Snow Pollution

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Background Information

Snow pollution could possibly-and may be a problem. Gasoline, grime, or garbage often gets dropped and buried in snow, which melts and goes into the Earth.

Variables

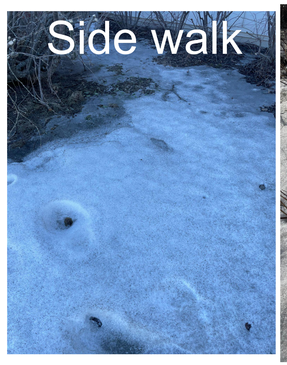
Independent - Where the snow came from
Dependent - The pH., alkalinity, and chloride levels
Controls - the amount of snow, how it was stored

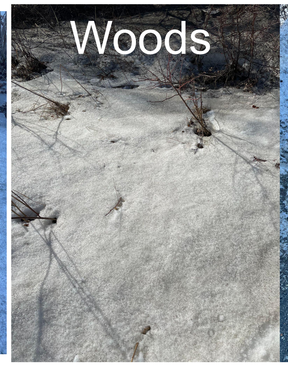
Procedure

We went out and found three different patches of snow, using a shovel and metal pipe we scooped the snow into bags. Then we tested their pH, alk., chlor., and iron levels.

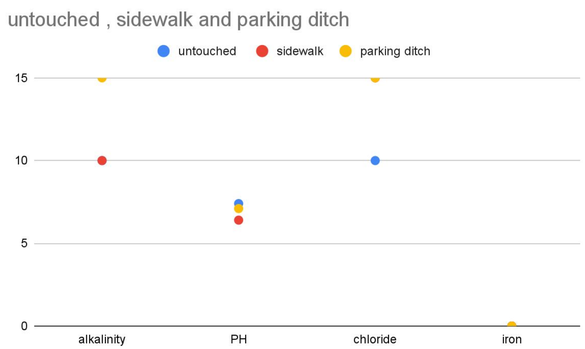
Results

Observations:
Sidewalk: looked tampered had dirt on top
Woods: Looked naturally dirty and mostly unpolluted
Parking Lot: Covered in dirt, rocks, and garbage





Graph



Data table

	untouched	sidewalk	parking ditch
alkalinity	10	10	15
PH	7.4	6.4	7.1
chloride	10	15	15
iron	0	0	0

Data Summary

The one with the worst levels was the parking lot. The sidewalk was a little cleaner. And- of course- the best was the woods.

Conclusion

The parking lot had the worst levels and was the most unsanitary. This was most likely because cars and people travel across here most which spreads mud and grime.

Errors & Improvements

- Errors: Very few samples
- Modifications: Wider sample range
- Future investigations: More samples taken at different times