**Accessing the portal and support material**

**How do I gain access to the ACDC portal for Melbourne Water?**

If you are the initial user/ administrator for your organisation, please follow the instructions

below.

(If you already have an administrator within your organisation, please contact this individual and request to be added).

**For initial users/ administrators:**

1. Go to <https://asconstructed.com>

 2. Click on Request account on the top right hand of the screen:



3. Your account will be set up and you will receive a confirmation email within **2 hours**.

Please Note: the confirmation email may be directed to your **Junk-Email Folder** in Outlook. Please check in this folder before re-submitting your request for an account.

**Where can I find training documentation and other support material for the MW**

**ACDC portal before I get started?**

You will find all training and support material (including the MW changes for D-Spec, training

material, list of validation rules and FAQs) on the ACDC portal itself under the Documents tab

on the right hand side of the portal.



**In what format should my drawings be in order to be accepted by the portal?**

All as-constructed drawings for pipelines must be

* in AutoCAD format
* D-Spec compliant

**What if my organisation doesn’t have Autocad?**

There are a number of options.

1. Your organisation can purchase one of the following apps:
* The AutoCAD Mobile app Premium (US$50 per annum or $5 per month)
* The AutoCAD Mobile app Ultimate (US$100 per annum $15 per month).

This can be purchased at the following link [https://www.autodesk.com/products/autocad-mobile/compare-plans](https://apac01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.autodesk.com%2Fproducts%2Fautocad-mobile%2Fcompare-plans&data=01%7C01%7CCelia.pitt%40melbournewater.com.au%7C0ac84eb40bff457b58c108d59452cf08%7Cfe26127b78ee42c7803e4d67c0488cf9%7C0&sdata=qrQ8dGLkSwTq6uE0IPeyazyq%2Fmv6xqfsIi%2Bed9TReXw%3D&reserved=0)

1. The system will also work with AutoCAD LT at $390 per year.
2. The Open DWG systems such as BricsCAD will also work with the templates.

**Submitting your drawings**

**I have tried to submit an arc/curve pipe sections as an Arc and as a polyline but neither work.**

Arcs must be a segment of a 2D LWPOLY (bulge).

**I am confused as to the Parallel\_ID is maybe unnecessary as the Pipe\_Con is where**

**you put 2x375 or 1x150 or even box culverts 2x450x900BC etc.**

**The Dspec submissions as per manual are supposed to be represented by one single**

**line from centre to centre of pits. Most pipes running parallel have the exact same**

**invert level so this has been the way we always submit them, I am yet to come**

**across parallel pipes with different ILs.**

Melbourne Water requirements are to represent each pipe as a separate record. Parallel ID serves to create a unique key to identify a pipe record (upstream pit + downstream pit + parallel ID). Not all multi-celled culverts are comprised of identical cells. Pipe diameters, lengths, and invert levels can vary within the same culvert (such as when a dedicated low-flow cell is present).

**MPolys don’t seem to work for pits. Our set up/lisp routine spits out mpolys for pits, however I found just exploding them to closed polylines works fine as long as the block for pit is contained inside the closed polyline.**

Standard AUTOCAD does not support MPOLYGON features and for compatibility reasons it is not supported in ACDC. You need to use closed LWPOLYLINE objects.

**The location field only accepts 20 characters so an address is too long. What is expected in this column from Melbourne Water?**

A-Spec documentation (V8.0.2) says ‘Pipe location if not in a street EG: Park Name, Property, Address etc.)’ Twenty characters is the maximum length specified by A-Spec. A default value of ‘N/A’ is acceptable if you cannot fit the entire address in the field.

**Are there naming conventions that Melbourne Water requires us to use in order to**

**submit drawings?**

There are currently is no requirement to submit drawings with a particular naming convention.

**Will design plans be issued in the current format for engineering drawings?**

Yes.

**Where to go for further support**

**Where do I go if I have questions for Melbourne Water after I have submitted my**

**drawing?**

Please email EPMS.PlanRoom@melbournewater.com.au

**What should I do if the ACDC Portal is not available?**

Contact your organisation’s ACDC administrator who will raise a service request to report the

portal is down with Open Spatial. You may contact Open Spatial yourself via

support@openspatial.com