

Environmental Aspect-Impact Inventory and Significance Ranking  
EIP-2-Form 2b

Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09								
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.		Environmental Impacts. Check all that apply.		A. Degree of Impact on human health or the environment, and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*
Activity # 1-1 Salt, Salt Brine, Liquid Calcium, Storage And Handling	Delivery, indoor stockpile, outdoor stockpile, transferring, loading, Liquid Calcium storage, transferring, Flake calcium storage and transferring, Liquid salt brine storage and transferring.	x Emissions/Dust Discharges/Releases	x Spills/Leaks	x Air	x Water							
		x Generate Haz Waste	x Generate Solid Waste	x Land	x Noise							
		x Energy Use	x Nat. Resource Use	x People (breathing dust)								
		Notable Aspects Emissions from loader and delivery trucks, possible leaks from delivery trucks, overloading and spillage, outside storage runoff impact, tank and transfer equipment failure.		Notable Impacts Spills could result in ground water and land impacts. Delivery trucks emissions. Salt dust.		3	4	2	9	4	36	3t
Activity # 1-2 Sand Storage and Handling	Receiving deliveries, mixing with salt, leaching salt mix, spillage during loading, yard cleanup unsuitable for sanding reuse	x Emissions/Dust Discharges/Releases	x Spills/Leaks	x Air	x Water							
		x Generate Haz Waste	x Generate Solid Waste - poly and tarps	x Land	x Noise (back-up alarms)							
		x Energy Use	x Nat. Resource Use	x People (breathing dust, yard lights)								
		Notable Aspects Cleanup of spillage, covering outside pile with ploy		Notable Impacts Yard spillage carried away by storm water as sediment. Spoiled poly as solid waste.		2	2	1	5	4	20	25t

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Activity # 1-3 Asphalt storage and handling	Inside and outside storage and handling of asphalt concrete hot top and cold patch	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use <input checked="" type="checkbox"/> Reusable products	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People (dust)							
		Notable Aspects Crushing	Notable Impacts Groundwater and surface water from oils in cold patch if stored outside	2	2	1	5	4	20	25t
Activity # 1-4 Steel storage and handling	Storing new steel, storing scrap/used steel, disposing of scrap/used steel (i.e., delineator post, culverts, sign posts, plow blades, guardrail parts, etc.)	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People <input checked="" type="checkbox"/> None							
		Notable Aspects Generates scrap/used steel - recycled, used steel may be covered with paint, galvanized steel. Assumes no car parts (mechanical services).	Notable Impacts Recycled used/scrap metal may be stored on ground or open top roll-off containers	1	1	1	3	4	12	41t

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Activity # 1-6 Liquid materials storage and handling	Liquid Materials Storage / Handling (paint and others)	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste - paint thinner, mineral spirits <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use - minor <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise  <input checked="" type="checkbox"/> People								
		Notable Aspects Some hazardous waste generated (<SQG limit), emissions, spills, solid waste, roadside debris pick-up, NHDES pick-up some.	Notable Impacts Handling generates more potential for impact than using proper storage techniques.	3	4	1	8	4	32	6t	
Activity # 1-7 Other materials storage and handling	Scrap tires, firewood, E-waste, roadside debris/waste.	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People								
		Notable Aspects	Notable Impacts	2	4	1	7	3	21	23t	

New Hampshire Department of Transportation  
Bureau Of Highway Maintenance

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Activity # 1-8 Steel Fabrication and welding	Fabrication / Welding	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People	2	2	1	5	4	20	25t	
		Notable Aspects Generation of solid waste and recyclable material, emissions of dust.	Notable Impacts Employee exposure to dust emissions.								
Activity # 1-9 Painting and striping	Chipping, grinding, paint chip cleanup, painting, brush cleanup, minor spray paint	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste - thinner <input checked="" type="checkbox"/> Generate Solid Waste - used brushes, buckets, chips <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People - vapors, human health concerns	2	2	1	5	4	20	25t	
		Notable Aspects Generation of dust and chips.	Notable Impacts								

