



Constructing a Cleaner Future

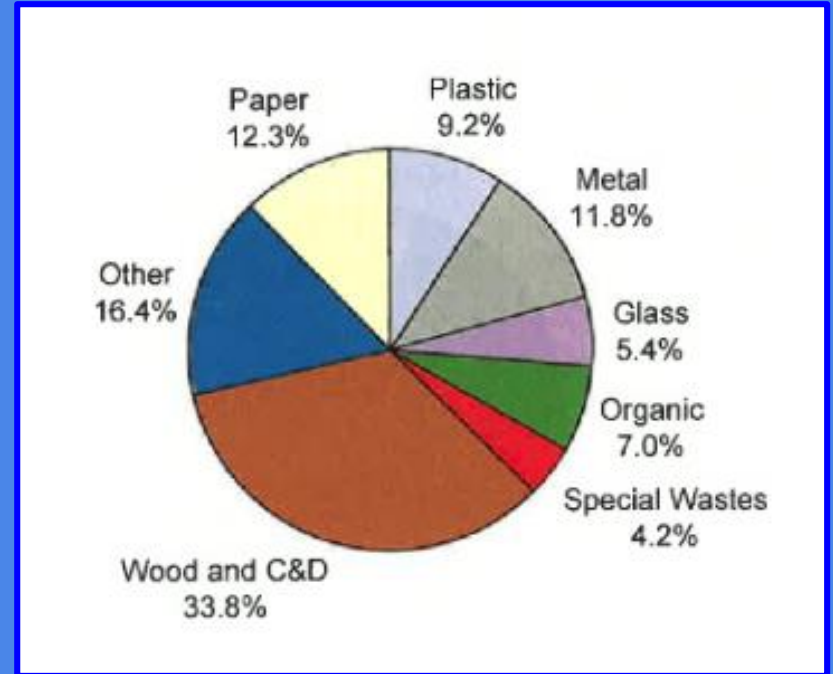
Burch Ault, Hunter Philip, Manny
Larrain, Megan Peda



Our Mission



The City of Edmonds





City of Edmonds Climate Change Action Plan

You are here...



Construction and Demolition



**Gypsum Scrap
(New)**



Metal



**Wood
(Clean)**



Asphalt Paving



Bricks



Cardboard



Concrete

Documents

Construction Waste Management Plan

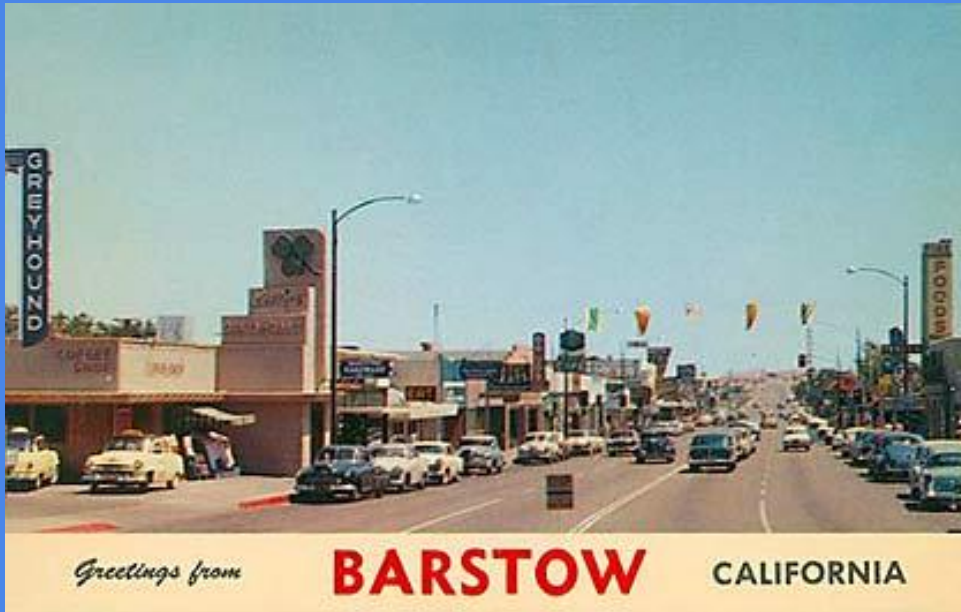
Salvage Assessment and Deconstruction

Waste Log

CASE STUDIES



Barstow, California



Construction Waste Management Plan (CWMP)



Construction Waste Management Plan



Construction Waste Management (CWM) Plan

Project Name: _____

Job# _____

Project Manager: _____

~City of Edmonds Contract Administrator/Solid Waste:

All Subcontractors shall comply with the project's Construction Waste Management Plan.

