

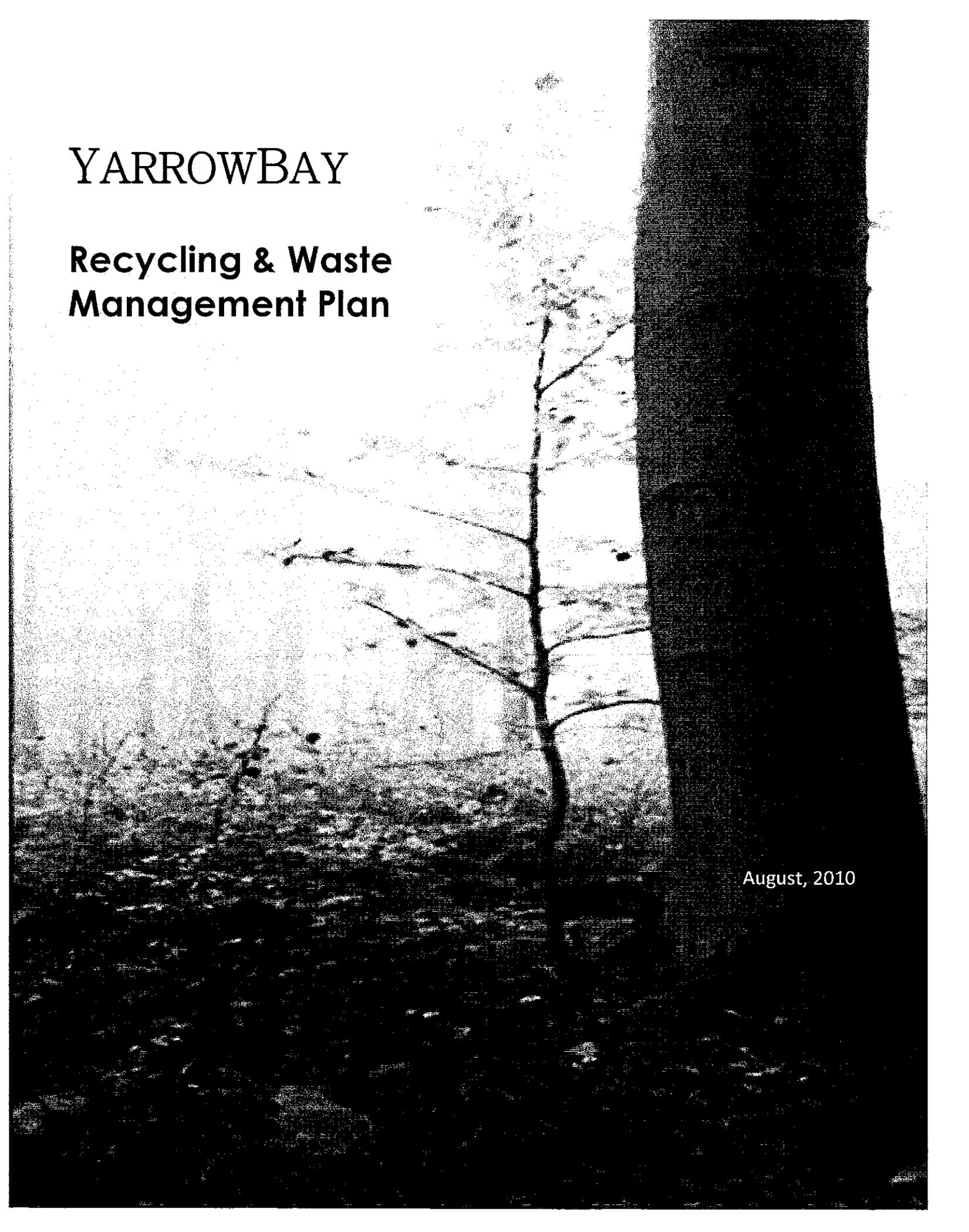
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Construction Waste Management Plan, Exhibit "J" of  
The Villages DA  
August 2010

# YARROWBAY

## Recycling & Waste Management Plan

August, 2010



# YARROWBAY

## Waste Management Plan

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**Contractor:** YarrowBay  
**Project(s):** Lawson Hills MPD and The Villages MPD  
**Location:** Black Diamond, WA  
**Recycling Coordinator:** \_\_\_\_\_

