

## ATTACHMENT 3: Summary of WET Checklist Questions

The following is a summary of the questions asked, information needed, and points assessed in the WET Checklist. This summary is to be used as a guide for staff when determining what information will be needed to complete the electronic version of the Checklist or for sharing Checklist information with others. *This summary is not intended to replace the electronic (SWAMP) version of the Checklist.* Instructions concerning each step is included in the preceding chapter.

- 1) FACILITY NAME:
- 2) OUTFALL NO.:
- 3) PERMIT NO.:

ACUTE RECOMMENDATIONS	CHRONIC RECOMMENDATIONS
IWC Not Applicable for acute	IWC: ( $\leq 35\%$ = 0 pts; $36 - 65\%$ = 10 pts; $> 65\%$ = 15 pts) <b>POINTS:</b> (maximum possible = 15)
<b>Acute WET Data</b> Reasonable Potential Factor: <i>With <math>\geq 5</math> data points:</i> 0 points If $< 0.1$ 10 points If $\geq 0.1$ , but $< 0.2$ 20 points If $\geq 0.2$ , but $< 0.3$ 30 points If $\geq 0.3$ <i>With <math>&lt; 5</math> data points:</i> 0 points If $< 0.1$ 5 points If $\geq 0.1$ , but $< 0.2$ 10 points If $\geq 0.2$ , but $< 0.3$ 15 points If $\geq 0.3$ <b>If <math>\geq 5</math> test results <u>and</u> the RPF <math>\geq 0.3</math>, a limit is recommended</b>	<b>Chronic WET Data</b> Reasonable Potential Factor: <i>With <math>\geq 5</math> data points:</i> 0 points If $< 0.1$ 10 points If $\geq 0.1$ , but $< 0.2$ 20 points If $\geq 0.2$ , but $< 0.3$ 30 points If $\geq 0.3$ <i>With <math>&lt; 5</math> data points:</i> 0 points If $< 0.1$ 5 points If $\geq 0.1$ , but $< 0.2$ 10 points If $\geq 0.2$ , but $< 0.3$ 15 points If $\geq 0.3$ <b>If <math>\geq 5</math> test results <u>and</u> the RPF <math>\geq 0.3</math>, a limit is recommended</b>
<b>POINTS:</b> (maximum possible = 30)	<b>POINTS:</b> (maximum possible = 30)
<b>Effluent Variability/WWTP Performance</b> 1. Are production processes or plant loadings variable? <input type="checkbox"/> Yes (5 pts) <input type="checkbox"/> No 2. Is there a history of permit violations? <input type="checkbox"/> Yes (5 pts) <input type="checkbox"/> No 3. Is any treatment present? <input type="checkbox"/> Yes <input type="checkbox"/> No 4. Is the discharge solely of nccw, ccw, bb, or ctb? <input type="checkbox"/> Yes <input type="checkbox"/> No (If both 3 & 4 = YES, 10 pts; If either is NO = 0 pts.)	<b>SAME POINTS AS ACUTE</b>
<b>POINTS:</b> (maximum possible = 10)	<b>POINTS:</b> (maximum possible = 10)
<b>WWTP Performance (cont.)</b> Is there a history of frequent or severe WWTP upsets? <input type="checkbox"/> Yes (5 pts) <input type="checkbox"/> No Are WWTP operations inconsistent? <input type="checkbox"/> Yes (5 pts) <input type="checkbox"/> No	<b>SAME POINTS AS ACUTE</b>
<b>POINTS:</b> (maximum possible = 10)	<b>POINTS:</b> (maximum possible = 10)
<b>Stream Classification</b> Discharge is to : <input type="checkbox"/> L. Superior or an Outstanding Resource Water (15 pts) <input type="checkbox"/> an Exceptional Resource Water (12 pts) <input type="checkbox"/> a FFAL or to waterbody w/in 4 mi of an FFAL (5 pts) <input type="checkbox"/> a variance receiving water (0 pts)	<b>SAME POINTS AS ACUTE</b>
<b>POINTS:</b> (maximum possible = 15)	<b>POINTS:</b> (maximum possible = 15)
<b>Chemical Specific Data - Acute</b> No. of substances which require Acute WQBEL: _____ No. substances detected which do not require WQBEL: _____ No. of "Additional Compounds of Concern" detected: _____	<b>Chemical Specific Data - Chronic</b> No. of substances which require Chronic WQBEL: _____ No. substances detected which don't require WQBEL: _____ No. of "Additional Compounds of Concern" detected: _____
<b>POINTS:</b> (maximum points = 15)	<b>POINTS:</b> (maximum points = 15)
<b>Additives</b> How many Biocides are Used? _____ (3 pts. each) How many Water Quality Cond. are used? _____ (1 pt. each)	<b>SAME AS ACUTE</b> unless additives are never present more than once in 4 days (0 pts)
<b>POINTS:</b> (maximum possible = 20)	<b>POINTS:</b> (maximum possible = 20)
<b>Industrial Contributors/Discharge Category</b> <b>MUNICIPAL</b> How many facilities discharge process waste to this WWTP and appear on the lists below? (5 pts for 1st + 1 for each additional) <b>OR</b> <b>INDUSTRIAL</b> Select type from the appropriate category below: <input type="checkbox"/> Electroplating; Fe & steel mfg.; Nonferrous metals mfg. or forming; Metal Finishing; Coil coating; Cu or Al forming; Battery mfg.; Metal Molding & Casting (Foundries); Mines; Mechanical products mfg. (15 pts) <input type="checkbox"/> Petroleum refining (15 pts) <input type="checkbox"/> Pulp, paper, paperboard mfg.; Timber products processing (15 pts) <input type="checkbox"/> Organic/Inorganic chemicals mfg.; Leather tanning & finishing; Agricultural chemicals mfg.; Pharmaceutical mfg.; Plastic/synthetic material mfg.; Soap & detergents mfg.; Textile mills; Adhesives & sealants mfg.; Paint & ink formulation; Photographic equipment; Printing & publishing; Rubber processing (10 pts) <input type="checkbox"/> Superfund or Environmental Repair Fund (ERF) Sites and complex groundwater	<b>SAME POINTS AS ACUTE</b>

