Background/Problem:

The project site for this design is located in southern 137 acres.



reused as irrigation water for the field.

 Must be fully the pump whe below maxim Must maximiz water possibl Cannot impact service or maximized Can only use volt voltage d 	en water is in the um capacity in the ze efficiency by o e to be held in p ct tile drainage fl alfunctions single phase ele rop	control system that tur e sump and water leve he ponds capturing largest amou onds low when system is no ectricity with less than
 Cannot distur Must be easil 	b current agricu ly operational an	Iltural operations nd repairable if necessa ne life of the product
<u>Client:</u>	<u>Sponsor:</u>	<u>Tec</u>

Jim Moseley Former Deputy Secretary of Agriculture

Jane Frankenberger Ph.D

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st Breakdown:		
Design Element	Cost (\$)	
Sump	2,493	
Pump	1,725	
Controller	2,374	
Piping	3,480	
Wiring	2,350	
Conduit	440	
Excavation	4,775	
oprox. Total Design Cost	17,637	



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Think impact

PURDUE