

# Northern Arizona University

## Environmental Design Team

Team: Alex Anzar, Shelby Carawan, Paige Reilly, Cameron Rhodes

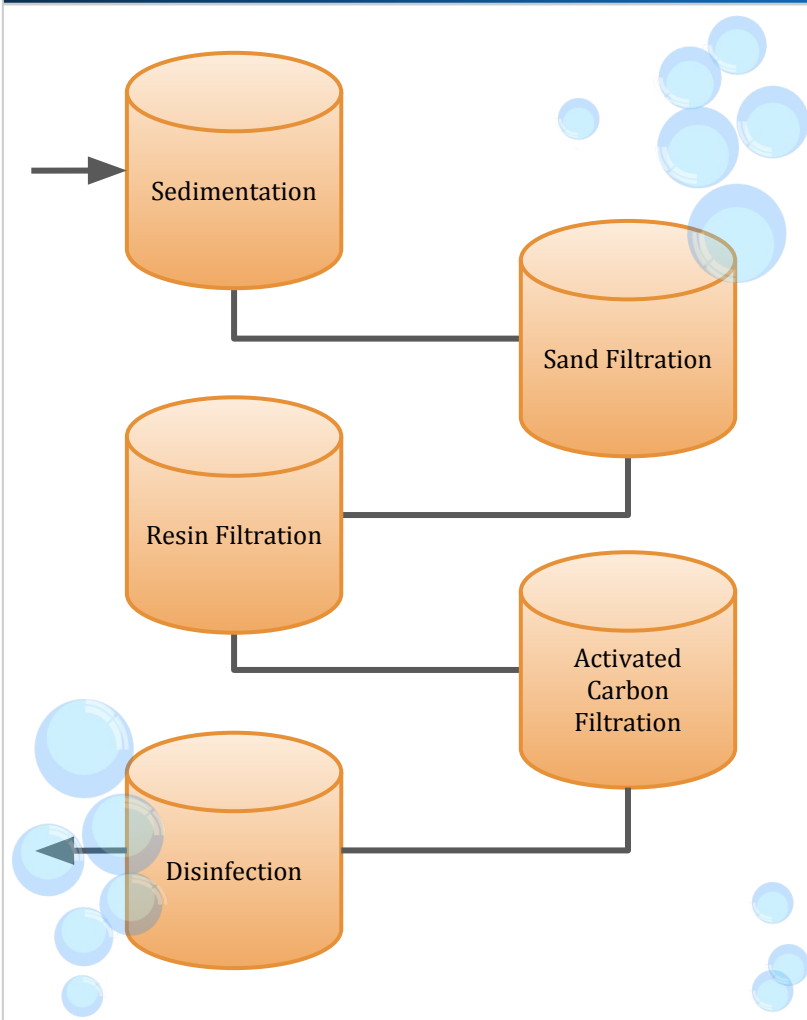


Figure 1: Process Flow Diagram

Table 1: List of Materials with Respective Costs

Item	Vendor	Unit	Cost	Quantity	Total cost
2 in. by 4 in. Prime Stud	Home Depot	104.625 in. Stud	\$3.77	4	\$15.08
Plywood	Home Depot	48 in. x 96 in. Sheet	\$9.98	1	\$9.98
5 Gallon Bucket	Home Depot	1 Bucket	\$3.25	5	\$16.25
Screws	Home Depot	90 nails	\$8.38	1	\$8.38
30 Gallon Storage Tote	Home Depot	1 Tote	\$9.97	1	\$9.97
Screwdriver	Home Depot	1 Screwdriver	\$0.87	4	\$3.48
Mens Crew T-Shirts	Walmart	10 T-Shirt Pack	\$19.93	1	\$19.93
Rubber Bands	Walmart	64 Bands	\$1.27	1	\$1.27
Deionization Resin	Amazon	5 Pounds	\$45.00	4	\$180.00
Bleach	Amazon	30 Ounces	\$8.14	1	\$8.14
Activated Carbon	Amazon	39 Ounces	\$16.99	8	\$135.92
Sand	Amazon	50 Pounds	\$28.41	1	\$28.41
<i>Total Cost</i>					<b>\$436.81</b>

### References

- [1] American Society of Civil Engineers Environmental Design Competition. (2017). Flagstaff: Northern Arizona University, pp.1-9.
- [2] "WHO | Environment and health in developing countries," Who.int, 2017. [Online]. Available: <http://www.who.int/heli/risks/ehindevcoun/en/>.
- [3] Arizona State University. (n.d.). United Nations Sustainable Development Goals. [online] Available at: <https://sustainability.asu.edu/sustainable-development-goals>