

## Performance Measurement

*Taking the time to plan for improvement starts with knowing where you are. Without knowing your starting point you will never know if you have improved. To properly measure performance, you have to measure the right thing.*

For instance, if you were measuring the fuel efficiency of your equipment you would not monitor the cost per hour or kilometre/mile, you would measure the volume of fuel used per hour or kilometre/mile operated.

Environmental performance measurements should be developed from an assessment of your interactions with the environment. First know your environmental aspects and impacts. Then develop your environmental performance measures based on your potential impacts. Developing environmental performance measures allows you to accurately decide where to make changes to better support the environment.



A.C. Tanks



Dust Monitoring



Water Monitoring

*There are lots of ways to measure environmental performance.*

**Environmental performance can be assessed through direct measurement of inputs and outputs:**

- Dust, vibration, and noise level monitoring
- Groundwater & surface water sampling
- Stack emission testing
- Volume of hazardous and non-hazardous waste produced
- Volume of materials recycled
- Pump and flow measurements

**Or by calculations and modeling based on inputs, outputs, and processes:**

- Direct greenhouse gas emissions
- Groundwater movement and impacts
- Movement of air emissions from processes

**Or by direct observations through inspections of:**

- Tanks, pumps, and pipes
- Housekeeping
- Odour, dust, and noise emissions
- Combustion equipment
- Equipment that is vital to preventing pollution

**Strive FOR Wise**

**THE ONLY WAY TO MAKE SURE YOU ARE IMPROVING IS TO MEASURE YOUR PERFORMANCE.**

ENVIRONMENTAL PERFORMANCE IS AN INTEGRAL PART OF YOUR OPERATION'S OVERALL HEALTH. A GOOD PERFORMER THRIVES IN ALL ASPECTS OF THEIR BUSINESS: FINANCIAL, ENVIRONMENTAL, HEALTH AND SAFETY, AND PRODUCT/SERVICE QUALITY.

# Performance Measurement

Company \_\_\_\_\_ Date \_\_\_\_\_ Delivered by \_\_\_\_\_

Other topics discussed \_\_\_\_\_

Name	Signature	Date	Name	Signature	Date

## QUESTIONS/DISCUSSIONS

RECORD RESPONSES SPECIFIC TO YOUR SITE

1. What environmental performance measures does your facility have in place? \_\_\_\_\_  
\_\_\_\_\_
2. What inspections are conducted at your facility to monitor environmental performance? \_\_\_\_\_  
\_\_\_\_\_
3. What other things would you suggest be monitored at your site? \_\_\_\_\_  
\_\_\_\_\_

## Our EARTH 1st Champions for June are Norjohn Transfer

Norjohn Transfer, located in Burlington, Ontario, has been busy reducing impacts through their waste diversion efforts onsite. The site began their waste diversion program in 2012 and have diverted over 10,000 tonnes of material from landfill! Some of the materials diverted include metal, old corrugated cardboard, e-waste, tires, brush, and wood. This year, the site has also added shingles to the list in collaboration with the Resource Recovery Area at the Niagara campus.

Since inception, diversion has escalated from 2.2% to almost 5% of waste tonnage received, that would otherwise be destined to landfill.

Great job, Norjohn Transfer!



We are the environment!  
commit ■ create ■ participate