyalong
Cowal Southern Tailings	Near Lake Cowal, West Wyalong
Cowarra	King's Creek Tributary, near Port Macquarie
Cowarra Creek Tailings	Cowarra Creek near Bredbo
Crookwell	Kentgrove Creek near Crookwell
CSA Tailings Dam	Off-stream, near Cobar
CSIRO Retarding Basin	Great Western Highway, Girraween
Cumnock Tailings Storage Facility	Near Bayswater Creek, Ravensworth
Cumnock Tailings Storage Facility No 3	Near Bayswater Creek, Ravensworth
D.E.P. Retarding Basin	Quarry Road, Prospect
Danjerra	Danjerra Creek near Nowra
Dargues Reef Gold Project Tailings	Unnamed watercourse, Braidwood
Dartbrook Mine Water Dam	Unnamed Creek, Muswellbrook
Daruk Park Detention Basin	Daruk Park, Casula, Liverpool
Deep Creek	Off-stream storage near Batemans Bay
Deep Creek Snowy Dam	Deep Creek, Khancoban

Delegate Retarding Basin	Delegate
Diamond Circuit Detention Basin	Rutherford
Dover Heights Reservoir	Portland Street, Dover Heights
Drayton Water Supply	Tributary of Bayswater Creek near Muswellbrook
Dumaresq	Dumaresq Creek near Armidale
Dungowan	Dungowan Creek near Nundle
Duralie Coal Auxiliary Dam 1	Tributary of Coal Shaft Creek, Stroud
Duralie Coal Auxiliary Dam No 2	Tributary of Coal Shaft Creek, Stroud
Duralie Coal Mine Water	Cheer Up Gully, Stroud
East West Road	Valla Beach near Nambucca Heads
Edgewood Detention Basin	Hollymount Creek, Woonona
Edgeworth Detention Basin	Cocked Hat Creek, Edgeworth, Wallsend
Edmondson Park Jardine Drive Basin 12	Cabramatta Creek, Edmondson Park
El Klaros	Tributary of Cedar Creek near Maitland
Elanora Country Club Main	Elanora Heights, Sydney
Elura Tailings	Cobar
Emerson Street Detention Basin	Emerson Street Reserve, Wetherill Park
Emigrant Creek	Emigrant Creek near Ballina
Emma James Basin	Tributary of Erina Creek, East Gosford
Eraring Ash	Crooked Creek near Wangi Wangi
Eraring Attenuating Cooling Water	Dora Creek, Eraring
Eucumbene Dam	Eucumbene River, Eucumbene
Eurobodalla Southern Storage	Bodalla
Fairfield Golf Course Basin	Orphan School Creek, Prairiewood
Fitzroy Falls	Yarrunga Creek near Moss Vale
Floraville Road Basin	Floraville Road, Belmont North
Foothills Estate 1	Tributary of Towradgi Creek at Wollongong
Foothills Estate Retarding Basin 3	Foothills Estate, Tarrawanna
Foothills Road Retarding Basin	Foothills Road, Mount Ousley
Fountaindale	Fountaindale Creek near Jamberoo
Fox Hills Retarding Basin	Fox Hill Golf Course, Prospect
Freislichs	Homestead Creek, Fowlers Gap
Gannet Place Retarding Basin	Gannet Avenue, Berkeley
Garden Suburb Detention Basin	Upper branch of Winding Creek, Garden Suburb, Lake Macquarie
Geehi Dam	Geehi River, Kosciusko National Park
George Bass Drive Detention Basin	Off-stream, Batemans Bay