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Activity # 1-10 Shipping and Receiving	Shipping and receiving of supplies	x Emissions/Dust Discharges/Releases	x Air	x Water								
		x Spills/Leaks	x Land	x Noise - minor issue								
		x Generate Haz Waste										
		x Generate Solid Waste										
		x Energy Use										
		x Nat. Resource Use										
		Notable Aspects Handling of material may result in spills or damage to materials. Consumables and construction material inventory.		Notable Impacts Occasional spills - land and water impacts		1	1	1	3	3	9	43t
Activity #2-1 Vehicle and Equipment maintenance and repairs	Change engine oil Lubrication Minor repairs Welding & cutting Compressor oil changes	x Emissions/Dust Discharges/Releases	x Air	x Water								
		x Spills/Leaks	x Land	x Noise								
		x Generate Haz Waste - recycled/used oil										
		x Generate Solid Waste - paint chips	x People - workers									
		x Energy Use										
		x Nat. Resource Use										
		Notable Aspects Spills, oily rags, used oil Drips, greasy rags, empty cartridges Electricity usage Generate scrap steel, produce fumes Store and transfer used oil		Notable Impacts Oil stained floors and/or holding tanks Oil spills when handling/transferring used oil Recycle used oil Disposal of oily rags and scrap steel Employee subject to inhalation of fumes when cutting		2	4	2	8	4	32	6t

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Activity # 2-2 Vehicle Washing	Use of cleaning soaps, use of water (well, surface? and municipal), run off from outdoor washing, disposal of wash water from indoor washing, cleaning and disposal of floor drain materials (Holding tanks & Blind sumps)	x	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste Generate Solid Waste Energy Use x Nat. Resource Use	x	Air Water Land Noise People							
			Notable Aspects Outdoor washing results in runoff, occasional indoor washing may produce wastes and potential holding tank and blind sump water contamination of full surface		Notable Impacts Potential contamination of land and groundwater. (Vehicle washing guideline exists)	2	2	1	5	3	15	39
Activity # 2-3 Vehicle Painting	Vehicle and equipment painting, brushes, rollers, trays, disposable gloves, mineral spirits, thinner	x	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste - mineral spirits, thinner Generate Solid Waste Energy Use x Nat. Resource Use	x	Air Water Land Noise People							
			Notable Aspects emissions, ventilation, incidental spills, disposal of hazwaste		Notable Impacts emissions, worker exposure, potential water and land impacts - solvents	2	2	1	5	4	20	25t

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Activity # 2-4 Equipment fabrication, painting, and repairs	Equipment Fabrication / Painting / Repairs	x	Emissions/Dust	x	Air							
		x	Discharges/Releases	x	Water							
		x	Spills/Leaks	x	Land							
		x	Generate Haz Waste	x	Noise							
		x	Generate Solid Waste	x	People							
		x	Energy Use									
		x	Nat. Resource Use									
		Notable Aspects Potential for generation of hazardous waste.		Notable Impacts Disposal of waste. Employee exposure.		2	4	2	8	4	32	6t
Activity # 2- 6 Equipment disposal and salvage	Inventory products, determine surplus items, consolidate loads when possible, deliver to state surplus, inside and outside storage prior to disposal (plows, plow frames, small equipment, small engines)		Emissions/Dust		Air							
		x	Discharges/Releases	x	Water							
		x	Spills/Leaks	x	Land							
			Generate Haz Waste		Noise							
		x	Generate Solid Waste		People							
			Energy Use									
			Nat. Resource Use									
		Notable Aspects		Notable Impacts		1	2	1	4	4	16	34t

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Activity # 2-8. Chemical storage and disposal	Storage and disposal - oils, anti freeze, grease, washer fluid, hydraulic fluid, bar & chain oil	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste Generate Solid Waste Energy Use Nat. Resource Use	Air x Water x Land Noise People	3	4	2	9	4	36	3t
		Notable Aspects storage of liquids, disposal of solid waste	Notable Impacts Improper storage could result in spills resulting in soil and water contamination							
Activity # 2-9. Other materials storage and disposal	Other Materials Storage/Disposal - car soap, speed dry	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste Generate Solid Waste -packaging Energy Use Nat. Resource Use	Air x Water x Land Noise People	1	1	2	4	4	16	34t
		Notable Aspects small quantities, rare spills	Notable Impacts minor, small quantities							

