



CEDAR PINEY LAKE WATER INTAKE PROJECT DATA

City of Danville Arkansas, Mr. Wayne Morphis Phone: (479) 495-2013

1299 E 8th Street, Danville, AR 72833

Prime Contractor AO3 Solutions, LLC, Mr. Tom Baird (501) 625-0031

Subcontractors Reliant Water Technologies / Manufacturer of the Wet Well Wizard
E3 Environmental

Installation was 7-18-19

CHEMICAL #'S	ACC2400	NAOH	CARBON	KMNO4	LIME	CL2	ALGAE BLOOM PRESENT	Raw Turbidity (NTU)
COST / #	\$ 0.28	\$ 0.83	\$ 0.74	\$ 3.15	\$ 0.23	\$ 0.52		
MAY	1081	2288	1268	917	1354	1220	YES	9.84
JUNE	782	1314	1280	1080	1314	1058	YES	8.40
JULY	635	1212	1212	108	205	1120	NO	3.00
AUGUST	607	1254	1254	0	0	1100	NO	3.00

Chemical Reduction 48%

REDUCTION IN POUNDS/MONTH	446	1076	56	917	1354	100	MONTHLY SAVINGS
SAVINGS / MONTH	\$ 125	\$ 893	\$ 41.44	\$ 2,889	\$ 311	\$ 52.00	\$ 4,311.37

ROI = 8.5 months
ANNUAL SAVINGS

\$ 51,736.44

Chemical Reduction After AO3 Solutions Installed Water Intake Aeration System

