FACSIMILE TRANSMITTAL SHEET

DATE: 6/4/93

TO: Dennis Lehman

Name: EPA

Agency:

Address:

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FROM: Roger Westman

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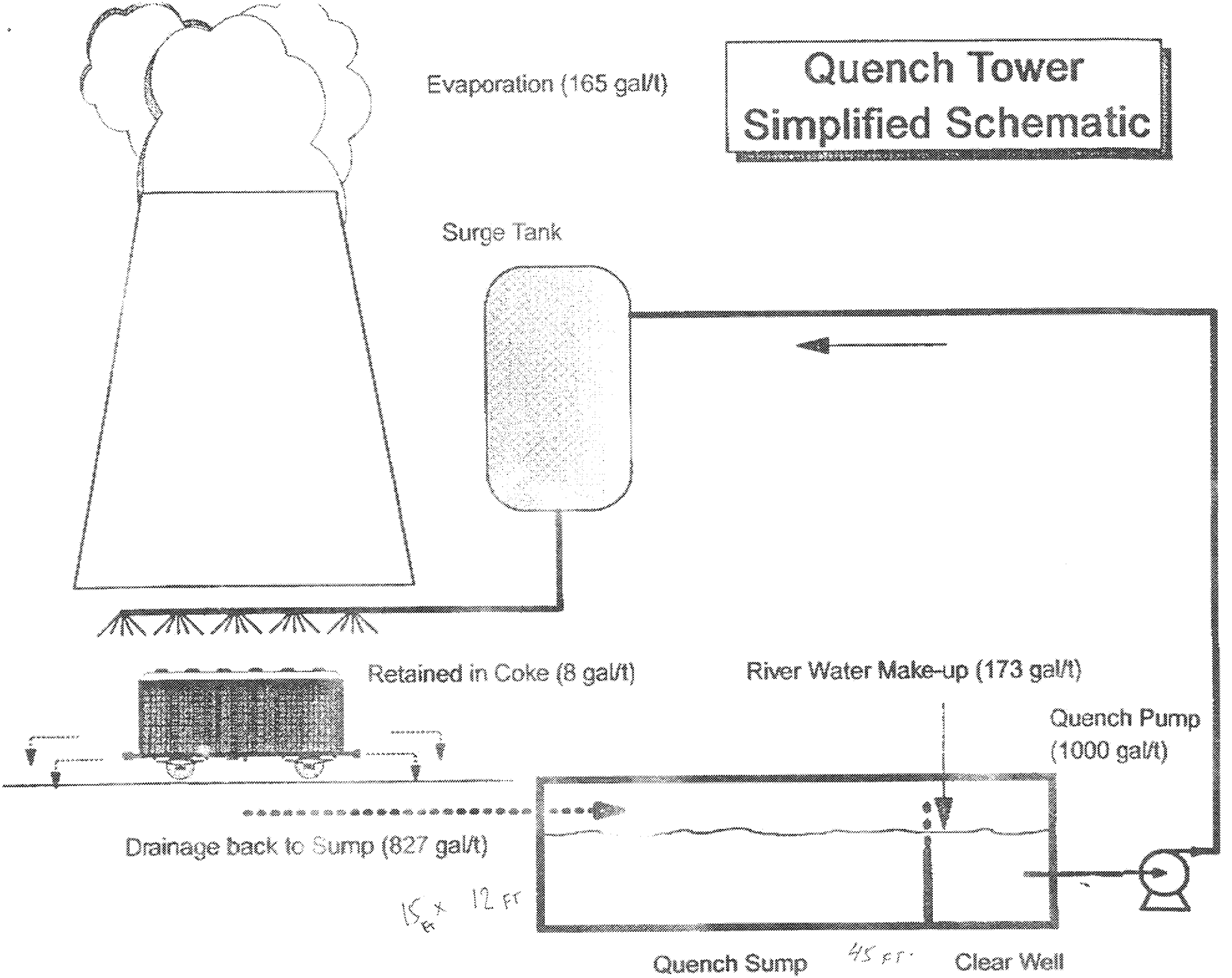
Total Number Pages (including this sheet): 8

If you do not receive all pages, Please notify me as soon as possible at (412) 578-8103

Quench Tower Simplified Schematic



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U.S. Steel Clairton Works
Environmental Control Department