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Activity # 2-10, Parked Vehicles (DOT, employees, rented, visitors)	Fluid leaks, engine idling, block heaters	<ul style="list-style-type: none"> <li>x Emissions/Dust Discharges/Releases</li> <li>x Spills/Leaks</li> <li>x Generate Haz Waste</li> <li>x Generate Solid Waste</li> <li>x Energy Use</li> <li>x Nat. Resource Use</li> </ul>	<ul style="list-style-type: none"> <li>x Air</li> <li>x Water</li> <li>x Land</li> <li>x Noise</li> <li>x People</li> </ul>							
		<p>Notable Aspects</p> <p>Vehicles leaking fluids onto pavement or soil Fumes from idling of unattended vehicles Electricity usage</p>	<p>Notable Impacts</p> <p>Soil staining and groundwater contamination CO2 emissions into air Engine noise Unnecessary power usage when block heaters not</p>	2	4	2	8	3	24	19t
Activity # 3.1 New Construction	Excavation, Construction	<ul style="list-style-type: none"> <li>x Emissions/Dust Discharges/Releases</li> <li>x Spills/Leaks</li> <li>x Generate Haz Waste</li> <li>x Generate Solid Waste</li> <li>x Energy Use</li> <li>x Nat. Resource Use</li> </ul>	<ul style="list-style-type: none"> <li>x Air</li> <li>x Water</li> <li>x Land</li> <li>x Noise</li> <li>x People</li> </ul>							
		<p>Notable Aspects</p> <p>Site excavation, site preparation, building, site storage, temporary power supply, material choices.</p>	<p>Notable Impacts</p> <p>Silt runoff, dust, spills, material disposal, use of natural products.</p>	3	4	2	9	3	27	15t

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Activity # 3-2, Renovation	Renovation	<ul style="list-style-type: none"> <li>x Emissions/Dust Discharges/Releases</li> <li>x Spills/Leaks</li> <li>x Generate Haz Waste - paint, asbestos, ballasts</li> <li>x Generate Solid Waste</li> <li>x Energy Use</li> <li>x Nat. Resource Use</li> </ul>	<ul style="list-style-type: none"> <li>x Air</li> <li>x Water</li> <li>x Land</li> <li>x Noise</li> <li>x People</li> </ul>								
		Notable Aspects All waste to be properly disposed of. Energy efficient replacement as appropriate.	Notable Impacts Disposal of demolition waste. Employee exposure.	4	4	2	10	4	40	1t	
Activity # 3-3A, Building maintenance - painting	Clean paint surface, paint, cleanup	<ul style="list-style-type: none"> <li>x Emissions/Dust Discharges/Releases</li> <li>x Spills/Leaks</li> <li>x Generate Haz Waste</li> <li>x Generate Solid Waste</li> <li>x Energy Use</li> <li>x Nat. Resource Use</li> </ul>	<ul style="list-style-type: none"> <li>x Air</li> <li>x Water</li> <li>x Land</li> <li>Noise</li> <li>x People -vapors, dust</li> </ul>								
		Notable Aspects Dust and chips from surface preparation, accidental spillage of cleaning product	Notable Impacts	3	2	2	7	4	28	12t	

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Activity # 3-3 B, Building Maintenance Floors	Washing, stripping, waxing	x Emissions/Dust Discharges/Releases	x Air	x Spills/Leaks	x Water							
		x Generate Haz Waste - paint, asbestos, ballasts	x Land	x Generate Solid Waste - rags, pads, containers	x Noise							
		x Energy Use	x People - dust, vapors	x Nat. Resource Use								
		Notable Aspects Disposal of wax stripper		Notable Impacts		1	1	1	3	3	9	43t
Activity # 3-3C, Building Maintenance - Mechanical	Water filters, toilet flush (Sloan), valves, minor carpentry, HVAC filters	x Emissions/Dust Discharges/Releases	x Air	x Spills/Leaks	x Water							
		x Generate Haz Waste	x Land - solid waste, spills	x Generate Solid Waste - minor amounts	x Noise							
		x Energy Use	x People - dust	x Nat. Resource Use								
		Notable Aspects		Notable Impacts		1	1	1	3	3	9	43t

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Activity # 3-4, HVAC and utilities	HVAC, utilities, propane, wood, used oil, electricity, #2 fuel	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People							
		Notable Aspects Burn waste oil, woodstoves, renewable and recycling components	Notable Impacts Emissions, energy use, CO2	2	4	3	9	3	27	15t
Activity # 3-5, Compressed air handling	Air tool use, tool cleaning, tank draining	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People							
		Notable Aspects Generate dust, use electricity to power compressor	Notable Impacts Dust emissions into air, employees subject to dust inhalation and noise	3	1	3	7	4	28	12t