1. This project and its contractors shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials wherever possible. This project is expected to achieve a minimum recycling rate of 75% by strict adherence to this Waste Management Plan.
2. YarrowBay or the contractors on site will keep on hand a mix of commingled and source separated drop boxes at the job site as phases dictate. Commingled drop boxes can be filled with any recyclable construction debris material except hazardous or putrescible waste. These drop boxes will be collected and taken to an appropriate recycling center by an acknowledged waste recycler for sorting and processing. Source separated materials will be taken to any one of multiple locations for processing depending on material type and site proximity. Materials that can be recycled will be recycled and the residual materials will be transferred to a landfill.
3. Waste prevention and recycling activities will be discussed at the beginning of each monthly safety meeting. As each new subcontractor comes on site, the recycling coordinator will present him/her with a copy of the Waste Management Plan and provide a tour of the recycling areas designated on the site plan. The Waste Management Plan, site plan and all critical recycling information will be posted in the designated recycling area. All subcontractors will be expected to make sure their crews comply with the Waste Management Plan requirements.
4. YarrowBay will generate a report that shows how much waste was recycled. This report will be used to track progress.
5. The following chart identifies the waste materials that will be generated on this project, the recycling/disposal method for each material and any specific handling procedures.

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## Waste Management Plan

Material	Qty.	Recycling/Disposal Method	Handling Procedures
Asphalt, Brick, Concrete, Masonry		YarrowBay and subcontractors to place material in <b>Concrete Only</b> recycling drop box.	<b>Concrete Only</b> drop boxes will be hauled directly to Kangley Rock and Recycle in Renton, WA to be processed as recycled aggregate and granular fill.
Cardboard		YarrowBay and subcontractors to place material in <b>Cardboard Only</b> recycling drop box.	Cardboard will be broken up and folded into flat sheets to be placed in <b>Cardboard Only</b> drop boxes and hauled to an appropriate facility for processing. Paper mills process the materials into pulp for re-use.
Gypsum Drywall		YarrowBay and subcontractors to place material in <b>Drywall Only</b> recycling drop box.	<b>Drywall Only</b> drop boxes will be hauled directly to an appropriate facility for processing. Gypsum is recycled and manufactured into new wallboard.
Metals (All)		YarrowBay and subcontractors to place all metal debris in <b>Metal Only</b> recycling drop box.	<b>Metal Only</b> drop boxes will be hauled to an appropriate facility for salvage/recycling.
Wood (All)		YarrowBay and subcontractors to place material in <b>Wood Only</b> recycling drop box as clean wood.	<b>Wood Only</b> recycling drop boxes will be hauled to an appropriate facility for processing.
Commingled Debris		YarrowBay and subcontractors to place material in <b>Commingled</b> Recycling drop box.	<b>Commingled</b> drop boxes taken to an appropriate facility for sorting and will be handled per the materials guidelines above.
Job Office Waste		<b>Recycle Bin</b>	All recyclable job office waste to be deposited into <b>Recycle Bins</b> and hauled by the municipal recycling hauler for sorting and recycling.
Non-Recyclable Waste		YarrowBay and subcontractors to place material in the <b>Non-Recyclable Waste</b> Container.	<b>Non-Recyclable Only</b> waste containers will be sent to a solid waste transfer station and transferred to a landfill by the municipal solid waste hauler.

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## Program Reports

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Progress reports will be submitted to the recycling coordinator and/or designated YarrowBay representative monthly or upon request. The list below provides explanations of the columns shown on the reports:

Report	Explanation
Diversion Report	Details the quantity of material diverted from the landfill to recycling facilities
Commingled Debris	Refers to drop boxes that are filled with mixed recyclable materials that are taken to a sorting/processing facility.
Source-Separated Material	Refers to drop boxes that are filled with one material type, i.e. concrete only. The source-separated material will be sent directly to a recycling facility.
Diversion Rate	Refers to the percentage of materials in the commingled debris or the source-separated debris that is recycled. The remaining material that cannot be recycled is transferred to a landfill.
Total Diversion Tonnage	Refers to the total tons of both commingled debris and source-separated debris that is recycled.
Tonnage of Materials Generated	Shows the total amount of material generated that is placed in the recycle boxes and hauled off site for recycling.