

Maple Leaf Foods is Canada's leading consumer packaged meats company, headquartered in Mississauga, Ontario. We make high-quality, great tasting, nutritious and innovative food products under leading brands:



Maple Leaf[®]

Maple Leaf Prime[®]

Maple Leaf *Natural Selections*[®]

Schneiders[®]

Schneiders *Country Naturals*[®]

Mina[™]

Our Company employs approximately 12,000 people in its operations across Canada and exports to more than 20 global markets including the U.S. and Asia.



We are committed to environmental responsibility and continuous reduction of our consumption of non-renewable resources and waste generation. We do this by seeking ways to reduce our impact on the environment and maintain strong environmental compliance.

Maple Leaf Foods



- Our Brantford plant employs 150 people and processes over 12 million Kg of chicken / year
- On average we use **10000** M3 of water / month
- Water is mainly used in
 - » Processing
 - » Sanitation
 - » Boiler
 - » Cooling

During the journey of reducing environmental impact, we also realized that it:



- Fits right in our sustainability program
- Reduces waste generation
- Lowers chemicals usage and chemical cost
- Reduces energy use for water treatment plant
- Improves profitability
- Complies with City Bylaw



We believe, waste water treatment should not just start at the treatment plant, but at the place where it is produced.

Our Approach to Waste Reduction



- Provided education on water use and waste load
- Surveyed the plant for problem areas
- Evaluated plant processes to reduce loading at WWTP
- Promoted the use of dry cleanup;
- Enhanced waste pretreatment.

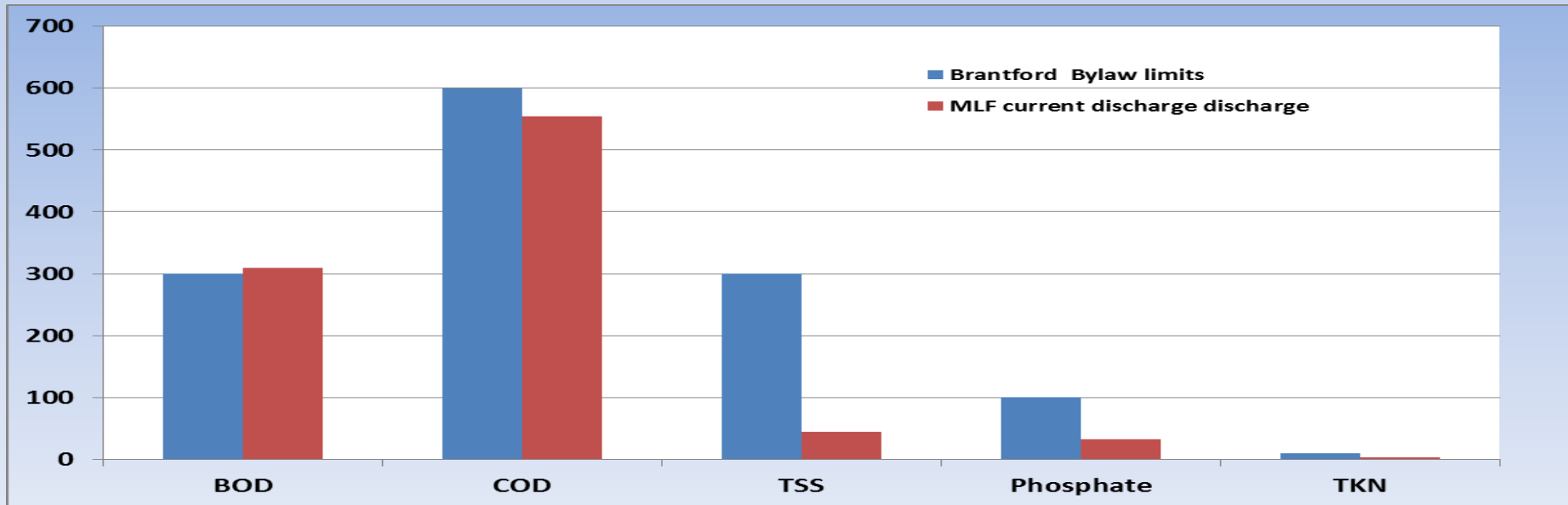


Over-strength cost

- In 2008 Maple Leaf paid \$130,321 in Over-strength fees.
- Applying the 2015 formula to 2008's test results and volumes the Over-strength fee would be \$241,590.
- Applying a true cost recovery formula would see an Over-strength fee of almost \$1,000,000.