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Activity # 3.8 Auxiliary Generators / Batteries / Back up power.	Provide backup power to DOT facilities.	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People								
		Notable Aspects Fixed and portable generators, emergency lights, batteries for equipment, recycle used batteries	Notable Impacts Equipment exhaust, spills from fueling, disposal and recycling of batteries, loud equipment, electricity use.	2	1	1	4	2	8	46	
Activity # 3-10, Water supply, source, treatment, and distribution	Water supply-source, treatment, distribution, wells, bottled water supplies (no public water supplies)	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases - water softeners  <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water  <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People								
		Notable Aspects Does not include rest areas.	Notable Impacts	2	2	3	7	4	28	12t	

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Activity # 3-11, Wastewater handling, treatment, and disposal	Wastewater handling, treatment, and disposal, sinks, toilets, holding tanks	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People	3	4	3	10	4	40	1t	
		Notable Aspects All waste to be properly disposed of, including testing as required. Onsite septic, holding tanks	Notable Impacts								
Activity # 3-12, Hazardous and special waste handling, storage, treatment, and disposal	Old paint, paint thinner, florescent light tubes, oil/water sludge (small containers)	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use <input checked="" type="checkbox"/> Universal Waste - ballasts, batteries, CRTs, florescent tubes	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> People - emissions, dust	3	4	2	9	4	36	3t	
		Notable Aspects Generate of solid and hazardous waste	Notable Impacts Disposal of solid, universal, and hazardous waste (frequent, low volume)								

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Activity # 3-13, Solid waste handling, storage, processing, and disposal	Handling, storage, processing, and disposal. Roadside debris, office, and shed	Emissions/Dust Discharges/Releases x Spills/Leaks - refrigerators, air conditioners Generate Haz Waste x Generate Solid Waste Energy Use Nat. Resource Use	Air x Water x Land  Noise People								
		Notable Aspects Roadside debris	Notable Impacts refrigerators, air conditioners, landfill	2	4	2	8	2	16	34t	
Activity #3-17 Fire Safety Systems	Smoke Detectors Sprinkler Systems Fire Extinguishers Heat Sensors System Monitoring Alarms	x Emissions/Dust - ABC extinguishers Discharges/Releases Spills/Leaks Generate Haz Waste x Generate Solid Waste x Energy Use Nat. Resource Use	x Air Water x Land Noise People								
		Notable Aspects Use of electricity Used/out of service fire extinguishers Discharge of retardant when activated	Notable Impacts Disposal of used fire extinguishers	2	2	2	6	3	18	32t	

Environmental Aspect-Impact Inventory and Significance Ranking  
EIP-2-Form 2b

Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09							
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.	Environmental Impacts. Check all that apply.	A. Degree of Impact on human health or the environment. and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*	
Activity # 3-18 Medical First Aid / First Aid Stations	Storage and disposal of biohazard. Sharps disposal	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste x Generate Solid Waste - special waste  Energy Use Nat. Resource Use  Notable Aspects In the event of an injury at the facility or self injection generating biohazards.	Air Water x Land Noise x People								
			Notable Impacts Storage and disposal of medical waste material. Needs to be disposed of by a certified company. Disposal of outdated first aid material.	3	4	2	9	3	27	15t	
Activity # 3-19, Break rooms	Food storage, cleanliness, pest control, trash, television, furniture	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste x Generate Solid Waste x Energy Use Nat. Resource Use  Notable Aspects	Air Water x Land - solid waste disposal Noise People								
			Notable Impacts	2	1	1	4	4	16	34t	

