

## **NH Solid Waste Working Group – 4/22/22**

**Subcommittee: Waste Reduction and Management of Difficult Wastes**

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### **Waste Reduction:**

1. Education program for communities – Outreach and plan requirements
  - a. Mailings and postings for City and Town Halls brief handouts + summaries
  - b. Solid Waste Committee communications - more in depth for possible roll out
  - c. Require solid waste plans (SB 380) to include a discussion on waste reduction efforts
2. NHDES Solid Waste Operator Training Program – include training on waste reduction (follow the information to be provided to the Local Solid Waste Committees (see 1.b. above)
3. Manufacturing Facility Waste Minimization Audits for larger industries – conduct by NHDES; Consultant; or service provider to help identify possible opportunities for waste reduction
4. Education programs for schools – Standard curriculum for distribution
  - a. Elementary Schools
  - b. Middle Schools

### **Difficult to Manage Wastes:**

1. Contaminated Soils
  - a. Petroleum contaminated soils- preferred method soil cooker – ESMI
  - b. Historic fill impacted soils – limited disposal options – Brownfield sites
  - c. Asbestos contaminated soils – limited disposal options – Brownfield sites
  - d. Mixed waste and soils – limited disposal options - Madbury Metals example
2. Bulky Waste
  - a. Furniture \*
  - b. Mattresses - deconstruct – limited outlets
  - c. Stumps and land clearing debris – chipping and composting/ECM
  - d. Pallets – Chipping and composting /ECM
  - e. C+D Recycler for processing
  - f. Marina Waste – boat shrink wrapping – seek out recycling opportunities
  - g. Carpeting\*- \*PFAS will likely impact recycling opportunities going forward
3. C+D
  - a. ABC materials – grind for road base or other civil construction projects
  - b. Building C+D – C+D recycler for sorting and processing
    - i. Clean wood – chip for fuel – encourage as fuel source
    - ii. Clean wood- chip for composting
    - iii. Metals to recycling
    - iv. Sheetrock removal
    - v. Grinding balance for ADC

#### 4. Biosolids

- a. Industrial sludges – Disposal at landfills - limited alternative outlets
- b. POTW sludges
  - i. Disposal at landfills –
  - ii. Composting – windrow with leaf and yard waste or clean wood (PFAS concerns with end product if biosolids are added to leaf + yard waste)
  - iii. Pyrolysis – high costs and no commercial operation now in NH
  - iv. Incineration- at POTW (Manchester) or central location (permitting challenge and community push back)