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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 AIR  Three stages of transport:  1. Release  2. Dispersion  3. Deposition  Transport in Water  Substances that are dissolvable in water can travel long distances  GROUNDWATER  Ground Water – Soil that is completely full of water  Water Table – top of the ground water zone  Permeable – soil that water can easily enter  Pores – the spaces between soil particles  Leachate – the liquid that passes through soil  Surface Water  Lakes, Rivers and Oceans   * can cover great distances   Transport in Soil  Depending 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~~  DRAW  Depending on the type of soil and what is found in the soil  Oil-based substances  Can travel LONG distances in the water  Coat the soil particles and is VERY hard to clean |

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