

HydroSense Application Data Sheet (2 pages)

Please fill in as much information as possible. Some information is required to determine the suitability of the instrument. Other information will help us understand your application better. We may be able to provide some further installation and monitoring guidance.

1. **Agent/Representative** _____

2. Prepared by _____ date _____

3. End User Information

Name: _____

Address: _____

Site: _____

Contact _____

Tel: _____

4. **Application Description** (brief overview of process and reason for monitoring the water for hydrocarbons)

5. Water Source Description

sump pit process tank process pipe vessel ditch open channel

separator well offshore platform cooling water pipe

other _____

6. Water Type

storm water waste water treated water process water cooling water

condensate drinking water sewer ground water sea water

distilled water
 other _____

7. **Compound to be monitored** (describe the contaminant, chemical name, structure, source etc.)

minimum ppm to be measured_____, maximum ppm to be measured_____

8. Are there other contaminants or products in the water ? _____

Describe_____

Do they vary in their concentrations ? _____

9. Is there any colour in the water? _____ Describe_____

10. Are there any suspended solids (turbidity) in the water ? _____

What range?_____

Describe_____

Process Information

11. Is there a continuous sample flow available to the HydroSense? _____

12. What is the flow range ? _____

13. What is the pressure in the process ? _____

14. What is the pressure in the stream line to the HydroSense? _____

15. Can the sample stream outfall from the HydroSense go to an open drain or containment? _____

16. Is the sample stream pumped from the process source to the HydroSense? _____

If yes, what type of pump ? _____

17. What is the process stream temperature range _____

18. What is the HydroSense enclosure location temperature range _____

19. Area Classification of HydroSense installation:

General Purpose	Type 12____
	Type 4____
Hazardous	Zone 0____
	Zone 1____
	Zone 2____

20. What is the input power available? __24 vdc __110 vac __220 vac

21. Are the relays being used?

Describe_____

22. Is the 4-20 mA output being used?

Describe_____

21. Do you presently have grab samples tested? __laboratory on site __send to outside lab. What technique and compounds are measured ?

23. Does the process ppm concentration vary on a regular basis ? _____

24. Do you have the ability to force a change or make up a ppm in water sample for calibration purposes ? _____

25. Is the monitoring intent to determine an upset condition or to record and evaluate actual ppm levels?

Describe_____