June 3, 1993

U.S. Steel Clairton Works

Analysis Summary - Quench Sumps

Sample	Benzene, mg/L	Phenol, mg/L	CN-F, mg/L	TSS, mg/L	Ammonia, mg/L	O&G, mg/L
#1 Sump, 4/13/93, clear well	0.0006	0.149	0.012	63	0.54	9.0
#3 Sump, 4/13/93, sump	0.0003	0.113	0.011	100	0.37	9.6
B Sump, 4/13/93, pump header	0.0003	< 0.005	0.007	5	< 0.20	2.5
#5 Sump, 4/13/93, clear well	0.0005	0.046	0.017	89	0.54	9.4
#7 Sump, 4/13/93, pump header	< 0.0002	0.019	0.009	212	23.10	6.1

Sample	Benzene, mg/L	Phenol, mg/L	CN-F, mg/L	TSS, mg/L	Ammonia, mg/L	O&G, mg/L
River Intake, 4/13/93	< 0.0002	< 0.005	0.006	13	0.21	1.8
Quench Sump Minimum, 4/13/93	< 0.0002	< 0.005	0.007	5	< 0.20	2.5
Quench Sump Average, 4/13/93	0.0004	0.066	0.011	94	4.95	7.1
CWTP Mo. Avg. Limits	0.0670	0.216	7.130	112	32.80	19.4
Contaminated Water Typical	280.0000	600.000	95.000	200	2200.00	4200.0

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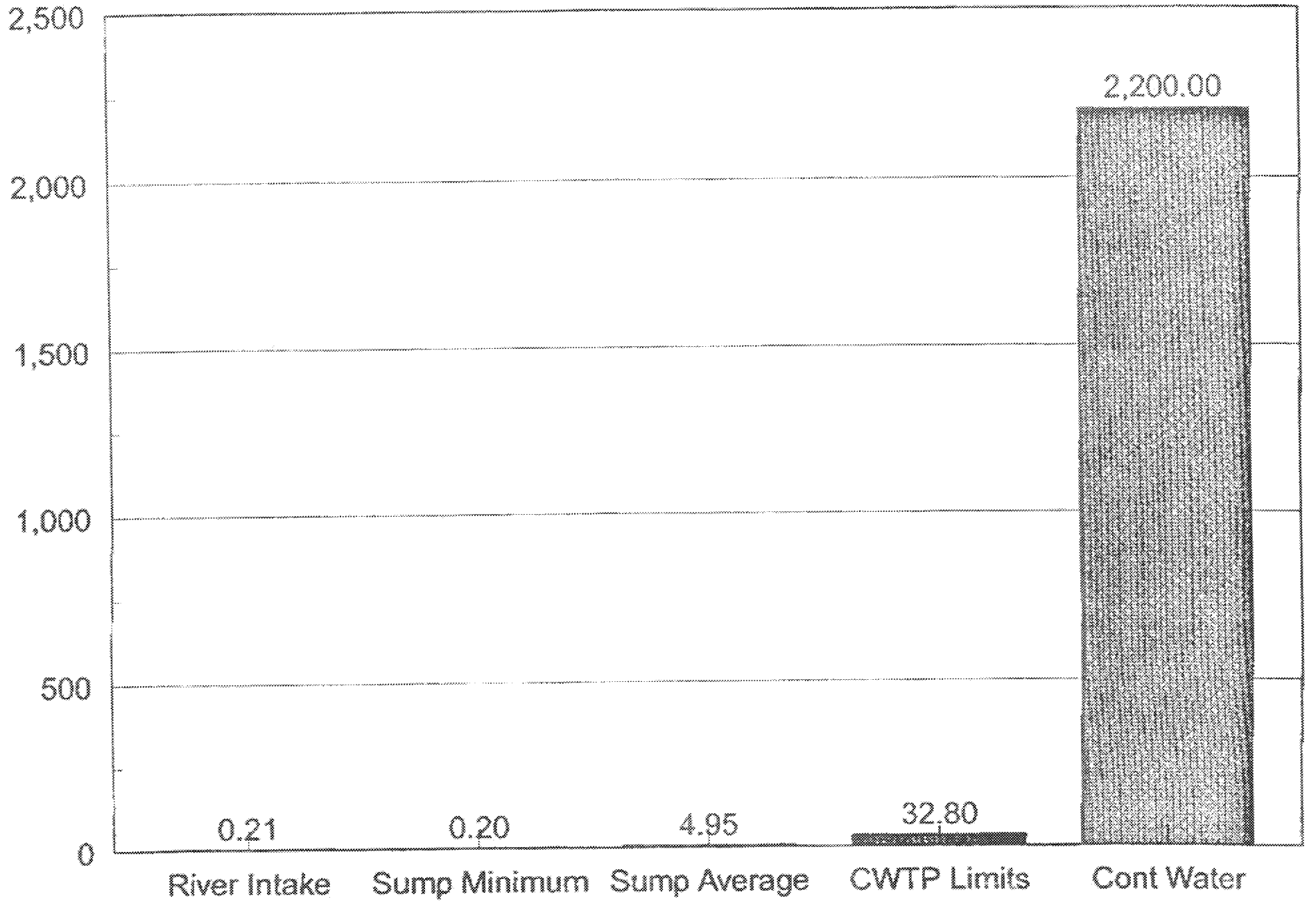
Quench Sump Analysis Summary

