**Monitoring Port or Vent Pipe Guidelines**

**Installation of NECA Adaptor in EZsnap lid**

The following instructions are provided as guidelines for installing a NECA adaptor in the EZsnap-Riser Lid. The NECA adaptor allows for a vent, monitoring port, or other purpose to be installed with the EZsnap lid. These instructions are not intended to limit the methods, but provide basic guidelines for a neat, and clean fitting for the adaptor. The NECA adaptor accommodates a 6” pipe but if needed use a pipe reducer to accommodate a smaller pipe size.

**Recommended practice:**

1. Download the paper template from [http://www.infiltratorsystems.com](http://www.infiltratorsystems.com) under Downloads/Manuals/Tanks/Ezsnap Risers.

2. Secure the paper template by spraying adhesive on the back side then placing it on the lid in the correct location. (Fig. 1). Use a \( \frac{1}{2} \)” pilot hole to start the cut.

3. Using a jigsaw, cut along the dotted line shown on the template to create a clean 7” diameter opening.

4. Drill out 3 – \( \frac{3}{4} \)” holes at the indicated locations shown.

**Recommended tools and materials:**

- Jigsaw
- Drill
- Infiltrator paper template
- 3M spray adhesive
- 3 - Size 14 or \( \frac{1}{4} \)” screws
- ISI 1500

5. Insert the NECA adaptor into the opening aligning the arrows. Bonding/sealing agent ISI 1500 can be applied to coupler-lid interface to minimize water intrusion. Once the bonding agent is dry, install screws, install lid and extend piping to grade.
The following options take into consideration the dimension limitations of the pipe, including interference with the inlet/outlet pipe and liquid level of the tank.

**OVERALL TANK VIEW**

<table>
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<th>OPTION 1</th>
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<tr>
<td><strong>OPTION 1:</strong> INSTALLATION OVER INLET / OUTLET PIPE</td>
<td><strong>OPTION 2:</strong> INSTALLATION OVER INNER TANK</td>
<td><strong>OPTION 3:</strong> INSTALLATION WITH EZsnap SYSTEM</td>
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<td>1.5&quot; MAX FROM INTERIOR LID SURFACE DUE TO INLET PEPE INTERFERENCE (MAX 4&quot; PIPE)</td>
<td>8.5&quot; MAX FROM INTERIOR LID SURFACE DUE TO LIQUID LEVEL INTERFERENCE HOWEVER RECOMMENDED LEAVING 2&quot; TO ACCUMULATION FOR SCUM ACCUMULATION</td>
<td>6&quot; EZsnap SHOWN (INLET INTERFERENCE WHEN USING OPTION 3 SHOULD NOT BE CONCERN)</td>
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**DIMENSION LIMIT**

| 1.65" CLEARANCE BETWEEN INTERIOR SURFACE OF LID AND INLET PIPE | 6" EZsnap SHOWN (INLET INTERFERENCE WHEN USING OPTION 3 SHOULD NOT BE CONCERN) | VENT / PORT LOCATION OPTIONS |