## City of Arcata - Construction & Demolition Waste Management Diversion/Disposal Plan

**PROJECT:** _____ **DATE:** _____

Use this form to provide an analysis & estimate of the types & amount of waste to be generated. Indicate what materials will be diverted & what will be diverted, where materials will be diverted to, projected revenue from sale of materials, if any, & estimated costs

Land Fill/Transfer Station Used_____ Projected Costs of Landfill Disposal_____

**State whether materials will be Reused (RU), Recycled (RY) or Disposed (D) & provide volume or weight information. Also indicate how materials will be transported: Self Haul (SH), Onsite (O), Waste Hauler (WH)**

| Material Type | Demolition | | Foundation/Floor | | Frame | | Final | |
|---|---|---|---|---|---|---|---|---|
| **Weight/Volume Disposed/Diverted:** | Weight/Volume Reused/Recycled or Disposed | Transport Method | Reused/Recycled or Disposed | Transport Method | Reused/Recycled or Disposed | Transport Method | Weight/Volume Reused/Recycled or Disposed | Transport Method |
| Asphalt | | | | | | | | |
| Brick; Masonry; Tile; Cinderblock | | | | | | | | |
| Bath Fixtures | | | | | | | | |
| Doors - storefront, hollow, solid | | | | | | | | |
| Windows and window framing/Glass | | | | | | | | |
| Cardboard | | | | | | | | |
| Carpet; carpet padding | | | | | | | | |
| Ceiling tile (acoustic) | | | | | | | | |
| Concrete | | | | | | | | |
| Drywall (used) | | | | | | | | |
| Dirt - clean (must be wet down for Kernen) | | | | | | | | |
| Drywall (new, unpainted sheets or scrap) | | | | | | | | |
| Electric Panels | | | | | | | | |
| Furnaces/Water heater | | | | | | | | |
| Greenwaste- brush, tree trimmings, stumps | | | | | | | | |
| Metal - scrap, rails, metal siding, etc. | | | | | | | | |
| Plastic bottles /Glass bottles /Aluminum cans | | | | | | | | |
| PVC pipe | | | | | | | | |
| Roofing; Roof Shingles | | | | | | | | |
| Trash - non-recylable material | | | | | | | | |
| Wood & pallettes - unpainted | | | | | | | | |
| **Total Weight/Volume Diverted** | | | | | | | | |
| **Total Weight/Volume Disposed** | | | | | | | | |

**CITY OF ARCATA** **Demolition Materials Planning Sheet**

The following checklist will be used when planning to salvage, reuse and recycle demolition materials. It may be copied for use during a walk-through of the structure to be demolished or during plan review in order to prepare a comprehensive list of materials for insertion in the Waste Diversion/Management Plan.

**Project:**_____ **Date:**_____

| Materials | Quantity | Precautions for Removal | Owner Re-use or Recycle | Contractor Re-use or Recycle |
|---|---|---|---|---|
| | | | | |
| Air Conditioning Equipment | | CFC's | | |
| Air Conditioning:Computer Rm. packages | | CFC's | | |
| Air Conditioning: Mini Central Systems | | CFC's | | |
| Air Conditioning: Window Systems | | CFC's | | |
| Aluminum | | | | |
| Aluminum Handrails | | | | |
| Appliances | | | | |
| Asbestos: Various possible materials | | testing, removal | | |
| Asphalt | | | | |
| Asphalt: Paving | | | | |
| Batteries | | | | |
| Brass | | | | |
| Brick | | | | |
| Bronze | | | | |
| Cabinets | | | | |
| Cable: Various | | | | |
| Cardboard | | | | |
| Carpet | | | | |
| Cast Iron | | | | |
| Cast Iron: Radiators, pipes | | | | |
| Cinder Blocks | | | | |
| Clay Tile Blocks | | | | |
| Compressors | | CFC's | | |
| Computer Equiptment | | | | |
| Computer Monitors | | | | |
| Concrete | | | | |
| Concrete Masonry Units | | | | |
| Decking: Wood | | | | |
| Door Frames: Metal | | | | |
| Door Frames: Wood | | | | |
| Doors: Elevator Vintage | | | | |
| Doors: Heavy Vault | | | | |
| Doors: Thin panel and various | | Non-rated | | |
| Doors: Wood | | | | |

**Project:**_____ **Date:**_____

| Materials | Quantity | Precautions for Removal | Owner Re-use or Recycle | Contractor Re-use or Recycle |
|---|---|---|---|---|
| Doors: Metal | | | | |
| Drywall | | | | |
| Ductwork | | | | |
| Earth | | | | |
| Electric swithcgear, feeder cables, conduit | | | | |
| Electrical Equiptment | | | | |
| Electrical Cable | | | | |
| Elevator cabs, machinery, shaft equipt., rails | | | | |
| Fabric | | | | |
| Fiberglass | | removal | | |
| Fire Suppresion Equiptment | | | | |
| Fixtures & Fittings: Plumbing | | | | |
| Fixtures: store | | | | |
| Flooring: Vinyl | | | | |
| Flooring: Wood | | | | |
| FRP | | | | |
| Fuel Storage Tanks | | Soil - Seepage | | |
| Furniture: Metal | | | | |
| Furniture: Metal Shelving | | | | |
| Furniture: Wood | | | | |
| Furniture: Re-useable | | | | |
| Furniture: Systems | | | | |
| Glass: Interior | | | | |
| Glass: Plate | | | | |
| Glass: Storefront | | | | |
| Glazing Compound: Asbestos, lead possible | | Testing, removal | | |
| Gutters and Flashings | | | | |
| Gypsum Blocks | | | | |
| Gypsum - Exterior | | | | |
| Hardwood | | | | |
| Hazardous Materials | | | | |
| Heavy Timbers, Beams | | | | |
| Inert Materials: Plaster, Stucco | | | | |
| Insulation | | Fiberglass - removal | | |
| Interior Air Handlers and Controls | | | | |
| Lamps - Fluorescent | | Mercury retrieval | | |
| Lead: Paint and Other Possible Materials | | Testing, removal | | |
| Light Bulbs | | | | |
| Light Fixtures - Decorative | | | | |
| Light Fixtures - Fluorescent and Utility Fixtures | | | | |
| Light Fixtures: Vintage Fluor. or Incandescent | | PCB balasts | | |

