

**ALABAMA WATER & POLLUTION CONTROL ASSOCIATION'S
PACKAGE PLANT "BEST OPERATED PLANT" GRADE SHEET**

Name of Plant or System: _____

I. Raw Water Equipment

Total for Section I 0.00

II. Filters

Total for Section V 0.00

III. Clearwell

Total for Section III 0.00

IV. Chemical Feed Equipment

Total for Section VII 0.00

V. Extra Equipment

Total for Section VIII 0.00

VI. Maintenance & Operation Records

Total for Section IX 0.00

VII. Safety

Total for Section X 0.00

VIII. Water Quality Performance

Total for Section XII 0.00

IX. Appearance

Total for Section IX 0.00

X. General

Total for Section X 0.00

Total Score 0.00 (100 Possible Points)

Inspector: _____

Date of Inspection: _____

I. Raw Water Equipment	(Answer)	(Score)
1. Has Generator (yes = 1 no = 0)	_____	_____
2. Operable Raw Water Meter (yes = 1 no = 0)	_____	_____
3. Is Facility Visited Daily (yes = 1 no = 0)	_____	_____
4. Overall Condition (excellent = 4 good = 3 fair = 2 poor = 0)	_____	_____
Total for section I		<u>0.00</u>

II. Filters	(Answer)	(Score)
1. All Loss of Head (DP) Indicators Operable (yes = 1 no* = -1)	_____	* _____
2. All Rate of Flow Indicators Operable (yes = 1 no* = -1)	_____	* _____
3. Is There a Standard Operating Procedure for Backwash (yes = 1 no = 0)	_____	_____
4. Are Rake & Hookgage or other Advanced Flow Rate Equipment Available (yes = 1 no = 0)	_____	_____
Total for section II		<u>0.00</u>

III. Clearwell	(Answer)	(Score)
1. Is Clearwell Properly Protected (yes = 1 no* = -1)	_____	* _____
2. Is Clearwell Level Indicator Working Properly (yes = 1 no = 0)	_____	_____
3. Overall Condition (excellent = 4 good = 3 fair = 2 poor = 0)	_____	_____
Total for section III		<u>0.00</u>

IV. Chemical Feed Equipment	(Answer)	(Score)
1. Spare Disinfectant Feeder (yes = 2 no* = -2)	_____	* _____
2. Spare Corrosion Control Feeder (yes = 2 no* = -2)	_____	* _____
3. Spare Coagulant Feeder (yes = 2 no* = -2)	_____	* _____
4. Is Weight of Chemical Usage Recorded (yes = 2 no = 0)	_____	_____
5. Overall Condition (excellent = 4 good = 3 fair = 2 poor = 0)	_____	_____
Total for section IV		<u>0.00</u>

V. Extra Equipment (1 Point Each)	(Score)	
1. Fluoride Being Feed	_____	
2. Corrosion Inhibitor Other Than Lime, Soda Ash, etc. Being Used	_____	
3. Powdered Activated Carbon, Potassium Permanganate or other Oxidation Chemical is Being Feed	_____	
4. Particle Counters or Advanced Turbidity Equipment Being Used	_____	
Total for section V		<u>0.00</u>

VI. Maintenance & Operation Records	(Answer)	(Score)
1. Produces Monthly Operating Report for previous year (yes = 1 no = 0)	_____	_____
2. Makes Monthly Determination of Unaccounted for Water (yes = 1 no* = -1)	_____	* _____
4 Is Unaccounted for Water 15% or Less for the Past Twelve (12) Months (yes = 1 no = 0)	_____	_____
5 Calibration Charts for Feeders Updated Within the Past Six (6) Months (yes = 1 no = 0)	_____	_____
6 Are Turbidimeters Verified Daily & Calibrated Quarterly (yes = 1 no* = -1)	_____	* _____
7 Records Indication Monthly Rate of Flow Measurements on Each Filter (yes = 1 no* = -1)	_____	* _____
8 Produces Bacteriological & Chemical Results for previous year (yes = 1 no = 0)	_____	_____
9 Produces Consumer Confidence Report for previous year (yes = 1 no = 0)	_____	_____
10 Has Raw & Finished Water Flow Meters Been Calibrated in the Past Twelve (12) Months (yes = 1 no = 0)	_____	_____
11 Does System Have a Cross-Connection Policy (yes = 1 no = 0)	_____	_____
Total for section VI		_____ 0.00

VII. Safety

(Answer)

(Score)

1. Has Safety Displays & Posters
(yes = 2 no = 0)

2. Gas Mask with Unexpired Canister or SCBA, or
comparable Safety Equipment if Feeding Disinfectant
Other Than Chlorine
(yes = 2 no* = -2)

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3. Are all Areas of the Plant Safe to Work Except as
Noted by Appropriate Signs
(yes = 2 no = 0)

4. Can Produce Evidence of Completing any Safety
or First Aid Seminar or Class
(yes = 2 no = 0)

5. Does Disinfectant Rooms Have Proper Ventilation
(yes = 2 no = 0)

6. Is an Operable Shower Available Near the
Fluoride Area
(yes = 2 no = 0)

Total for section VII 0.00

VIII. Water Quality Performance (January - December)

(Score)

1. Maximum Filter Effluent Turbidity is 0.10 NTU or Less
(2 points)

2. "A" = Maximum Monthly Filtered Water Turbidity: _____ NTU
1.0 - "A" = "B" x 5 = Total Points

3. Fluoride Concentration Averaged Between 0.9 mg/L & 1.10 mg/L
(2 points)

6. TOC Results Reported to ADEM 1.0 or Greater
(2 points)

7. DBP in Compliance for the Last Year
(2 points)

Total for section VIII 0.00

IX. Appearance	(Answer)	(Score)
1. Interior of the Plant (excellent = 5 good = 4 fair = 3 poor = 0)	_____	_____
2. Exterior of the Plant (excellent = 5 good = 4 fair = 3 poor = 0)	_____	_____
3. Overall Rating of the Plant (excellent = 5 good = 4 fair = 3 poor = 0)	_____	_____
Total for section IX	_____	0.00

X. General	(Answer)	(Score)
1. One Point for Each AWPCA Conference Attended in the Past Three (3) Years by Plant Personnel (Maximum of 3 Points)	_____	_____
2. One Point for Each Member of AWPCA (Maximum of 4 Points)	_____	_____
3. Overall Rating of Operators Capabilities (excellent = 5 good = 4 fair = 3 poor = 0)	_____	_____
4. Overall Rating of Plant Operation (excellent = 5 good = 4 fair = 3 poor = 0)	_____	_____
Total for section X	_____	0.00

Total Score _____ 0.00