All Subcontractor foremen shall sign the CWM Plan Acknowledgment Sheet.

Subcontractors who fail to comply with the Waste Management Plan will be subject to back charges or withholding of payment, as deemed appropriate. For instance, Subcontractors who contaminate debris boxes that have been designated for construction material will be subject to back charge or withheld payment, as deemed appropriate.

1. The project's overall rate of waste diversion will be no less than 75%.

.....

Portland, Oregon

Deconstruction Ordinance



Deconstruction Ordinance

RESOLUTION No. 371 90

Direct the Bureau of Planning and Sustainability to develop code language for Council consideration to require deconstruction for the city's oldest and most historic houses and duplexes (Resolution)

WHEREAS, deconstruction is the systematic dismantling of a structure in order to prioritize salvage of materials for reuse and does not preclude the use of heavy machinery; and

WHEREAS, approximately 300 single-dwelling structures are demolished annually, of which approximately 34 percent were built in or before 1916 or are designated as a historic resource; and

Deconstruction Ordinance from Portland, Oregon

King County, Washington

Waste Log and Salvage Assessment



Waste Log & Salvage Assessment

Building Component	Specific Material (Use drop-down list)	Notes
Wall Covering	Choose Selection	
Wall Covering		
Insulation		
Plumbing		
Plumbing		
Lighting Fixtures		
Wood		
Wood		
Wood		
Wall Sheathing		
Wall Sheathing		
Doors		
Doors		
Flooring		
Flooring		
Carpet		
Cabinets		
Windows		
Roofing		
Siding		
Siding		
Miscellaneous		

Material	Diversion Method	Hauler	Receiving Facility
Individual Materials			
Asphalt Paving *	Choose Selection	Choose Selection	Choose Selection
Asphalt Shingles		Bobby Wolford Trucking and	
Brick (whole)*			
Carpet/padding			
Concrete *			
Cardboard *			
Glass			
Gypsum/Drywall *			
Land Clearing			
Metals *			
Plastics			
Plastic Film Wrap			
Rock/Gravel			
Soil/Sand			
Wood *			
Other:			
Other:			
Hazardous Waste			
Recyclable Comingled Material			
List materials to be recycled:			
Mixed Non-recyclable Debris			

Reuse Stores



Our Plan

CWMP



**Salvage
/Deconstruction**



Waste Log



Materials hauled



**CWMP
Turned In**



Impact



Future



MATERIAL & RESOURCES

AWARDED: 2 / 13

MRc1.1	Building reuse - maintain 75% of existing walls, floors & roof	0 / 1
MRc1.2	Building reuse - maintain 95% of existing walls, floors & roof	0 / 1
MRc1.3	Building reuse - maintain 50% of interior non-structural elements	0 / 1
MRc2.1	Construction waste Mgmt - divert 50% from disposal	1 / 1
MRc2.2	Construction waste Mgmt - divert 75% from disposal	0 / 1
MRc3.1	Materials reuse - 5%	0 / 1



MATERIAL & RESOURCES

CONTINUED

MRc3.2	Materials reuse - 10%	0 / 1
MRc4.1	Recycled content - 10% (post-consumer + 1/2 pre-consumer)	1 / 1
MRc4.2	Recycled content - 20% (post-consumer + 1/2 pre-consumer)	0 / 1
MRc5.1	Regional materials - 10% extracted, processed and manufactured regionally	0 / 1
MRc5.2	Regional materials - 20% extracted, processed and manufactured regionally	0 / 1
MRc6	Rapidly renewable materials	0 / 1
MRc7	Certified wood	0 / 1