



# *Impact of the Real Estate Evaluation Program on Water Quality*

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Environmental Health On-Site Team Supervisor  
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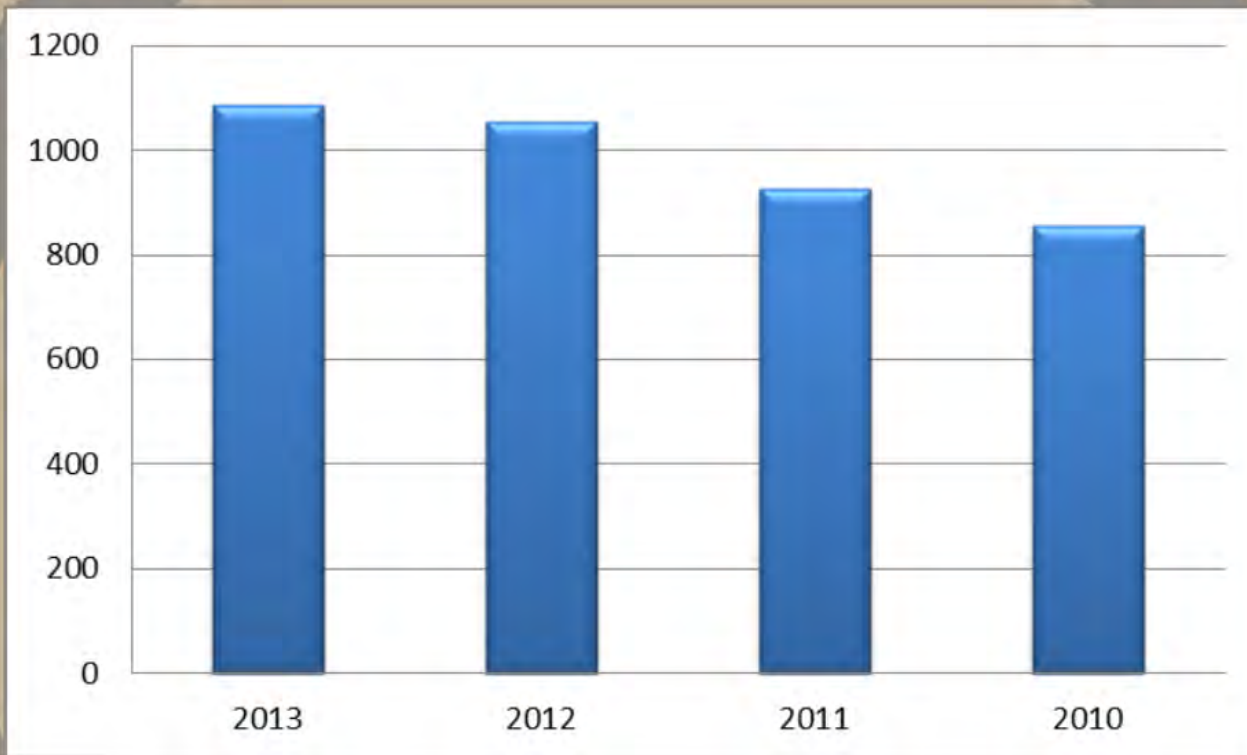
miOttawa Department of  
**Public Health**