Ammonia Concentrations, mg/L



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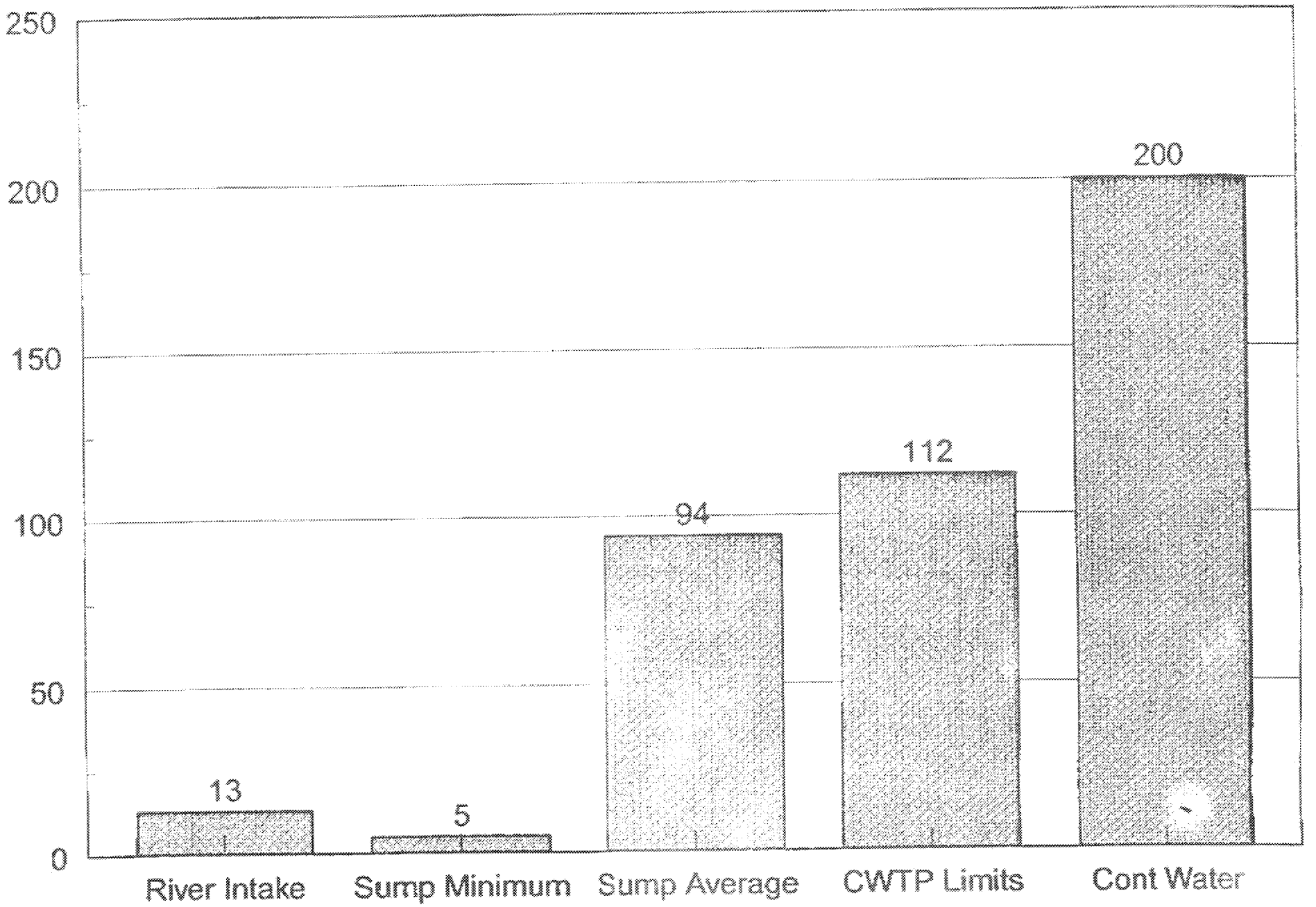
Quench Sump Analysis Summary

