

dots in blue water resource sheet 2011

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PURIFIER:

- We initially began working with the water systems engineer in southern Indiana, Duvon McGuire. He operates New Life International and can be reached via <http://www.waterfortheworld.com/> You can purchase from his a purifier system that very closely replicates ours, including the patented hub I showed you.
- More recently, we began working with Bill Farrar and Fountains of Hope, a ministry which originated from New Life International, but has since broken away to become an active distributor of the McGuire purifier as well; however, Bill has been far more approachable with our high school students. He went with us to Haiti in June, and is very much aware of our efforts to allow students to “tweak” the system (something that Duvon is less enthusiastic about). <http://fountainsofhope.org/>

TRIP:

Here are some of the articles & videos about our project.

- If you only click on one link, make it this one:

<http://www.edutopia.org/blog/pbl-immersive-brings-clean-water-haiti-suzie-boss>

- One very compelling segment of NBC_33 INC’s “Life’s Better Here--Berne” was an interview with Kylie Cisney (SAHS 2011) and her video journal of the “dots in blue water” and Berne’s community support of the project. A “MUST SEE” segment (in my biased opinion!)

<http://www.indianasnewscenter.com/lifestyle/lifes-better-here/Lifes-Better-Here-Berne-2011-126262183.html>

OTHERS:

Local: <http://www.decatordailydemocrat.com/content/pride-marks-remarkable-mission>

<http://www.journalgazette.net/article/20110703/LOCAL0201/307039923/1047/LOCAL0201>

State: <http://spea.provocate.org/globalindy-analyses/winning-the-future-a-case-study-of-two-indiana-high-schools-zach-foughty>

<http://cms.bsu.edu/Academics/CollegesandDepartments/Teachers/NewsEvents/News/MichaelBaer.aspx>

National: <http://www.brainpop.com/educators/blog/2011/07/dotsinbluewater/>

dots in blue water target projects for 2011-2012

RESEARCH:

Students develop a new prototype for the water chlorinator to reduce costs, including:

- a) tap the 12V DC chlorinator from a 110V AC supply
- b) substitute higher capacity 110V AC water pumps vs 12V DC currently used
- c) investigate silver iodide purification vs chlorination
- d) increase the sustainability of the system by utilizing solar, wind, and water power
- e) investigate family-sized purifier systems

TRIPS:

- a) TWO one-week trips to Haiti:
 - i) return to Chambrun area —IDP camp: well drilling & capping + purifier(s) (Jun 2012)
 - ii) San Luis-du-Nord (north coast)—school (Jun 2012)
- b) Trip to northwest India for local industrial plant (Jul 2012)
- c) Partner with Trine University Wuo trip to Liberia (Dec 2011) —training + purifier for school
- d) Partner with Peace Corps in western Uganda —school (Aug 2012)

PROMOTION:

Encourage other schools (high schools + college groups) to replicate “Making a World of Difference”