Glenbawn	Hunter River near Scone
Glenmore Park Retarding Basin	Surveyor Creek, Penrith
Glennies Creek	Glennies Creek near Singleton
Glenquarry Cut	Off-stream storage near Moss Vale
Gooden Reserve Retaining Basin	Model Farm Creek, Baulkham Hills
Googong	Queanbeyan River near Queanbeyan
Gosling Creek	Gosling Creek, Orange
Grahamstown	Off-stream storage near Raymond Terrace
Greaves Creek	Greaves Creek near Blackheath
Green Meadows Retarding Basin	Green Meadows Estate, Albion Park Rail
Greenway Drive Retarding Basin 10A–B	Tributary of Cabramatta Creek, Leppington
Gunyah Park Retarding Basin	Dempster Street, West Wollongong
Guthega Dam	Snowy River, Guthega
Hamilton Valley Retention Basin 5A	Hamilton Valley Creek near Albury (Lavington)
Hamilton Valley Retention Basin 5B	Hamilton Valley Creek near Albury
Hera Tailings	Near Nymagee, Cobar
Hera Water Management Dam	4km south of Nymagee
Hillgrove Elanora	Tributary of Bakers Creek, Hillgrove
Hillgrove Tailings Dam No 1	Bakers Creek near Armidale
Hillgrove Tailings Dam No 2	Off-stream, Hillgrove
Honeysuckle Creek	Honeysuckle Creek at Killara
Horningsea Park Detention Basin	Tributary of Cabramatta Creek, Horningsea Park
Hoxton Park Basin 6	Hinchinbrook Creek, Hoxton Park
Hume	Murray River near Albury-Wodonga
Humphreys Creek	Humphreys Creek near Drake
Humphreys Creek Tailings	Humphreys Creek near Drake
Hungerford Hill Vineyards	First Creek, Pokolbin
Hunter Valley Operations Lake James	Tributary of Hunter River, near Singleton
Imperial Lake	Willa-Willyong Creek near Broken Hill
Island Bend Dam	Snowy River, Island Bend
Jindabyne Dam	Snowy River, Jindabyne
Jordon Springs Village Lake	Jordan Springs near Penrith
Jounama Dam	Tumut River, Talbingo
Junction Reef	Belubula River near Mandurama
Kalingo Dam	Congewai Creek, Ellalong
Kanahooka Retention Basin	Off Mullet Creek near Kanahooka, Wollongong

Kangaroo Pipeline Control Structure	Off-stream storage at Morton National Park near Fitzroy Falls
Karangi	Off-stream storage near Coffs Harbour
Keepit	Namoi River near Gunnedah
Kensington Centennial Park Pond	Centennial Park, Sydney
Kentucky Creek	Kentucky Creek near Uralla
Khancoban Dam	Swampy Plain River, Khancoban
Killara Reservoir	Pacific Highway, Killara
King Park Basin	Orphan School Creek, Wakeley
Knight Park	Yennora
Korrumbyn Creek	Korrumbyn Creek, Murwillumbah
Lake Canobolas	Molong Creek near Orange
Lake Endeavour	Billabong Creek near Parkes
Lake Ettamogah Winter Storage Dam	Nine Mile Creek, Ettamogah, near Albury
Lake Inverell	MacIntyre River, Inverell
Lake Medlow	Wall's Creek near Medlow Bath
Lake Parramatta	Hunt's Creek near Parramatta
Lake Rowlands	Coombing Rivulet near Carcoar
Leewood Ponds	Mollee Creek, Narrabri
Lemington Mine Tailings	Off-stream Storage near Warkworth
Lidcombe Basin No 6	Tributary of Haslams Creek, Lidcombe
Liddell Ash Disposal	Saltwater Creek near Muswellbrook
Liddell Ash Levee	Bayswater Creek, Muswellbrook
Liddell Cooling Water	Gardiners Creek near Muswellbrook
Liddell Water Supply	Tinkers Creek near Muswellbrook
Lithgow No 1	Farmer's Creek near Lithgow
Lithgow No 2	Farmer's Creek near Lithgow
Lostock	Paterson River near Gresford
Loyalty Road Retarding Basin	Darling Mills Creek near Parramatta
Lyell (Lilyvale)	Cox's River near Hartley
MacDonalds Dam	Mt Arthur Coal, Edderton
Malpas	Gara River near Armidale
Mangoola Coal Raw Water	Tributary of Sandy Creek, Muswellbrook
Mangoola Pit Water	Wybong, Muswellbrook
Mangoola Start-up Tailings	Wybong, Muswellbrook
Mangrove Creek	Mangrove Creek near Gosford
Manly	Curl Curl Creek near Manly Vale

