

# INFORMATION REPORT

<b>TO:</b> Chair and Members Public Works Committee	<b>WARD(S) AFFECTED:</b> CITY WIDE
<b>COMMITTEE DATE:</b> September 4, 2012	
<b>SUBJECT/REPORT NO:</b> Standards and Approved Products Committee (PW12061) - (City Wide)	
<b>SUBMITTED BY:</b> John Mater, C.E.T. Acting General Manager Public Works Department	<b>PREPARED BY:</b>  Gary Moore 905-546-2424, Extension 2382
<b>SIGNATURE:</b>	

**Council Direction:**

As approved by Council, Policy #14 - Standardization of City of Hamilton's Procurement Policy requires an annual Information Report outlining the rationale for any standardization of Goods added to the City's Approved Products Listing, the number of Goods standardized and any standardized good resulting in a single source purchase. This report is for the period of June 2011 to June 2012.

**Information:**

The Standard Review and New Products Committee is made up of representatives from Water/Wastewater, Traffic, Road Operations, Design, Construction and Development Engineering.

The group develops, reviews and implements construction and maintenance related specifications for horizontal linear assets (road, water, sewer) and reviews and approves applications for products to be added to the City Approved Products List for the works related to Road, Water, Sewer, Traffic and Lighting works.

In order to establish minimum standards for new products with Public Works and establish consistent evaluation criteria, the Committee has developed Product and Material Acceptance Criteria for the following product categories:

- a) Watermain Pipe and Fittings
- b) Storm and Sanitary Sewer Pipe
- c) Catch Basin, Manhole and Valve Chamber Frames and Covers

These criteria provide a guideline for the Committee and applicants in establishing a set of clear evaluation criteria for a product that will be used to evaluate each product.

**SUBJECT: Standards and Approved Products Committee  
(PW12061) - (City Wide) - Page 2 of 2**

---

The following is a brief summary of the results of the New Product Application Process established since the Committee last reported (June 2011).

Eight applications for new products have been received from five applicants since June 2011. None have resulted in the requirement for single source purchasing.

Revision number 3 to the City of Hamilton Construction and Material Specifications Manual has been issued. This manual is widely used by consultants and internal staff of Road Operations, Water/Wastewater Operations, Road/Utility Cuts, Development Engineering and the Construction Section of Public Works. With the Design Section of the Engineering Services Group acting as lead, the Committee provides a platform for cross-departmental participation in the review and updating of construction specifications and materials standards.

The most recent update of the manual was issued in April 2012. The changes are provided in Appendix "A" to Report PW12061 and included revisions to the following standards and specifications.

- a) Form 400 - specification for the installation of watermains
- b) Revisions to the approved watermain products list (six items)
- c) Revision to the approved sewer products list (two items)
- d) New streetlighting products list
- e) Revisions to the standard road index and drawings
- f) Revisions to the standard watermain index and drawings

**STANDARDS AND APPROVED PRODUCTS COMMITTEE  
UPDATE - July 2012**

The following is a brief summary of the changes initiated by or co-ordinated through the Standards and Approved Products Committee since the last update;

**a) Construction and Materials Specification Manual - Revision No. 3**

---

- Revision No. 3 was issued April 2012.

**b) Form 400 - Specification for the Installation of Watermains - Appendix "A"**

---

- Existing sections 2.5, Disinfection of Watermains and 2.7, Bacteriological Sampling revised and updated.

**c) Summary of Revisions to the Approved Watermain Products List**

---

- Reduced lead content products by Cambridge Brass added;
- The Smith Blair Omni 441 watermain coupling removed from the list;
- Tyler/Union added as an approved manufacturer for ductile iron fittings;
- Tyler/Union TUFGRip added as an approved manufacturer for joint restraint;
- Ebaa, Ford, Smith Blair added as approved manufacturers for bell and spigot joint restraint for DI and PVC pipe;
- WM-212 replacement manufactured by EJ (McCoy). WM-212 no longer in production.

**d) Summary of Revisions to the Approved Sewer Products List**

---

- Co-Pipe Products Inc. added as an approved manufacturer in the catch basin, maintenance hole and pipe categories;
- Munro Concrete Products added as an approved manufacturer in the catch basin and maintenance hole categories.

**e) Approved Street Lighting Products List**

---

- Newly created list for street lighting and associated products added.

**f) Summary of Revisions to the Standard Road Index and Drawings**

---

- Index updated;
- Existing drawing DT-0111-01 has been updated. (Size 24" x 36");
- DT:0111-02 Traffic Signal Standards - Typical Installation of Grounding and Bonding for Traffic Control Devices issued with this revision. (Size 24" x 36").

**g) Summary of Revisions to the Standard Watermain Index and Drawings**

---

- Index updated;
- WM-212 removed from the index. Replacement 750mm valve chamber frame and cover listed in the Approved Watermain Products List, manufactured by EJ (Formerly McCoy Foundry).