

Winooski River Basin Clean Water Service Provider

Brian Voigt

Central Vermont Regional Planning Commission

voigt@cvregion.com

Winooski River Basin

Clean Water Service Provider: Formula Grant

Annual Funding Based on Formula					
	Design, Engineering & Construction	Project Identification & Development	Total Project Funding	Maximum Administrative Costs	Total Project Funding + Max Admin
FY23	\$827,068	\$57,737	\$884,805	\$156,142	\$1,040,947
FY24	\$871,791	\$60,859	\$932,650	\$164,585	\$1,097,235

Phosphorous Reduction Targets (kg)					
Farm Fields	Developed Lands	Forest	Streams	Total	
9.2	23.9	0	36.4	69.6	

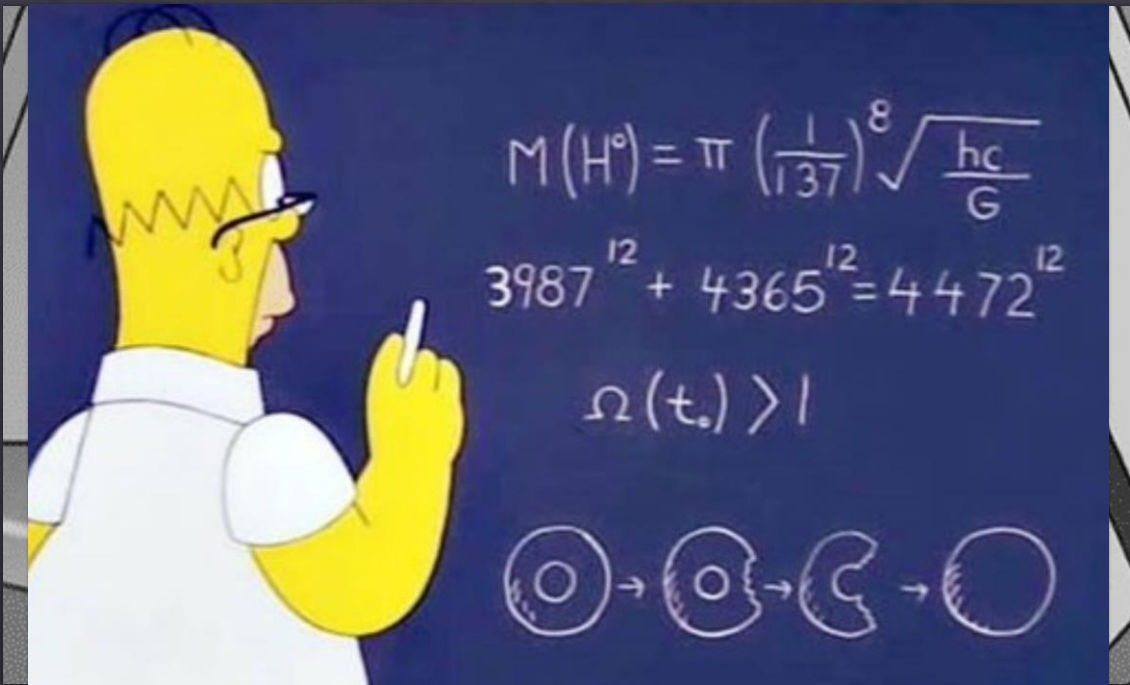
Progress Report

Project Type	Project Phase	Cost (\$)	Future funding (\$)	P-reduction (kg)
berm removal	preliminary design	\$45,000	Final Design: \$25,000 Implementation: unknown	118.95
floodplain restoration	preliminary design	\$27,500	Final Design: unknown Implementation: unknown	22.04
strategic wood addition	final design	\$19,500	Implementation: \$120,000	80.1
	Total	\$92,000	\$145,000+	221.09