TSS Concentrations, mg/L



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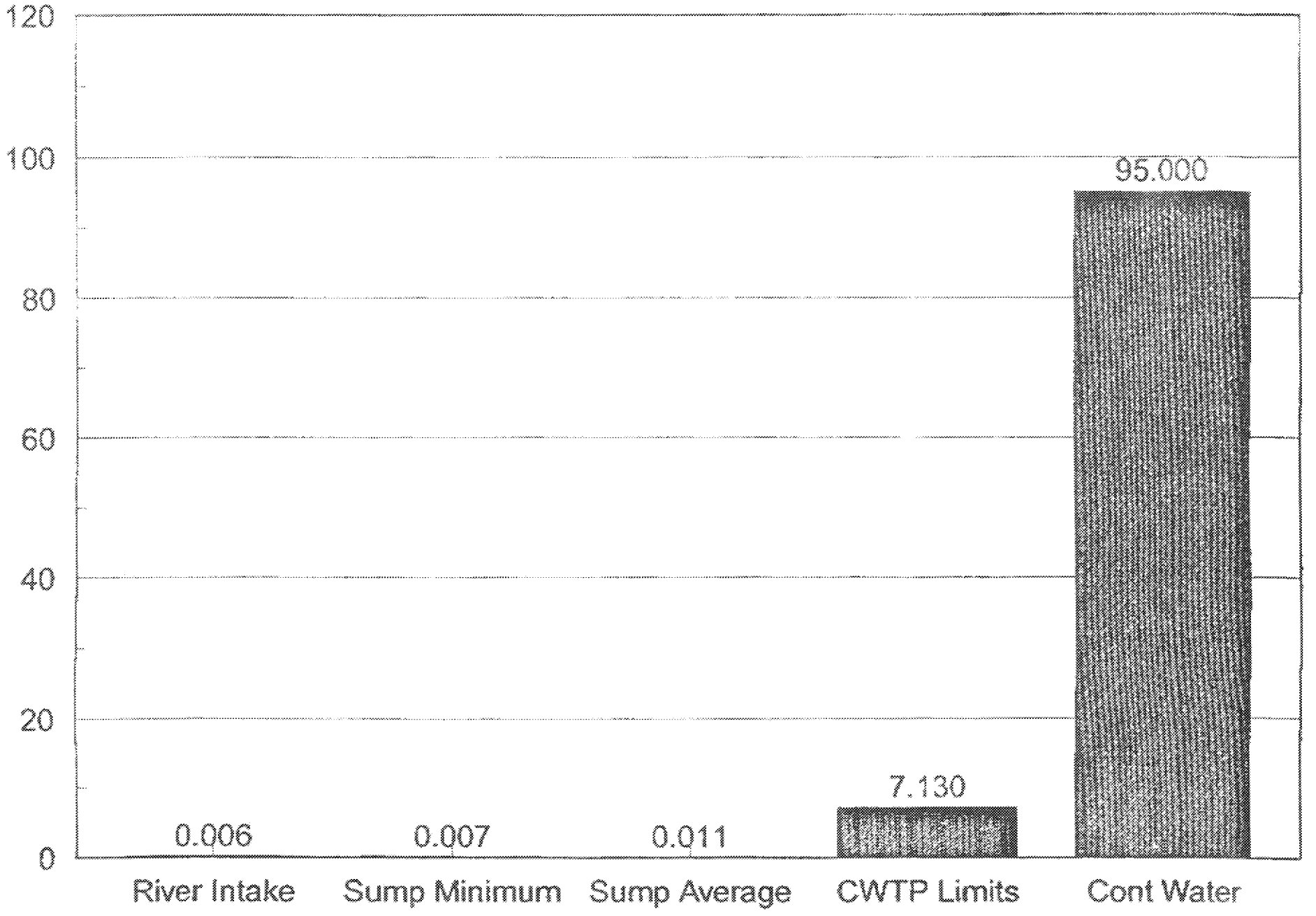
Quench Sump Analysis Summary

