



APEGM
 Certificate of Authorization
 Earth Tech Canada Inc.
 No. 730 Expiry: April 30, 2006

FERRIC CHLORIDE (Bioreactor Polishing) DOSING PUMP 1
 EQUIP. NO.: T141-MP
 SPEC: 11315
 TYPE: GEAR METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 0.5 L/h
 MAX. CAPACITY: 50 L/h

FERRIC CHLORIDE (Bioreactor Polishing) DOSING PUMP 2
 EQUIP. NO.: T142-MP
 SPEC: 11315
 TYPE: GEAR METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 0.5 L/h
 MAX. CAPACITY: 50 L/h

FERRIC CHLORIDE (HEADWORKS/CEPT) DOSING PUMP 3
 EQUIP. NO.: T143-MP
 SPEC: 11315
 TYPE: GEAR METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 1.5 L/h
 MAX. CAPACITY: 150 L/h

FERRIC CHLORIDE (SLUDGE/CEPT) DOSING PUMP 4
 EQUIP. NO.: T144-MP
 SPEC: 11315
 TYPE: GEAR METERING
 DRIVE: VARIABLE SPEED
 MIN. CAPACITY: 1.5 L/h
 MAX. CAPACITY: 150 L/h

<p>A Tyco International Ltd. Company</p>		ENGINEER'S SEAL ORIGINAL SIGNED BY S.W. TORMEY 2006/04/26	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>
DESIGNED BY: CGL/EVS CHECKED BY: KM/ST DRAWN BY: P.JY/PPL APPROVED BY: JEH		CONSULTANT DRAWING NO. LI4.06	WEWPC BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT 3 CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER
HOR. SCALE: AS NOTED VERTICAL SCALE:		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX DATE: 2006/04/26	PROCESS AREA T - DAF THICKENER BUILDING FERRIC CHLORIDE DOSING - P&ID
NO. REVISIONS 01 21-2006 ADDENDUM 3 06/05/19 SRP 00 ISSUED FOR TENDER 06/04/26 CD	DATE BY 2005/07/06	DATE 2006/04/26	