Mannering Creek Ash	Mannering Creek near Wyee
Mardi	Off-stream storage near Wyong
Maroubra Reservoir	Vanny Place, Maroubra
Marrickville Oval Retarding Basin	Marrickville Park, Marrickville
Maules Creek Mine—MWD2	Maules Creek, Boggabri
Maules Creek Mine—RWD2	Maules Creek, Boggabri
McCoy Park Retarding Basin	Mimosa Avenue, Toongabbie
McKinnon's Gold Project Tailings	Burdekin Resources, Cobar
Medway	Medway River near Berrima
Menindee Storages	Darling River and adjacent lakes near Menindee
Mimosa Road Basin	Orphan School Creek, Greenfield Park
Mineral Hill Southern Tailings	Yarra Yarra Creek near Condobolin
Mineral Hill Tailings	Yarra Yarra Creek near Condobolin
Minmi Road Retarding Basin	Minmi Road, Fletcher, Newcastle
Molong Creek	Molong Creek, Molong
Montrose	Wambo Creek, Warkworth via Singleton
Mooney Upper Dam	Mooney Mooney Creek near Gosford
Moores Creek	Moores Creek near Tamworth
Mount Pleasant Environmental Dam 3	Muswellbrook
Mount Pleasant Mine Water Dam	Muswellbrook
Mount Pleasant Tailings	Muswellbrook
Mount View Detention Basin	Lavender Creek, Cessnock
Mt Annan Wetland No 1	Narellan Creek, Camden
Mt Arthur North Environmental Dam	Unnamed watercourse, South Muswellbrook
Mt Arthur Tailings Storage Facility	South Muswellbrook
Mt Boppy Gold Mine TSF	Mulga Creek, Canbelego
Mt Owen North Void Tailings	Hebden
Mt Owen Rail Loop Tailings	Hebden
Mt Thorley Abbey Green South Tailings	Mt Thorley, Singleton
Mt Thorley Central Ramp Tailings Dam	Unnamed watercourse, Mt Thorley Mine, Hunter Valley
Mt Thorley South Out of Pit Water	Warkworth, near Singleton
Muirfield Golf Club Dam	Barclay Road, North Rocks
Muirfield Golf Course Retarding Basin	Muirfield Golf Course at North Rocks
Murray 2 Dam	Khancoban Back Creek, Khancoban
Murrurundi	Off-stream storage at Murrurundi
Narrabri Coal Rail Loop Dams	Baan Baa
Narranbulla	Narambulla Creek near Marulan

Nepean	Nepean River near Bargo
Newstan Southern REA Main Tailings	Fassifern, Lake Macquarie
Nixon	Oakey Creek near Barraba
Norbrik Detention Pond	Tributary of Lalor Creek, Bella Vista
North Turramurra Golf Course Dam	Cowan Creek, North Turramurra
Northmead Reserve Retarding Basin	Darling Mills Creek at Northmead
Northparkes E27—Estcourt Tailings	Goonumbla, Parkes
Northparkes Infill Tailings Storage Facility	Goonumbla
Northparkes Rosedale Tailings	Goonumbla, Parkes
Northparkes Tailings	Cookopie Creek near Parkes
Northparkes Tailings Dam No 2	Cookopie Creek near Parkes
Nyngan Evaporation Pond	Nyngan
Nyngan Tailings Storage Facility	Nyngan
Nyrang Park Retention Basin	Fairy Creek at Keiraville near Wollongong
Oak Flats Reservoir	Off-stream storage near Oak Flats
Oberon	Fish River near Oberon
Old Quipolly	Quipolly Creek, Quirindi
Palmtree Grove Retention Basin	Unnamed watercourse, Palmtree Grove, Umina
Parnells Creek Mine Water Dam	Parnells Creek, Jerrys Plains
Pasminco Broken Hill Site D Tailings	Pasminco Broken Hill Mine, Broken Hill
Peak Gold Mine Tailings Dam	Off-stream, near Cobar
Pecan Close Retarding Basin	Wingello Creek, Wyoming
Pejar	Wollondilly River near Goulburn
Petrochilos	Off-stream storage, Bonalbo
Pied Piper Playground Detention Basin	Toongabbie Creek, Seven Hills
Pindari	Severn River near Ashford
Pine Trees Detention Basin	Lord Howe Island
Plashett	Saltwater Creek, Jerry's Plains
Port Macquarie	Off-stream storage near Port Macquarie
Porters Creek	Porters Creek near Milton
Possum Skin Dam	Tributary of Glennies Creek, Oak Park
Potts Hill Reservoir No 2	Off-stream storage near Lidcombe
Prospect	Prospect Creek, Prospect
Quipolly	Quipolly Creek, Quirindi
Ravensworth Mine Inpit Storage	Off-stream storage at Ravensworth
Ravensworth South Tailings	Ravensworth, Muswellbrook
Ravensworth Void 4 East Tailings	Ravensworth, Muswellbrook

