



# icon

Containment Solutions

## Site Survey Tips for Repair Evaluation and Parts Specification Support



We're here to help.

855.DRY.SUMP (379.7867)

Icon can evaluate the repairability of any containment sump, and provide you with a complete list of required repair parts and materials. Simply email us your pictures and other required information, and we'll reply timely to your request. The information will be organized in the same way that you request it. The following tips can help you help us get it complete and correct. It all starts with the initial site/sump survey, and it's important that the person doing the survey has some understanding of sump repair. Have them call us if there is any question.

**ACCESS** – Consider the size and type of access into the sump. The access may very well determine the type of repair (parts and materials) that is possible, and even whether the repair will be done on the inside or outside of the sump. Check the structure of the sump for any obvious issues, as that is the most critical of repair issues.



**PICTURES/VIDEOS** - Provide *in-focus* pictures with *sufficiently high resolution* to see details. Pictures should clearly identify all sump leak issues. Make sure you can see proximity to seams, corners, or fittings (*not too close, not too far away*). Also, videos are helpful for understanding active water ingress, but large file size may be a problem for email. Share pictures/videos through a web-based programs as necessary.



We have to be able to see it to know what it is!





**MEASUREMENTS** – The size matters for sump repair. It may be obvious from a picture what size, type, and design is involved, but *“if in doubt, measure it out”*. Save yourself the extra trip to get those questions answered. The OD (Outside Diameter) is the critical measurement for pipe, but overall, measurements are very important for other equipment leak issues as well. If measuring for lid replacement, the EasyFit Lid worksheet, available at our web page, should be used for documenting those measurements.



**Not necessary to markup the pictures – measurements in email are sufficient.**

**ORGANIZATION** – Make separate requests for multiple sites. If multiple sumps are involved, provide the pictures sump by sump. The specification can follow that to help you organize the parts in the field. “Representative” pictures are risky, as pipe entry and equipment configurations can vary one sump to another requiring different solutions. Icon provides a Sump Survey Worksheet to assist in the organization of information (*Copia de traducción al español disponible en el sitio*).



**Email to [techsupport@iconcontainment.com](mailto:techsupport@iconcontainment.com)  
Check out our website “Support” page.**



# Sump Survey Worksheet - Fittings



Date: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Tech Phone: \_\_\_\_\_  
 Tech Email: \_\_\_\_\_

Site ID: \_\_\_\_\_  
 Sump ID: \_\_\_\_\_  
 Sump Type: Tank  Disp  Flat  Curved   
 Poly  Fiberglass

**Product Pipe Entry** *(if re-piping, identify new pipe info)*

	Bolted/ # Bolts	Thread Nut	Other	Pipe Mfr & Size or Pipe OD	Notes: (angled or offset entry, no fitting, fitting backwards, etc.)
P1					
P2					
P3					
P4					
P5					
P6					

**Vapor / Vent Pipe Entry**

	Bolted/ # Bolts	Thread Nut	Other	Pipe Mfr & Size or Pipe OD	Notes: (angled or offset entry, no fitting, fitting backwards, etc.)
V1					
V2					

**Conduit Entry**

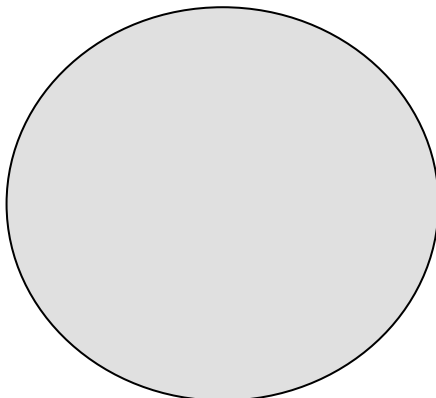
	Bolted/ # Bolts	Thread Nut	Other	Pipe Mfr & Size or Pipe OD	Notes: (angled or offset entry, no fitting, fitting backwards, etc.)
C1					
C2					
C3					
C4					

Select the Pencil Tool from Tools/Comment & Markup menu to draw the positions of the pipe entry.

Active  
Water  
Leak?

Yes

No



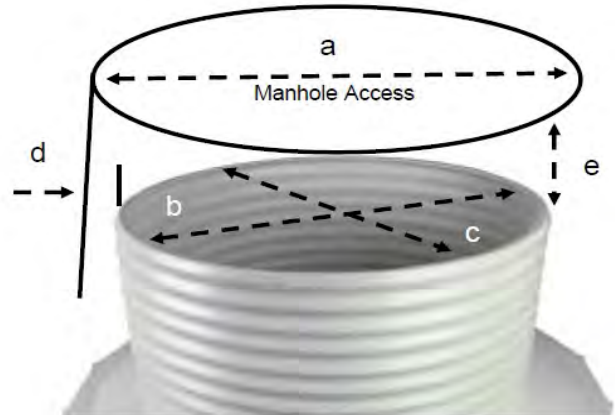
Email with pictures to [techsupport@icontainment.com](mailto:techsupport@icontainment.com).

# Sump Survey Worksheet – Tank Sump Lid



## Measurements for Tank Sump Lid Replacement:

- a. Smallest Inside Diameter of Manhole Access: \_\_\_\_\_
- b. Largest Outside Diameter Sump Top: \_\_\_\_\_
- c. Smallest Outside Diameter Sump Top: \_\_\_\_\_
- d. Sump Side Space to Manhole Skirt: \_\_\_\_\_
- e. Sump Top to Manhole Cover Bottom: \_\_\_\_\_
- f. Sump Type: Poly  Fiberglass



Email with pictures to [techsupport@icontainment.com](mailto:techsupport@icontainment.com).

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# Sump Survey Worksheet – Structural Damage

## Sump Details for Structural Repair:

- a. Description and general measurements of structural repair issue (i.e. crack, puncture, hole, or seam):

- b. Sump Type: Poly  Fiberglass

Email with pictures to [techsupport@icontainment.com](mailto:techsupport@icontainment.com).