

**SUMMARY OF ON-SITE HYDROGEN SULFIDE (H<sub>2</sub>S)  
ODOR MONITORING**

Month and year	Headworks Monitor			UNC Monitor			Digester Monitor			Switchgear Monitor		
	Average H <sub>2</sub> S Reading (ppm)	Minimum H <sub>2</sub> S Reading (ppm)	Maximum H <sub>2</sub> S Reading (ppm)	Average H <sub>2</sub> S Reading (ppm)	Minimum H <sub>2</sub> S Reading (ppm)	Maximum H <sub>2</sub> S Reading (ppm)	Average H <sub>2</sub> S Reading (ppm)	Minimum H <sub>2</sub> S Reading (ppm)	Maximum H <sub>2</sub> S Reading (ppm)	Average H <sub>2</sub> S Reading (ppm)	Minimum H <sub>2</sub> S Reading (ppm)	Maximum H <sub>2</sub> S Reading (ppm)
<b>November 2008</b>	0.0000	0.0000	0.0000	0.0027	0.0000	0.1223 <sup>1</sup>	0.0004	0.0000	0.0425 <sup>2</sup>	0.0002	0.0000	0.0501 <sup>3</sup>
<b>December 2008</b>	0.0000	0.0000	0.0000	0.0025	0.0000	0.0935 <sup>4</sup>	0.0002	0.0000	0.0200 <sup>5</sup>	0.0001	0.0000	0.0205 <sup>6</sup>
<b>January 2009</b>	OS	OS	OS	0.0000	0.0000	0.0073 <sup>7</sup>	0.0003	0.0000	0.0092 <sup>8</sup>	0.0000	0.0000	0.0014 <sup>9</sup>

**Notes:**

OS – Unit Out of Service (OS). Sent to manufacturer for repair

<sup>1</sup> Maximum reading occurred on November 2, 2008 at 10:00 PM.

<sup>2</sup> Maximum reading occurred on November 9, 2008 at 7:35 AM.

<sup>3</sup> Maximum reading occurred on November 2, 2008 at 9:40 PM.

<sup>4</sup> Maximum reading occurred on December 10, 2008 at 8:50 PM.

<sup>5</sup> Maximum reading occurred on December 11, 2008 at 1:20 PM.

<sup>6</sup> Maximum reading occurred on December 4, 2008 at 8:35 PM.

<sup>7</sup> Maximum reading occurred on January 12, 2009 at 1:34 AM.

<sup>8</sup> Maximum reading occurred on January 27, 2009 at 11:52 AM.

<sup>9</sup> Maximum reading occurred on January 12, 2009 at 3:28 AM.

**Monitor Locations (see attached location map):**

Headworks Monitor (#1) – Monitor located between Headworks Facility and Septage Receiving Station on south side of plant property.

Digester Monitor (#2) – Monitor located between Digester #1 and Digester #4 on west side of plant property.

UNC Monitor (#3) – Monitor located between UNC Research Building and Trickling Filter on north side of plant property.

Switchgear Monitor (#4) – Monitor located across from Switchgear building on north side of plant property.