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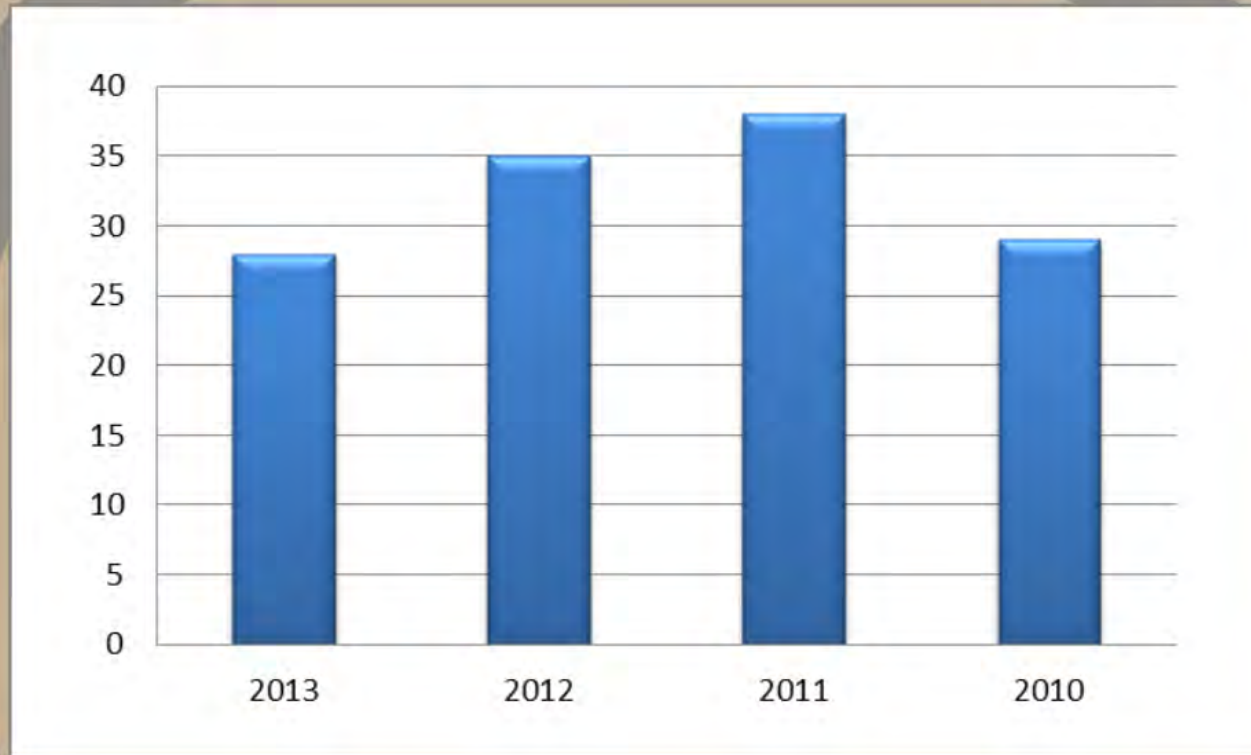
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**Total Number of Real Estate  
Evaluations Conducted**



**Sewage Discharge & System  
Installed in Water Table**



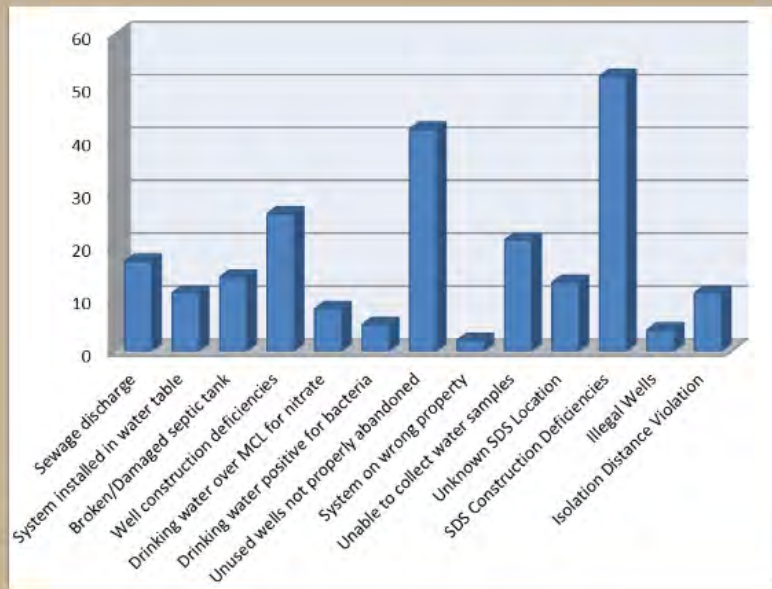
# Real Estate Evaluation Statistics FY 2013

<b>Total Number of Real Estate Evaluations Conducted</b>	<b>1085</b>
Total Number of Correction Orders Issued from Evaluations	205
Sewage discharge	17
System installed in water table	11
Broken/Damaged septic tank	14
Well construction deficiencies	26
Drinking water over MCL for nitrate	8
Drinking water positive for bacteria	5
Unused wells not properly abandoned	42
System on wrong property	2
Unable to collect water samples	21
Unknown SDS Location	13
SDS Construction Deficiencies	52
Illegal Wells	4
Isolation Distance Violation	11