Ravensworth Void 5 Ash	Ravensworth, Muswellbrook
Redbank Dam 13	North Richmond
Redbank Dam 14	North Richmond
Research Station	Rifle Range Creek at Orange
Riverview Void In-pit Water Storage	Lemington, Singleton
Rocky Creek	Rocky Creek near Lismore
Rouse Hill Detention Basin 16	Smalls Creek, Rouse Hill, Sydney
Rouse Hill Detention Basin 9B	Smalls Creek, Kellyville
Rouse Hill Infrastructure Retarding Basin No 13	Caddies Creek at Parklea
Rouse Hill Infrastructure Retarding Basin No 5	Caddies Creek at Parklea
Rouse Hill Infrastructure Retarding Basin No 9	Smalls Creek at Kellyville
Rushforth Road 100ML Reservoir	South Grafton
Rydal	Off-stream storage near Rydal
Rylstone	Cudgegong River near Rylstone
Sarah Fahey Park Retarding Basin	Copacabana
Sawyers Swamp Creek Ash	Sawyers Swamp Creek near Wallerawang
Schofields North Rail Facility	First Ponds Creek, Schofields
Schofields South Rail Facility	First Ponds Creek, Schofields
School House Creek Basin	School House Creek near Regentville, Penrith
SE Tailings Dam	Unnamed watercourse, Lemington, Hunter Valley
Shannon Creek	Shannon Creek, Grafton
Shellcove Estate Dention Basin 1	Watercourse No 1, Shellharbour
Shellharbour City Centre Basin	Tributary of Oakey Creek, Shellharbour
Sierra Place Retarding Basin	Sierra Place, Toongabbie
Smiths Creek Retarding Basin 1	Smiths Creek near Campbelltown
Smiths Creek Retarding Basin 2	Smiths Creek near Campbelltown
Smiths Creek Retarding Basin 3	Smiths Creek near Campbelltown
Sooley	Sooley Creek near Goulburn
South Bulli Basin 1	Bellambi Creek, Russell Vale
South Bulli Stormwater Dam	Tributary of Bellambi Creek, Russell Vale
South Cessnock Dam	Unnamed tributary of Black Creek, South Cessnock
Spagnolos Road Detention Basin	Tributary of Coffs Creek, Coffs Harbour
Split Rock	Manilla River near Manilla
Spring Creek	Spring Creek near Orange
Springvale Reject Emplacement Area	Unnamed tributary of Wangcol Creek, Lidsdale
St Josephs School Retarding Basin	St Josephs School, Albion Park