Free CyanideConcentrations, mg/L



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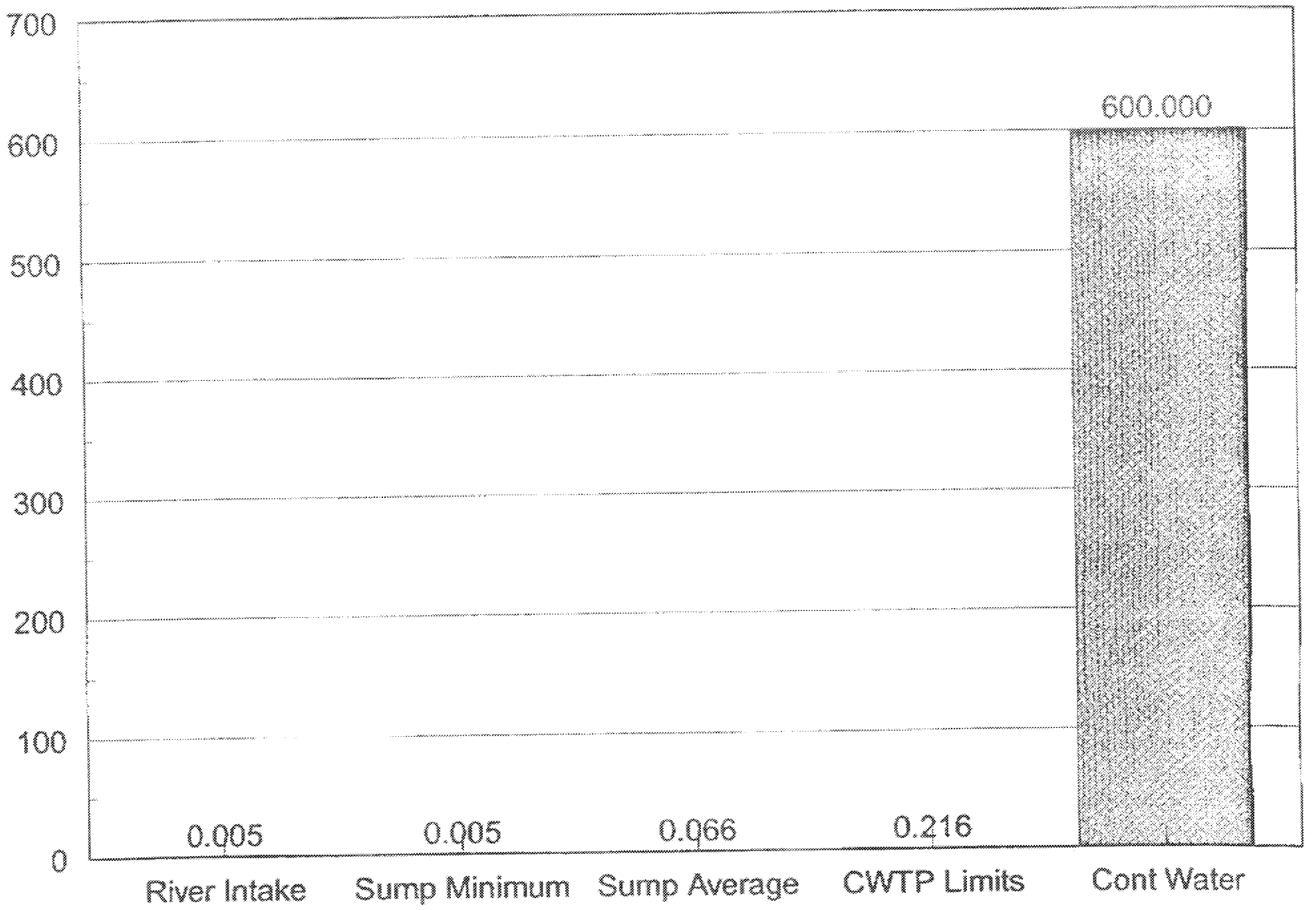
Quench Sump Analysis Summary