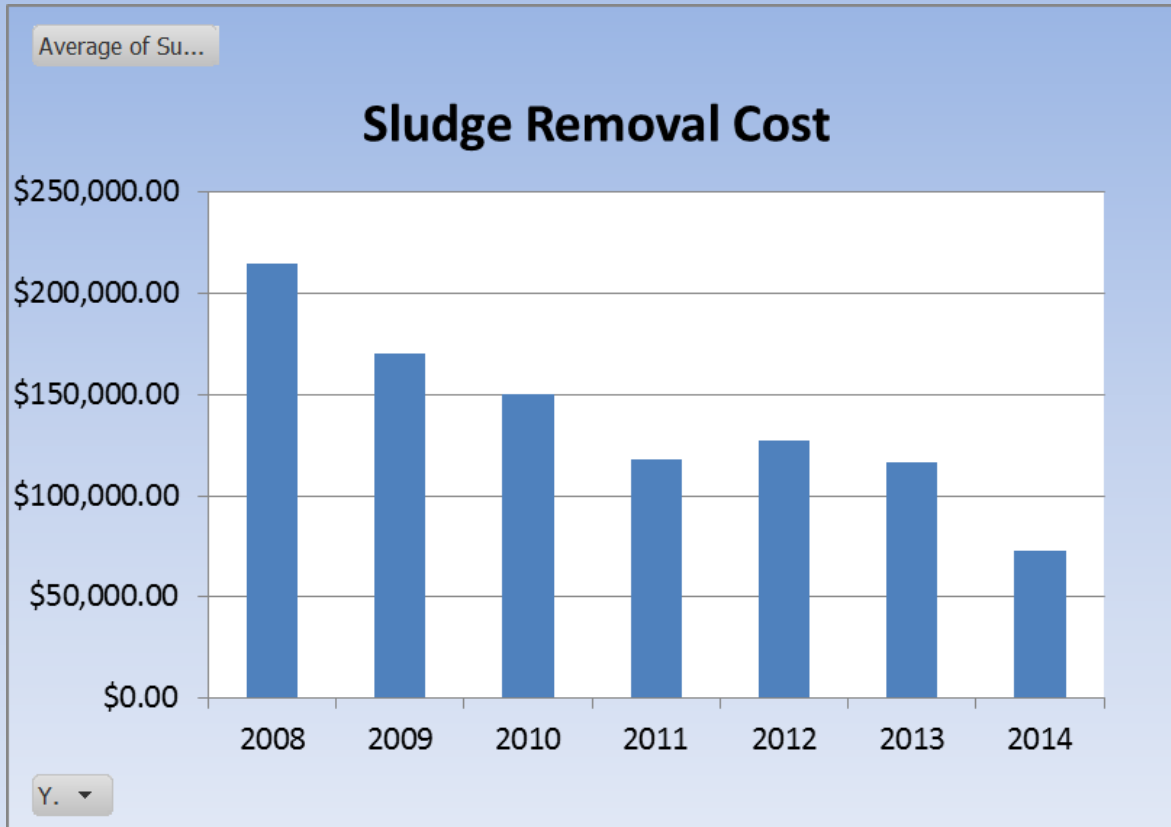
Our Latest Results

Waste water parameters	Typical poultry processing plant discharge	Brantford City Bylaw limits of water discharge	Our last 30 days average water discharge
BOD	2200 - 2500	300	310
COD	3600 - 5000	600	555
TSS	1200 - 2200	300	44
Phosphate	20 - 40	100	32
TKN	80 - 150	10	2.5



