

## Grid Flooring

Document No: IW-HSQE-SA-23

Approved By: Richard Lillis

Revision: 1.00

Effective Date: 04/9/2018

### 1. What Happened?

Two Mechanical & Electrical operatives were attending Monaghan WWTP on the 14<sup>th</sup> August 2018 to supply and install a new grit trap blower at the inlet works. The two operatives proceeded to the works location. As the second operative walked up the concrete steps and proceeded to cross the grid flooring, it appears the grid flooring moved resulting in the operative falling into the sump (approx. 1.7m deep) sustaining a broken arm and a shoulder and a deep laceration to his leg.

**Note: There is an ongoing investigation including the establishment of the root cause and further details and lessons learned will follow.**



**Photo 1: Grid flooring over Inlet Works**

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## 2. Immediate Actions

Works stopped immediately on site and emergency services contacted.

The works area was sealed off with steel safety pedestrian barriers to prevent unauthorised entry. Checks were carried out on all remaining locations containing grid flooring on site to ensure grid flooring was secure.

## 3. Further Actions

- Ensure all grating/grid platforms and walkways are checked to ensure they are secure and stable prior to use.
- Ensure that regular checks are continued to be carried out on all gratings/grid floorings installed in raised platforms or over fall hazards and report any deficiencies immediately to the person in control of the site.
- Ensure where possible pre-site inspections are carried out prior to works taking place.
- Ensure a suitable Method Statement and Risk Assessments are developed and adhered to. This should also include a detailed Emergency Response Procedure.
- Ensure that regular checks are carried out on all gratings/grid floorings installed in raised platforms or over fall hazards and report any deficiencies immediately.
- Comply with Site Rules and requirements prepared and communicated by those in control of the works area.
- When visiting or carrying out works on site, be mindful of your own safety and that of those around you. Be aware of ongoing activities around you – if something seems unsafe or causes you concern – STOP and evaluate before proceeding.
- Record and report all accidents, incidents, near misses, hazardous acts or situations immediately.

# SAFETY ALERT

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### 4. Further Information

For further information on this safety alert please contact [hsqe@water.ie](mailto:hsqe@water.ie)

### 5. Distribution list

Internal		
Asset Operations <input type="checkbox"/>	Asset Delivery <input checked="" type="checkbox"/>	Asset Management <input type="checkbox"/>
All IW Staff <input type="checkbox"/>		
Other Please Specify _____		

External		
Local Authority <input type="checkbox"/>	DBO <input type="checkbox"/>	Capital Contracts <input type="checkbox"/>
Relevant Framework Contractors Please Specify _____		
Other Please Specify _____		