Phenol Concentrations, mg/L



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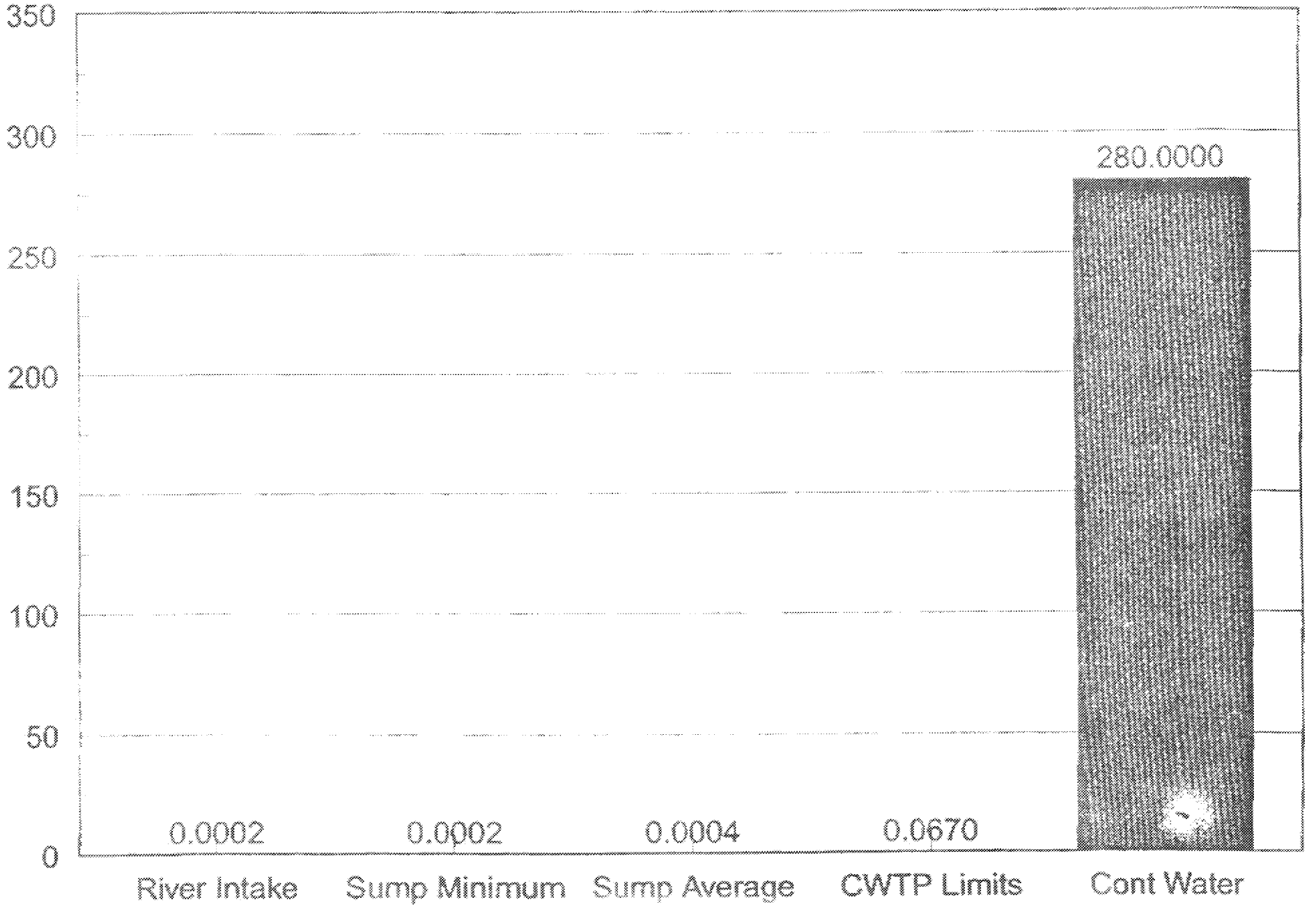
Quench Sump Analysis Summary

Benzene Concentrations, mg/L



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