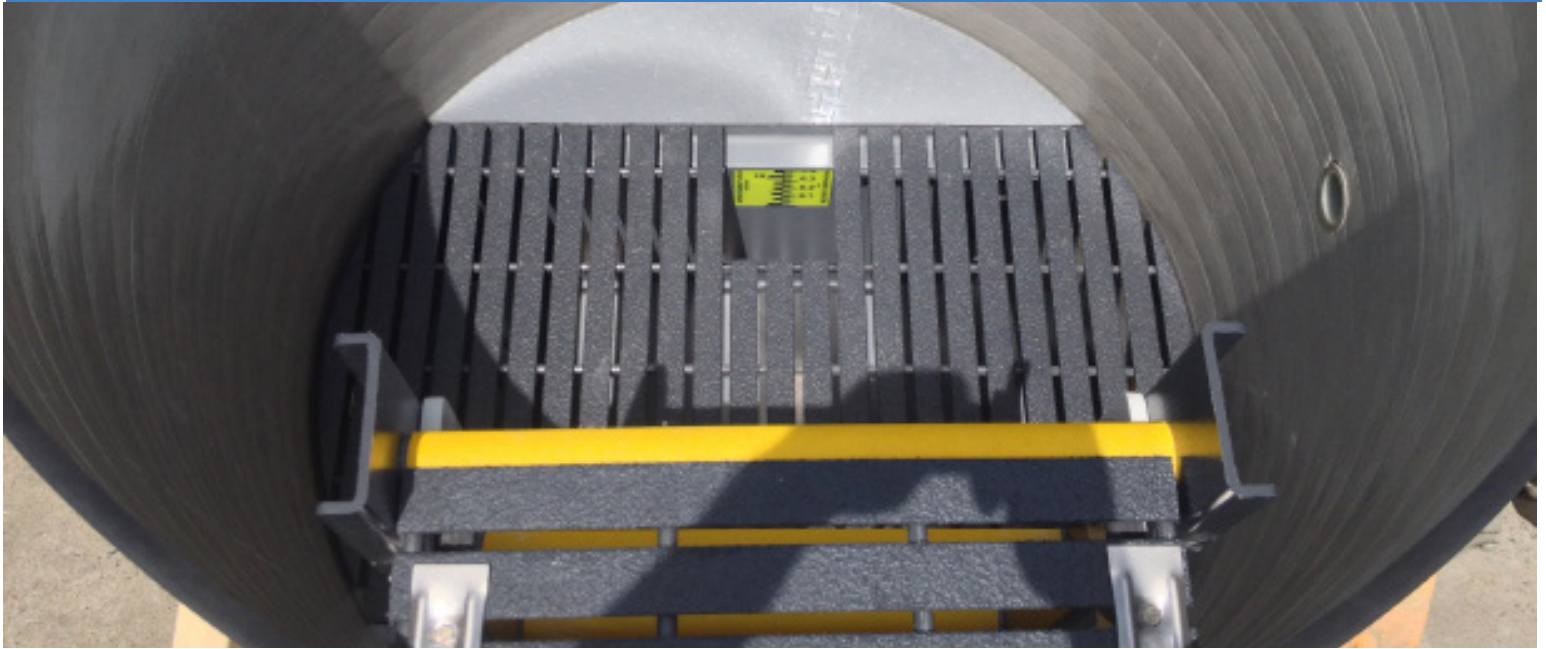


# Weir Manholes



While the range of flumes offered by Openchannelflow is extensive, there are times when a weir is a better fit for a buried pipe flow application. Until now the only way to use a weir in a below grade application was to construct a custom vault - which is both time consuming and expensive.

#### Common Weir Manhole Uses:

- Dam seepage monitoring
- Industrial discharges
- Treatment plant effluent

Openchannelflow's Weir Manholes integrate the same v-notch weirs used in our weir box, portable weir plate, and weir channel products into fiberglass manhole barrels to provide a single-piece, factory-integrated, watertight, and corrosion resistant solution that requires minimal time to install and virtually no maintenance. Dig It! Drop It! Done!

Openchannelflow offers several top styles for our Weir Manholes to help customize them to your particular site needs:

- Domed Top (for grassy, non-traffic areas)
- Aluminum Hatch (for pedestrian traffic, low-profile areas)
- H-20 Reducer (for vehicular traffic areas)
- Open Top

In addition, Openchannelflow Weir Manholes are available in a range of diameters:

- 48-inch [1.22 m]
- 60-inch [1.52 m]
- 72-inch [1.83 m]
- 92-inch [2.34 m]

Of the diameters that are available, the 60-inch [1.52 m] and 72-inch [1.83 m] are the most common.



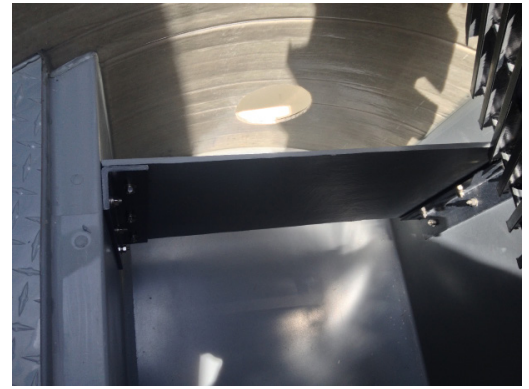
Flumes - Shelters - Fiberglass Manholes - Enclosures - Weirs - Gauges

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### Standard Equipment:

- Fixed underflow baffle
- Fiberglass weir carrier
- Precision cut stainless steel interchangeable weir plate
- Non-slip fiberglass benching / surround



### Benefits

For owner, consultants, and contractors, Weir Manholes provide:

- Single source responsibility - no finger pointing among subs
- Confidence that the weir is sized, fabricated, and installed correctly
  - Accurate and repeatable flow measurement for owners
  - No expensive call-backs for contractors
- Wide variety of weir styles and sizes available
  - Choose the weir that best fit the flow rates
- Virtually no maintenance or repairs
- Minimal installation / plant downtime
- Industry leading (5) year FiberLock equipment warranty - install it and forget it!



### Dig It! Drop It! Done!

From the outset, Openchannelflow Weir Manholes have been designed to be extremely easy to install. At a prepared site, installation can take a little as a morning, making Weir Manholes a great choice when installation time is limited!

### Customization

Openchannelflow offers a wide range of options to help you customize not only the weir, but also the manhole. All to help you maximize the value to the end user.

#### Manhole

- Mounting panels /shelves
- GP and XP lights and fans
- Intermediate platforms

#### Weir

- Dual scale staff gauges
- Stilling wells
- Ultrasonic sensor brackets
- Gratings and covers

#### End Connections

- Pipe stubs
- Flanges
- Caulking collars
- Dual containment piping



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