**Environmental Aspect-Impact Inventory and Significance Ranking**  
**EIP-2-Form 2b**

Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09							
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.	Environmental Impacts. Check all that apply.	A. Degree of Impact on human health or the environment. and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*	
Activity # 3-20, Housekeeping, cleaning	Wash floors, windows	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks -cleaning supplies <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input checked="" type="checkbox"/> Energy Use - vacuums <input type="checkbox"/> Nat. Resource Use	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land <input type="checkbox"/> Noise <input checked="" type="checkbox"/> People	2	2	2	6	4	24	19t	
		Notable Aspects Purchase of green products when possible. Proper disposal of all waste.	Notable Impacts Disposal of products harm the environment. Employee exposure.								
Activity # 4-1, Road/parking lot maintenance	Crack sealing, driveway sealant, sweeping, paving, striping, plowing, snow and ice control, catch basin cleaning.	<input checked="" type="checkbox"/> Emissions/Dust <input checked="" type="checkbox"/> Discharges/Releases <input checked="" type="checkbox"/> Spills/Leaks <input checked="" type="checkbox"/> Generate Haz Waste <input checked="" type="checkbox"/> Generate Solid Waste <input type="checkbox"/> Energy Use <input checked="" type="checkbox"/> Nat. Resource Use	<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Land - solid waste <input type="checkbox"/> Noise <input checked="" type="checkbox"/> People - vapors, dust, spills or leaks, affect human health	2	2	2	6	4	24	19t	
		Notable Aspects	Notable Impacts Infrequent								

**Environmental Aspect-Impact Inventory and Significance Ranking**  
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Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09						
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.	Environmental Impacts. Check all that apply.	A. Degree of Impact on human health or the environment. and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*
Activity # 4-3 Storm water management	Surface and subsurface drainage systems	x Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste Generate Solid Waste Energy Use Nat. Resource Use	x Air x Water x Land Noise People							
		Notable Aspects	Notable Impacts							
Activity # 4.4 Landscaping and ground maintenance	Mowing lawns, spreading mulch, trimming trees/shrubs, cutting and chipping wood, plowing /treating	x Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste Generate Solid Waste Energy Use Nat. Resource Use	x Air Water Land x Noise x People	2	4	1	7	3	21	23t
		Notable Aspects Exhaust from equipment, dust	Notable Impacts Equipment emissions release into the air, loud equipment, fuel usage, possible injury to personnel	2	1	1	4	4	16	34t

**Environmental Aspect-Impact Inventory and Significance Ranking**  
**EIP-2-Form 2b**

Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09								
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.		Environmental Impacts. Check all that apply.		A. Degree of Impact on human health or the environment, and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*
Activity #4-5 Pesticide Application & Management	Storage  Mixing Application Clean Up Purchasing (very limited by administration, want to apply more)	x Emissions/Dust	x Air									
		Discharges/Releases	x Water									
		x Spills/Leaks Generate Haz Waste x Generate Solid Waste - minor Energy Use	x Land Noise x People x Wildlife									
		x Nat. Resource Use x Universal Waster										
		Notable Aspects Overspray, use near open water water used for mixing disposal of unused material spills during handling	Notable Impacts Contamination of ground and surface water Employee exposure to vapors Adverse affects on wildlife Vapors carried by wind. Increased workers compensation claims, due to non-treatment	1	4	1	6	4	24	19t		
Activity # 4-8, Fencing and barriers	Fencing, barriers, gates, jersey barriers, metal fencing, silt fencing	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste x Generate Solid Waste Energy Use x Nat. Resource Use	Air Water x Land -minor Noise People									
		Notable Aspects	Notable Impacts Solid waste to landfills	1	1	1	3	4	12	41t		

**Environmental Aspect-Impact Inventory and Significance Ranking**  
**EIP-2-Form 2b**

Bureau: Highway Maintenance		Facility/Location: statewide	Date: 2/13/09								
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.	Environmental Impacts. Check all that apply.		A. Degree of Impact on human health or the environment. and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*
Activity # 5-1, Asset acquisition, purchasing control	Asset acquisition, purchasing control	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste x Generate Solid Waste Energy Use x Nat. Resource Use	x Air x Water x Land x Noise x People								
		Notable Aspects Purchase green products when possible. Streamline process to eliminate redundancy.	Notable Impacts Energy covered in Activity # 5-3. Procurement process can have impact on green products.		2	4	3	9	2	18	32t
Activity # 5-2, Asset disposal (Office equipment)	Toner cartridges, monitors, desks, chairs	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste x Generate Solid Waste x Energy Use x Nat. Resource Use	Air Water x Land Noise People								
		Notable Aspects Recycle spent products (cartridges, monitors), surplus reusable products (desks, chairs)	Notable Impacts General trash disposal to landfills. Old furniture to surplus.		1	4	2	7	2	14	40