**Project:**_____ **Date:**_____

| Materials | Quantity | Precautions for Removal | Owner Re-use or Recycle | Contractor Re-use or Recycle |
|---|---|---|---|---|
| Marble: Toilet Partitions | | | | |
| Marble: Walls | | | | |
| Metal: Cable | | | | |
| Metal: Conduit | | | | |
| Metal: Galvanized Steel | | | | |
| Metal: Miscellaneous | | | | |
| Mirrors | | | | |
| Other Considerations | | | | |
| Paper | | | | |
| Partitions: Demountable Panels | | | | |
| Partitions: Aluminum tracks, miscl. framing | | | | |
| PBX/Telephone Equipment, conduit, cables | | | | |
| Petroleum Products | | | | |
| Photocopy Machine | | | | |
| Piping | | | | |
| Plaster | | | | |
| Plastic: ABS | | | | |
| Plastic: Polyethylene | | | | |
| Plastic: Polystyrene | | | | |
| Plastic: PVC | | | | |
| Plumbing fittings, faucets, etc. | | | | |
| Possible Lead Waste Pipes | | Testing, removal | | |
| Pressure Treated Wood | | | | |
| Precast Concrete | | | | |
| Pumps | | | | |
| Radioactive Materials | | Removal, disposal | | |
| Raised Access Flooring | | | | |
| Rock | | | | |
| Roofing: Composition | | | | |
| Roofing: Buildt-up | | | | |
| Roofing: Stone, Clay | | | | |
| Roofing: Metal | | | | |
| Rubber | | | | |
| Sand | | | | |
| Sheet Metal: Miscellaneous | | | | |
| Software, Floppy Discs | | Discs recyclable | | |
| Stainless Steel | | | | |
| Standpipe | | | | |
| Steel | | | | |
| Steel: Heavy | | | | |
| Steel: Reinforcement | | | | |

**Project:**_____ **Date:**_____

| Materials | Quantity | Precautions for Removal | Owner Re-use or Recycle | Contractor Re-use or Recycle |
|---|---|---|---|---|
| Steel: Sheet | | | | |
| Steel: Stairs, Handrails | | | | |
| Steel: Structural | | | | |
| Steel: Studs, and Miscellaneous Framing | | | | |
| Stone | | | | |
| Telecommunications Equipment | | | | |
| Terrazo | | | | |
| Textiles | | | | |
| Toxic Materials | | Removal, disposal | | |
| Transformers | | PCB's, disposal | | |
| Treated Lumber | | | | |
| Trees | | | | |
| Vinyl | | | | |
| Water Fountains | | | | |
| Windows: Steel Frames | | | | |
| Windows: Wood Frames, Cast Iron Weights | | | | |
| Wood | | | | |

# City of Arcata Waste Management Plan –- Final Diversion/Disposal Information

**Project:**_____ **Location:**_____ **Date:**_____

I. Total Project Waste

| Quantity (tons) | Landfill site | Tip fee/ton | Total cost of disposal* | Total cost/ton |
|---|---|---|---|---|
| | | $ | $ | $ |

*includes hauling, container rental & tip fee **– Submit receipts for proof of materials diverted/disposed of**

II. Alternatives to Landfilling

| Type of Material | Quantity (tons) | Destination & Means of transp. | Cost of Handling & transp. | Expected revenue & tip fee savings | Net Cost | Cost if Landfilled | Comparison cost(+) or savings (-) |
|---|---|---|---|---|---|---|---|
| Wood Waste | | | | | | | |
| Concrete | | | | | | | |
| Brick | | | | | | | |
| Glass | | | | | | | |
| Metal | | | | | | | |
| Cardboard | | | | | | | |
| Sheet rock | | | | | | | |
| Roofing | | | | | | | |
| Other _____ | | | | | | | |
| Other _____ | | | | | | | |

| Type of Material | Quantity (tons) | Destination & Means of transp. | Cost of Handling & transp. | Expected revenue & tip fee savings | Net Cost | Cost if Landfilled | Comparison cost(+) or savings (-) |
|---|---|---|---|---|---|---|---|
| Other _____ | | | | | | | |
| Other _____ | | | | | | | |
| Other _____ | | | | | | | |
| Other _____ | | | | | | | |
| Other _____ | | | | | | | |
| Other _____ | | | | | | | |
| TOTAL DIVERTED = | | | | | | | |
| | | | | | | | |

III. Total net cost (+) or savings(-) from all alternatives to landfilling all project waste

| IV. Means of keeping recyclables free of contamination : | V. Meetings to be held to address waste management: |
|---|---|
| | |

(labor/hrs) + (mileage & truck maint. = $) for this job total of $_____