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| Science 9 | Unit C |
| Section 3.1 |  |

Transport of Materials Through Air, Soil, and Water

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| TRANSPORT IN AIRThree stages of transport:1. Release2. Dispersion 3. Deposition Transport in WaterSubstances that are dissolvable in water can travel long distancesGROUNDWATERGround Water – Soil that is completely full of waterWater Table – top of the ground water zonePermeable – soil that water can easily enterPores – the spaces between soil particlesLeachate – the liquid that passes through soilSurface WaterLakes, Rivers and Oceans* can cover great distances

Transport in SoilDepending on the permeability of the soil, water that lands on soil can do any of the following:* Evaporate
* soak into the soil and is taken up by plants
* run onto the street or into a stream
* soak through the soil and moves downward.

Transport of Hydrocarbons* Water dissolvable
* Non-dissolvable
 | ~~Macintosh HD:Users:n3x3n:Desktop:Screen shot 2015-05-10 at 8.08.06 PM.png~~~~Macintosh HD:Users:n3x3n:Desktop:Screen shot 2015-05-10 at 8.09.24 PM.png~~DRAWDepending on the type of soil and what is found in the soilOil-based substancesCan travel LONG distances in the waterCoat the soil particles and is VERY hard to clean |

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