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Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09						
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.	Environmental Impacts. Check all that apply.	A. Degree of Impact on human health or the environment. and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*
Activity # 5-3, Overall Energy Management	Heating and cooling	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste Generate Solid Waste Energy Use x Nat. Resource Use	x Air - minimum emissions Water Land Noise x People -indirect due to air quality, minor							
		Notable Aspects Use of oil, propane, electricity	Notable Impacts							
Activity # 5-7, Copying/Printing	Use of copier paper, printer, changing toner/ink, use of plan plotter	Emissions/Dust Discharges/Releases Spills/Leaks Generate Haz Waste Generate Solid Waste Energy Use x Nat. Resource Use	x Air Water x Land Noise x People	2	4	4	10	2	20	25t
		Notable Aspects Paper use/disposal, disposal of used toner/ink cartridges, ammonia used in some plan copiers/blueprint machines	Notable Impacts Toner/ink spills, dust, recycle used paper, ammonia vapors emitted to air inhaled by employees, recycle used toner/ink cartridges	2	4	4	10	3	30	11

New Hampshire Department of Transportation  
Bureau Of Highway Maintenance

**Environmental Aspect-Impact Inventory and Significance Ranking**  
**EIP-2-Form 2b**

Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09								
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.		Environmental Impacts. Check all that apply.		A. Degree of Impact on human health or the environment. and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*
Activity # 6-1, Fuel Storage, Handling, and Dispensing	Underground Storage Tanks -diesel, gasoline, #2 heating oil	x	Emissions/Dust - vapor	x	Air							
		x	Discharges/Releases	x	Water							
		x	Spills/Leaks	x	Land - spills and solid waste							
		x	Generate Haz Waste		Noise							
		x	Generate Solid Waste - cleanup materials, absorbents, pads, speedy dry	x	People							
		x	Energy Use - pumping or transfer									
		x	Nat. Resource Use									
		Notable Aspects minor solid waste		Notable Impacts minor solid waste to landfills		3	4	1	8	4	32	6t
Activity # 6-2, Fuel Storage, Handling, and Dispensing	Aboveground Storage Tanks - # 2 heating oil storage, used oil storage, propane storage, gasoline storage	x	Emissions/Dust	x	Air							
		x	Discharges/Releases	x	Water							
		x	Spills/Leaks	x	Land							
		x	Generate Haz Waste		Noise							
		x	Generate Solid Waste - absorbents	x	People							
		x	Energy Use									
		x	Nat. Resource Use									
		Notable Aspects Incidental spills from transferring and removing product		Notable Impacts Product introduced into floor drains, floors, outside storage areas, secondary containment, possible spills on humans		3	4	1	8	4	32	6t

**Environmental Aspect-Impact Inventory and Significance Ranking**  
**EIP-2-Form 2b**

Bureau: Highway Maintenance		Facility/Location: statewide		Date: 2/13/09								
Activity	Activity/Task Notes	Aspects (interactions with the environment). Check all that apply.		Environmental Impacts. Check all that apply.		A. Degree of Impact on human health or the environment and Natural Resources.	B. Degree of concern by regulators, employees or the community/public.	C. Frequency or likelihood of occurrence.	Sub-Total (Add A+B+C)	D. Degree of control or influence	Total score (Sub-total x D)	Significance*
Activity # 6-3, Fuel Storage, Handling, and Dispensing	Portable - miscellaneous containers in vehicles, 5 gallon, 1 gallon	x Emissions/Dust - vapors	x Discharges/Releases	x Air								
		x Spills/Leaks	x Generate Haz Waste	x Water								
		x Generate Solid Waste	x Energy Use - pumps	x Land								
		x Nat. Resource Use		x Noise								
				x People								
		Notable Aspects Potential spills, leaks, vapors		Notable Impacts Potential soil and groundwater contamination, release of product pollutes environment and exposes employees to health risks (spills and vapors)		3	4	2	9	3	27	15t
Activity # 6-6, Fuel Storage, handling, and Dispensing	Delivery from vendors, filling vehicles and equipment, filling portable containers, filling tools, pump operation	x Emissions/Dust	x Discharges/Releases	x Air								
		x Spills/Leaks	x Generate Haz Waste	x Water								
		x Generate Solid Waste - absorbents	x Energy Use	x Land								
		x Nat. Resource Use		x Noise								
		Notable Aspects VOC vapors, fuel spills onto ground, waste generated through spill cleanup, electricity for pumps (some by mechanical services)		Notable Impacts Vapor emissions, soil and groundwater contamination, disposal of waste, spills and splashes (people)		3	4	3	10	2	20	25t

Notes:  
1. t - indicates a significance ranking tie.