Navigating the DEC – CWSP – BWQC Relationship



Establishing Phosphorous-reduction Efficiency Threshold

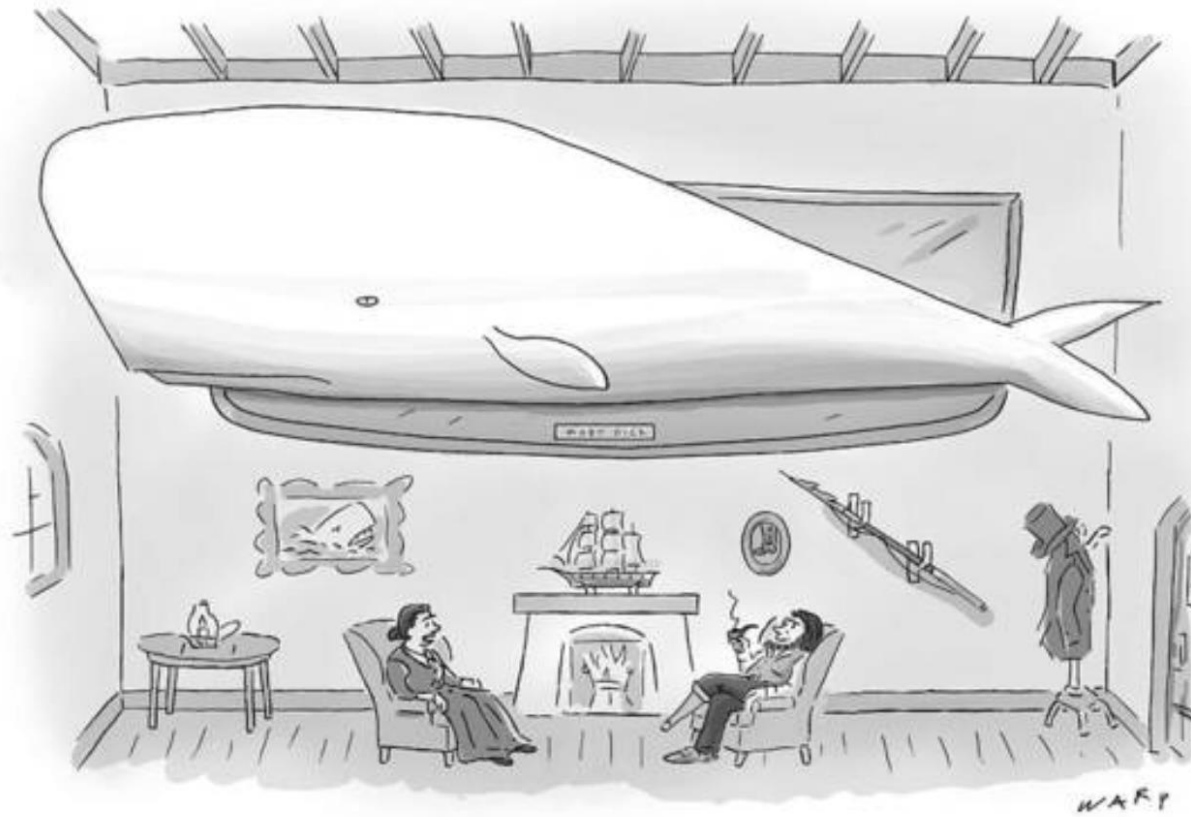


Price / kg P (\$)	Implementation	Design
< 7,500	75	37.5
7,500 – 10,000	65	32.5
10,000 – 12,500	55	27.5
12,500 – 15,000	45	22.5
15,000 – 17,500	35	17.5
17,500 – 20,000	25	12.5
20,000 – 25,000	15	7.5
25,000 – 30,000	5	2.5
> 30,000	0	0

Stochasticity and the art of project solicitation

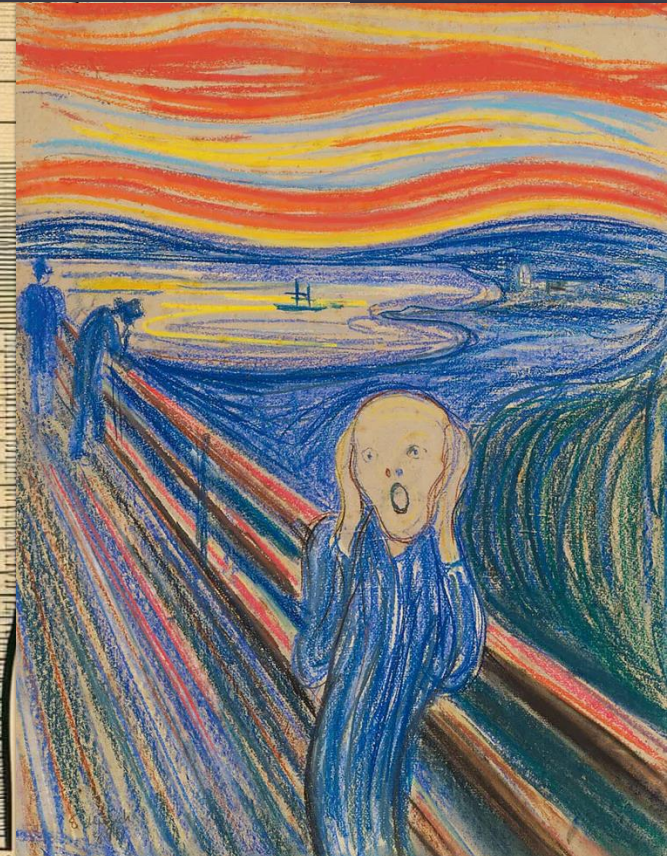
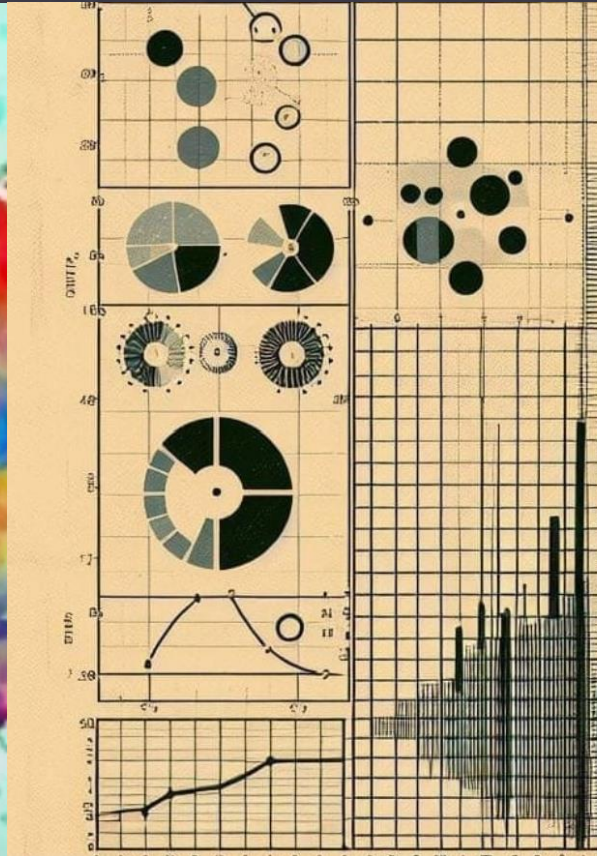


Chasing White Whales



"Happy?"

Managing Uncertainty



Hey CWSPer, wanna buy some p (credits)?



A financial market through which phosphorous credits can be bought and sold.