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Brantford Plant



Average of Sum of Cost

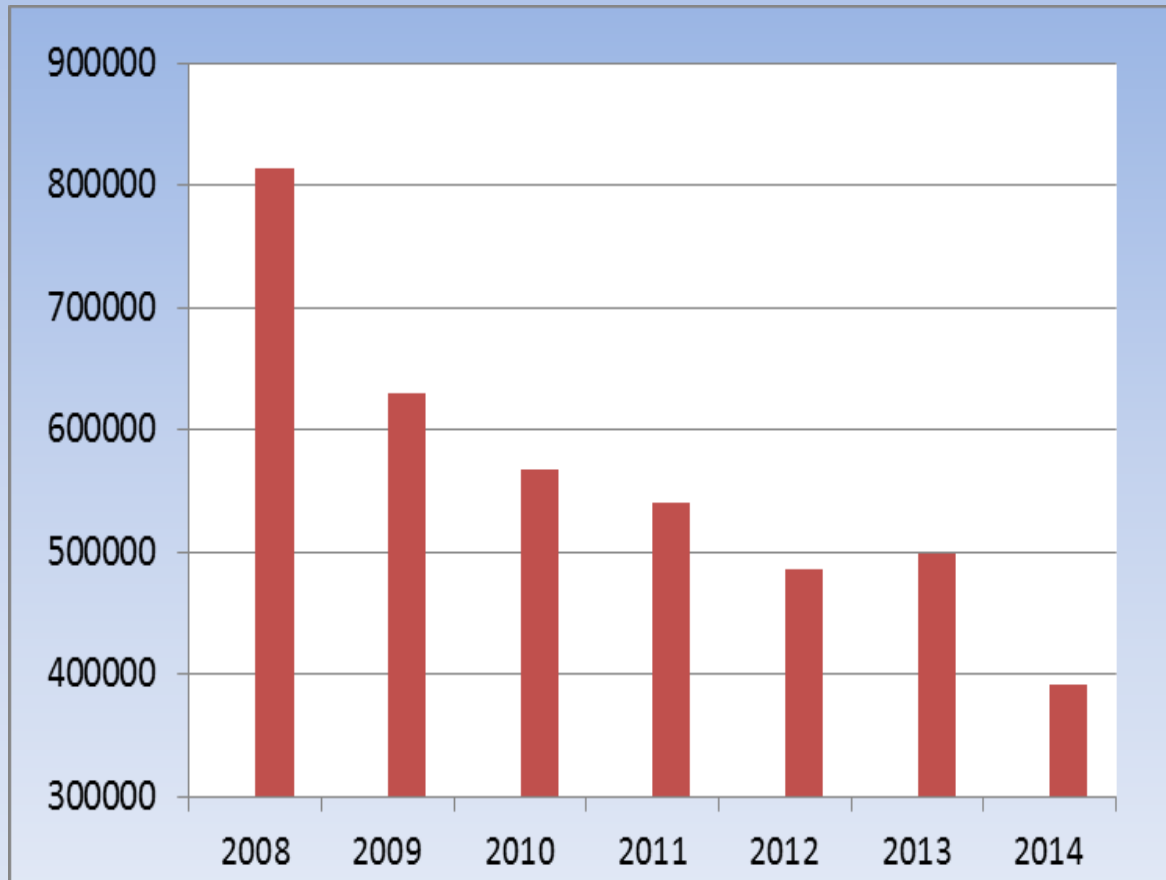
Year	Total
2008	\$214,958.70
2009	\$170,419.12
2010	\$150,518.00
2011	\$118,236.20
2012	\$127,175.00
2013	\$116,383.00
2014	\$72,614.30

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Brantford Plant



Yearly Spent on WWTP



Actual spend / Year

Year	Actual Spent
2008	\$814,744
2009	\$630,605
2010	\$567,778
2011	\$539,502
2012	\$485,780
2013	\$499,245
2014	\$390,648

Pragnesh Shah
Chief Engineer