



Water / Wastewater Survey Questionnaire

Please fill out the form and use additional space to answer questions where required

Company Name: _____

Location: _____

Customer Contact: Name _____

Phone _____

Email _____

Duraflow Representative: _____ Date: _____

Project Background

1. Select one of the following industries that fits this Project:

Automotive _____	Metal Finishing _____	Printed Circuits _____
Chemical _____	Mining _____	Semiconductor _____
Electronic _____	Oil Refinery _____	Steel/Iron _____
Food/Beverage _____	Power _____	Others _____

2. Describe the overall objectives of the Project:

3. Production Operation: _____ Hrs/Day _____ Days/Week

Process Water

4. Describe the source(s) of water supply for plant production processes (e.g. city, or well water, etc.):

5. Describe the treatment process for the water supply prior to deliver to production, if applicable.

6. Describe the problems, if any, associated with the process water treatment system.

7. Process water flow to production processes: _____ GPM or _____ GPD

Wastewater

8. Describe the production processes that contribute to the contaminants in the wastewater.

9. Wastewater flow from production: _____ GPM or _____ GPD

10. List the major contaminants of concern and the expected concentrations.

Contaminant	PPM	Contaminant	PPM
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

11. List of major organics expected to be present in the wastewater (e.g. O&G, detergent, etc.):

12. List of major chelating and/or complexing agents present in the wastewater (e.g. EDTA, NH₄, etc):

13. Describe the treatment process for the wastewater including sludge management, if applicable.

14. Describe the problems, if any, associated with the wastewater treatment system.

15. Describe the receiving body for the treated effluent discharge (e.g. creek, POTW, etc.)

16. Targeted discharge limits or level of removal for the contaminants of concern:

Contaminant	PPM	Contaminant	PPM
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Recycle Water

17. Presently, is the wastewater being recycled? _____ Yes or _____ No

18. Feed flow to the water recycle system: _____ GPM or _____ GPD

Recycle water flow from the recycle system: _____ GPM or _____ GPD

19. Describe the water recycle process, if applicable.

20. Describe the problems, if any, associated with the water recycle system.

21. If wastewater recycle is considered as one of the objectives, provide analysis of the constituents listed below for the stream to be recycled:

pH _____	Temperature _____	Turbidity (NTU) _____
Alkalinity _____	Conductivity _____	TDS _____
TSS _____	COD _____	TOC _____
Free Cl ₂ _____	Hardness (T) _____	Boron _____

Cationic Species

K _____
Na _____
Ca _____
Mg _____
Ba _____
Sr _____
Fe _____
Mn _____
Al _____
NH ₄ _____

Anionic Species

CO ₂ _____
CO ₃ _____
HCO ₃ _____
NO ₃ _____
F _____
SO ₄ _____
PO ₄ _____
S _____
SiO ₂ (C) _____ (Colloidal)
SiO ₂ (S) _____ (Soluble)