St Peters Basin—9SWB01	St Peters
Stephens Creek	Stephens Creek near Broken Hill
Steuart McIntyre Dam	Fattorini Creek, Kempsey
Stockdale Basin	Orphan School Creek, Abbotsbury
Stockton Borehole Tailings	Near Boolaroo
Suma Park	Summerhill Creek near Orange
Sunrise Mine TSF Cell 2	Fifield
Sunrise Mine Water Storage Dam	Fifield
Talbingo Dam	Tumut River, Talbingo
Tallong Railway	Barbers Creek, Tallong
Tallowa	Shoalhaven River near Nowra
Tantangra Dam	Murrumbidgee River, Tantangra
Taralga Dam	Off-stream storage, Taralga
Tarrawonga Clean Water Dam	Boggabri
Tenterfield Creek	Tenterfield Creek near Tenterfield
The Cove	Old Sydney Town near Gosford
The Gables Lake and Basin	Box Hill
Thompsons Creek	Thompsons Creek near Wallerawang
Thornleigh Reservoir	Off-stream storage near Thornleigh
Tilba	Tilba Creek near Tilba Tilba
Timor	Castlereagh River near Coonabarabran
Tomingley Residue Storage Facility	Near Gundong Creek, Narromine
Tooma Dam	Tooma River, Kosciusko National Park
Toonumbar	Iron Pot Creek near Kyogle
Tritton Tailings	Near Nyngan
Tumbarumba	Off-stream storage near Tumbarumba
Tumut 2 Dam	Tumut River, Cabramurra
Tumut 3 Inlet Structure	Tumut River, Talbingo
Tumut Paper Mill Fresh Water Dam	Off Sandy Creek, Tumut
Tumut Paper Mill Waste Water Dam	Off Sandy Creek, Tumut
Tumut Pond Dam	Tumut River, Cabramurra
Umberumberka	Umberumberka Creek near Silverton
United Colliery Tailings 2	Redbank Creek, Singleton
Upper Cordeaux No 2	Cordeaux River near Wollongong
Upper Rodds Creek Dam	Rodds Creek, Cadia
Upper Shephards Lane Detention Basin	Coffs Creek, Coffs Harbour
Vales Point Ash No 2	Mannering Creek near Wyee

Valley View Detention Basin	Unnamed watercourse, Cowra
Wallerawang	Cox's River near Wallerawang
Wambo Hunter Pit Tails	Unnamed watercourse, Warkworth via Singleton
Wambo South Water	Tributary of Stony Creek, Singleton
Wambo Tailings Dam	Unnamed watercourse, Warkworth via Singleton
Warkworth Main Water Dam—1N	Mt Thorley (near Singleton)
Warkworth North Pit Tailings	Near Singleton
Warragamba	Warragamba River near Warragamba
Warringah Reservoir	Mills Place, Beacon Hill
Waverley Reservoir—WS133	Waverley, Sydney
Wentworth Falls Lake	Jamieson Creek near Wentworth Falls
Werris Creek Void Water Dam 1	Unnamed watercourse near Werris Creek
Werris Creek Void Water Dam 3	Unnamed watercourse near Werris Creek
Werris Creek Void Water Dam 4	Unnamed watercourse near Werris Creek
West Epping Park Basin	West Epping
Whitford Road Retarding Basin	Whitford Road, Liverpool
Widemere Detention Basin	Prospect Creek, Greystanes
Wilpinjong TD2	Wilpinjong Creek, Mudgee
Wilpinjong TD6	Mudgee
Winburndale	Winburndale Rivulet near Bathurst
Windamere	Cudgegong River near Mudgee
Winding Creek Retarding Basin 3	Hillsborough
Winding Creek Retention Basin No 5	Winding Creek at Charlestown near Newcastle
Wingecarribee	Wingecarribee River near Moss Vale
Wollondilly Washery Dam	Unnamed Creek near Nattai
Wonawinta Tailings	Cobar
Woodford	Woodford Creek near Woodford
Woodlawn Mine Evaporation	Off-stream near Tarago
Woodlawn Mine No 2 Evaporation	Off-stream near Tarago
Woodlawn North Tailings	Off-stream near Tarago
Woodlawn South Tailings	Off-stream near Tarago
Woodlawn Tailings Storage Facility 4	Off-stream near Tarago
Woodlawn West Tailings	Off-stream near Tarago
Woolgoolga	Off-stream storage near Woolgoolga
Woronora	Woronora River near Waterfall
Wyangala	Lachlan River near Cowra
Wyoming Central Dam	Tomingley

Wyong Road Detention Basin

Yarrawonga Weir

Yass

Yellow Pinch

Tumbi Creek, Wyong Road, Killarney Vale

Murray River near Yarrawonga

Yass River near Yass

Yellow Pinch Creek near Wolumla