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ACUTE RECOMMENDATIONS	CHRONIC RECOMMENDATIONS
remediations (8 pts) _____ Steam electric power generating (5 pts) _____ Food processors; dairies (including COW discharges); cancooling waters; meat packers; fish hatcheries (5 pts) _____ <b>None or discharge does not contain process waters (0 pts).</b>	
<b>POINTS:</b> (maximum possible = 15)	<b>POINTS:</b> (maximum possible = 15)
<b>Wastewater Treatment</b> No Treatment (10 pts) Primary Treatment Only (Primary clarification or physical removal) (8 pts). Secondary Treatment or better (0 pts) NCCW, Boiler or cooling tower blowdown only (0 pts)	SAME POINTS AS ACUTE
<b>POINTS:</b> (maximum possible = 10)	<b>POINTS:</b> (maximum possible = 10)
<b>Ecological impacts</b> Impacts are thought to be solely attributable to discharge (i.e., evidence is available which implicates discharger) (20 pts) Impacts are contributed to by the discharge, but not solely caused by the discharge (5 pts) No evidence of downstream impacts attributable to discharge (0 pts)	SAME POINTS AS ACUTE
<b>POINTS:</b> (maximum possible = 20)	<b>POINTS:</b> (maximum possible = 20)
<b>TOTAL POINTS, ACUTE =</b>	<b>TOTAL POINTS, CHRONIC =</b>

**RECOMMENDED MONITORING FREQUENCIES**

ACUTE TOTAL	RECOMMENDED ACUTE MONITORING FREQUENCY	CHRONIC TOTAL	RECOMMENDED CHRONIC MONITORING FREQUENCY
0 - 14	No WET tests needed	0 - 19	No WET tests needed
15 - 24	2 tests in permit term	20 - 24	2 tests in permit term
25 - 34	3 tests during permit term (rotating quarters)	25 - 34	3 tests during permit term (rotating quarters)
35 - 44	1x yearly throughout term (rotating quarters)	35 - 44	1x yearly throughout term (rotating quarters)
45 - 64	2x yearly throughout term (rotating quarters)	45 - 64	2x yearly throughout term (rotating quarters)
65 - 84	Quarterly throughout term	65 - 84	Quarterly throughout term
≥ 85	Bimonthly throughout term	≥ 85	Bimonthly throughout term

**Exceptions/special cases.** Regardless of point totals, the following are true (see discussion of each in Chapter 1.3, pp. 8-9):

- 1) If a limit is given, at least quarterly monitoring is recommended.
- 2) If the facility is a major municipal or primary industrial, **at least** 1x annual acute and chronic (need for chronic is based on dilution) is recommended.
- 3) If secondary values are being considered and no WET data is available for the discharge, **at least** 2x annual acute and chronic (need for chronic is based on dilution) is recommended.
- 4) If WQBELs are given which have been based on a dissolved water quality criterion, **at least** 1x annually acute and chronic is recommended.
- 5) If the discharge is entirely noncontact cooling water, contact cooling water, boiler blowdown, and/or cooling tower blowdown and no NR105 or "Additional Compounds of Concern" were detected, Ch 1.7 should be used to determine WET recommendations.
- 6) If the discharge is ≥ 4 miles from a non-variance classified waterbody, chronic testing may not be recommended.