

## **“Rough Cut” IMPLEMENTATION ASSESSMENT**

**Waupaca’s CO<sub>2</sub> emission (3 x 10<sup>5</sup> TPY)**

**vs**

**President’s targeted CO<sub>2</sub> emission (3 x 10<sup>9</sup> TPY) <sup>(1)</sup>**

- \* Waupaca’s emission = President’s target x 0.0001.**
- \* 300 K TPY is sufficient to supply a 24/7 supplement of 800 ppm CO<sub>2</sub> to a 5,000 m<sup>3</sup> hydroponic “grow-box”: 5m x 10m x 100m.**

**This 0.06% supplement would ensure the system a reliable 0.09% CO<sub>2</sub> hyper-concentration.**

- \* What local market-demands could be served by a 5,000 m<sup>3</sup> grow-box?**
- \* Consider the merits of local policy fostering the net development of 4,000 operating grow-boxes.**

**<sup>(1)</sup> The Nation’s Health, September, 2013. Pages 1 & 12**

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**November, 2013**