

STAFF REPORT



ITEM NO. **26**

CITY OF OCEANSIDE

DATE: December 14, 2005

TO: Honorable Mayor and City Councilmembers

FROM: Public Works Department

SUBJECT: **ADOPTION OF CITY COUNCIL POLICY 100-59 CONCERNING THE RECYCLING OF SOLID WASTE GENERATED AS A RESULT OF CONSTRUCTION AND DEMOLITION PROJECTS**

SYNOPSIS

Staff recommends that the City Council adopt City Council Policy 100-59 concerning the recycling of solid waste generated as a result of Construction and Demolition (C&D) projects.

BACKGROUND

In 1989 the California Integrated Waste Management Act (AB939) was adopted. The act required all cities to divert 50 percent of the solid waste generated by the City from landfill disposal by 2000. Oceanside's diversion was at 46 percent in 2000 and dropped to 41 percent in 2003.

Construction and demolition materials are generated during the building of roads, sidewalks, land clearing, construction of homes, office and commercial structures, tenant repair and improvements, and the demolition of structures. During grading projects, road work, gutter and sidewalk projects "inerts" are typically the by-product. Inerts consist of concrete, asphalt, bricks, rocks, rubble and dirt. Construction waste includes wood, ferrous and non-ferrous metals, plastic pipes, strapping material, cardboard, glass and other composite materials. Green waste is additionally a by-product of the land clearing or grading process during construction of a project.

In 2002 the California Integrated Waste Management Board (CIWMB) granted the City an extension to the SB1066 process which outlined seven programs where enhancement, expansion or new services could be applied which would increase diversion tonnage from landfill disposal. Listed in the approved extension applications was the requirement that the City adopt a C&D Ordinance by July 1, 2006. To meet planning and diversion goals a draft C&D Ordinance was developed during a county-wide process involving the County of San Diego, the City of San Diego and 16 other cities including the City of Oceanside.

The City of San Diego adopted a C&D Ordinance on September 19, 2005. The County of San Diego is currently working on their draft C&D Ordinance with a phased-in system of six months following the date of adoption while meeting public notice requirements. It is anticipated that the City Council of the City of Oceanside will review a proposed C & D Ordinance in June 2006.

In August 2005, the California Integrated Waste Management Board reviewed Oceanside's second SB1066 extension report. The City listed a C&D Ordinance as one program that would be implemented to meet the 50 percent diversion of solid waste from landfill disposal. The City's second time extension expires at the end of the year and the City must schedule a consideration for a C&D Policy/Ordinance before the end of the fiscal year. The CIWMB strongly urged the City of Oceanside to work diligently to implement all the programs to include the C&D Program to meet the time extension requirements.

ANALYSIS

The City of Oceanside has been complying with the C&D process by diverting most of the "inerts" from City projects. In the first phase of the C&D process the City policy will be to require applicants and contractors who are parties to any City contract that generates construction and demolition waste to recycle all inerts, green waste, clean wood, metals and cardboard from landfill disposal. All City-funded projects that require grading, building or demolition permits shall be required to recycle the C&D debris pursuant to the contract language. It is also recommended that the City develop an administrative regulation that outlines diversion requirements for all City departments that generates C&D materials.

The second phase will state that all private development projects, including demolition and remodeling projects shall be encouraged to recycle and divert all inerts, green waste, metal, clean wood and cardboard materials from landfill disposal, until a City of Oceanside C&D Ordinance has been adopted.

The City has been experiencing a tremendous building and growth phase. As a result of the construction, grading, de-construction and renovations, thousands of tons of valuable materials have been landfilled. There is an economic value to recovering these materials in addition to the cost savings of diverting and not landfilling the materials.

Oceanside disposed of 161,896 tons of materials in 2004. The percent of C&D material for municipal disposal is approximately 30-35 percent of the waste stream. When C&D diversion is required in Oceanside approximately 56,000 tons may be diverted cutting back on disposal costs, transportation impacts, saving landfill space and adding a valuable resource back into the economic materials stream.

Prior to the implementation of the C&D Ordinance the City will develop a public education and outreach program. Staff will conduct workshops and incorporate

advisory input from City commissions, citizen groups, professional organizations, the building industry and contractors associations. Educational materials and brochures will be developed and be made available at the permit desk and on the City's web site.

The development of a C&D processing facility to accept mixed loads of materials is critical for the practical applications of the ordinance. City staff will work with the franchise waste hauler to identify cost-effective methods of handling the C&D material. City staff will also assist interested businesses in the process of identifying potential sites for C&D facilities. The siting of such a facility would be a positive economic factor for the City.

FISCAL IMPACT

There will be no fiscal impact to implement the City Council Policy #100-59. The savings for the re-use of processed asphalt, concrete and dirt for City capital improvement projects was approximately \$250,000 in material costs savings in 2004.

Failure to implement a C&D Program may place the City's time extension in a compliance review phase. Overall not meeting the 50 percent tonnage diversion requirement may also result in a \$10,000 per day fine levied on the City by the State of California.

INSURANCE REQUIREMENTS

Does not apply.

COMMISSION OR COMMITTEE REPORT

The Integrated Waste Commission reviewed the C&D Policy and ordinance process at their August 23 and October 25 monthly meetings and voted unanimously to move forward with the process.

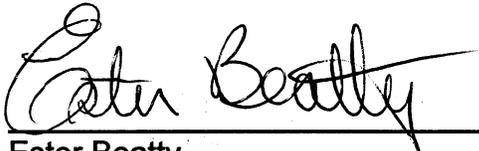
CITY ATTORNEY'S ANALYSIS

The referenced documents have been reviewed by the City Attorney and approved as to form.

RECOMMENDATION

Staff recommends that the City Council adopt City Council Policy 100-59 concerning the recycling of solid waste generated as a result of Construction and Demolition (C&D) projects.

PREPARED BY:



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SUBMITTED BY:



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City Manager

REVIEWED BY:

Michelle Skaggs-Lawrence, Assistant to the City Manager

Peter A. Weiss, Public Works Director





Attachment 1: Draft C & D Policy

DRAFT

SUBJECT:

**Recycling of Solid Waste Generated as a
Result of Construction or Demolition Projects**

**POLICY NUMBER 100-59
ADOPTED 12-14-05**

It is the policy of the City Council that all City projects shall divert or recycle all inerts, green waste, metal and wood from solid waste generated as a result of construction or demolition. Inerts consist of rock, asphalt, concrete, brick, rubble and soil.

All private development projects, including demolition and remodel projects, shall be encouraged to recycle and divert all inerts, green waste, metal, cardboard, and wood materials from landfill disposal.