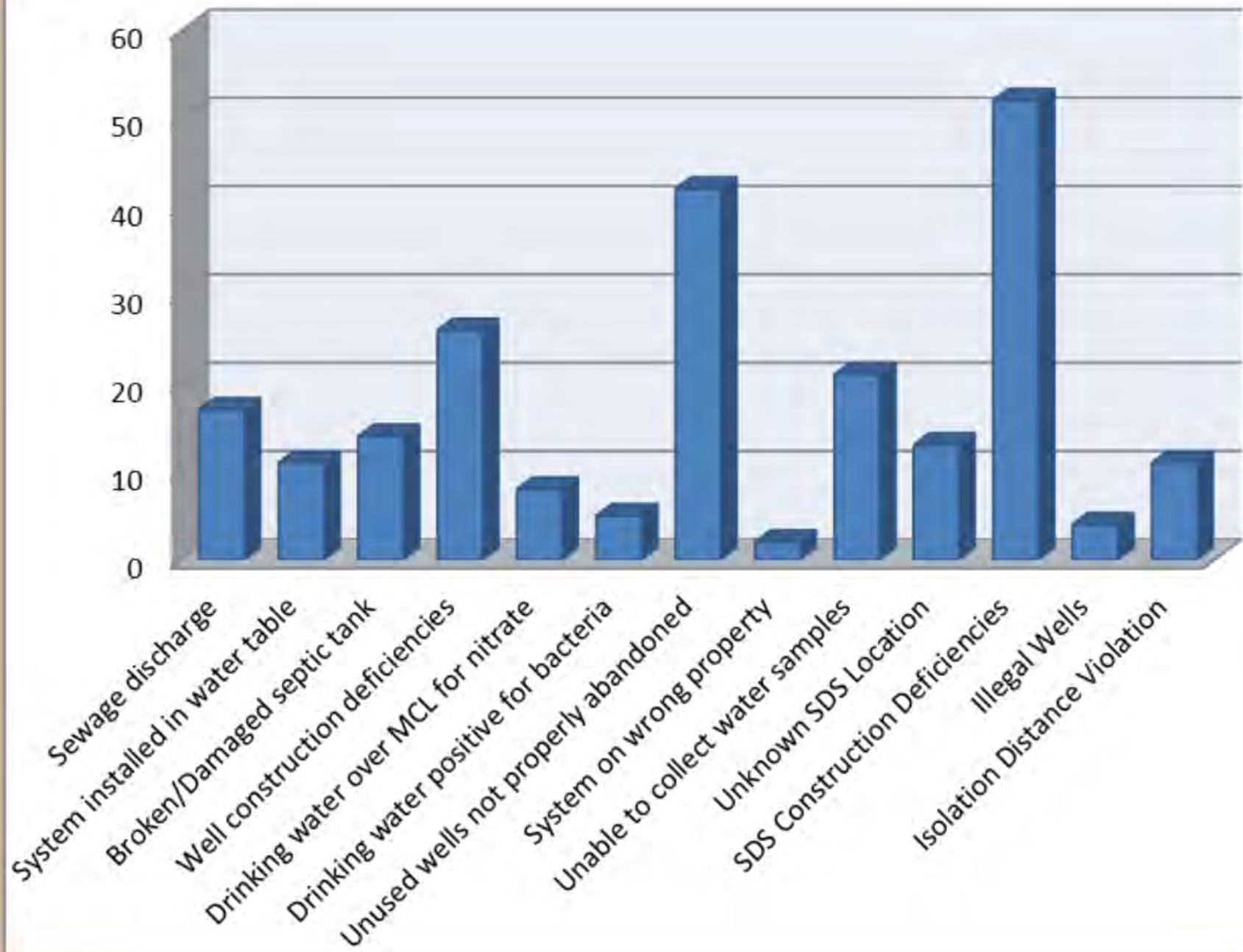
Real Estate  
Conducted

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**Identified Public Health Hazards:  
Correction Orders Issued at  
Real Estate Evaluations FY2013**





28 homes with illicit discharge

If 4 people live in each house then this is a total of 112 people

$$(4 \times 28 = 112)$$

If each person generates 50 gal per day then this is 5600 gal of untreated sewage discharging per day

$$(112 \times 50 = 5600)$$

If left uncorrected that is 2,044,000 gal per year of untreated sewage

$$(5600 \times 365 = 2,044,000)$$

**What does this mean?**



Enough  
that  
sw

**Enough sewage to fill more  
than 3 Olympic sized  
swimming pools!**

















Septic tank

16' between buried well  
and septic tank











































