

ANODE TEST STATION OR ANODE REPORT

ANODE TEST STATION NO.	Insert the anode test station or anode number. This is provided by the EPCOR Water Services Engineering Section and can be found (in case of Private Development plans) on the "Storm, Sanitary, and Water main" overall plan. Example: A504 OR TS123
CADASTRAL	Indicate if available Example: 940+32-10
OWNER	Indicate the name of owner Example: EPCOR or private
OPERATOR	Indicate the name of operator Example: EPCOR or private

WATER MAIN LOCATION

NEAREST INTERSECTION	Insert the Street and Avenue that the anode/test station is located on Example: St. = 136 St. Ave. = 114 Ave.
ALIGNMENT	Insert measurements in tow different directions, to the nearest hundredth of a metre, of the anode/test station to the P/L of a Street, Avenue, Lane, Walkway, or Utility lot
MATERIAL	Insert the existing anode/test station material on the Street or Avenue Example: C.I.
DIAMETER	Insert the existing water main nominal diameter on the Street or Avenue Example: 200
WATER MAIN INSTALLATION DATE	Insert the date when the water main was installed Example: June 19, 1988

TEST STATION LOCATION

ALIGNMENT	Insert measurements in two different directions, to the nearest hundredth of a metre, of the anode/test station to the P/L of a Street, Avenue, Lane, Walkway, or Utility lot
X COORDINATE	Insert the X coordinate for the anode/test station in metres Example: 28987.23
Y COORDINATE	Insert the Y coordinate for the anode/test station in metres Example: 5934620.57
Z COORDINATE (Ground Elev.)	Insert the elevation of the surface of the ground as a Z coordinate Example: 683.12

TEST STATION WIRE INFORMATION

INSTALLATION DATE	Insert the date when the anode/test station was installed Example: July 8, 2000
ANODE OR ANODE LEAD	Insert the Quantity, Size, and Color of the wires attached to the water main Example: 2, #12, Black
REFERENCE CELL	Insert the Quantity, Size, and Color of the wires attached to the reference cell Example: 1, #10, White
OTHER	Insert the Quantity, Size, and Color of the wires attached to the facility Example: 1, #10, Green

ANODE/TEST STATION TYPE

STANDARD	Insert whether the anode/test station is a standard installation (standard installations have a casing and at least two water main wires) Example: Yes
CONTINUITY BOND	Indicate whether a continuity bond was installed
ISOLATION JOINT	Indicate whether an isolation joint exists Example: No
INTERFERENCE CELL	Indicate whether an interference cell was installed Example: No
REFERENCE CELL	Indicate whether a reference cell was installed Example: Yes
CASING	Indicate whether a casing was installed Example: No

ANODE BANK(1) LOCATION – if anode installation using anode banks

BANK #1 ALIGNMENT	Insert measurements in two different directions, to the nearest hundredth of a metre, of the anode bank to the P/L of a Street, Avenue, Lane, Walkway, or Utility lot Example: 6.76 E.E.P.L. of 136 St. 7.62 S.N.P.L. of 110 Ave.
DEPTH FROM	Indicate the depth of the anode bank from its top to grade
DEPTH TO	Indicate the depth of the anode bank from its bottom to grade Example: 3.8 m

ANODE LEAD WIRE LOCATION (At anode bank)

WIRE #1 (Anode Lead Wire)

An anode lead wire is a wire that connects a remote anode bank to the test station. Insert the average depth of the lead wire below ground (for anode banks remote from the test station)

ANODE INFORMATION (Bank #1)

QUANTITY Indicate the number of anodes used
Example: 7

TYPE Indicate the type of anode used
Example: Magnesium

ANODE WEIGHT Indicate the weight of the anode used
Example: 9.1 KG

CONTAINER HEIGHT Indicate the anode container height
Example: 600 mm

CONTAINER DIAMETER Indicate the anode container diameter
Example: 150 mm

MANUFACTURER Indicate the anode manufacturer name
Example: Corpro Canada Inc.

ANODE BANK (2) LOCATION – if anode installation using anode banks

BANK #2 ALIGNMENT Insert measurements in two different directions, to the nearest hundredth of a metre, of the anode bank to the P/L of a Street, Avenue, Lane, Walkway, or Utility lot
Example: 6.76 E.E.P.L. of 136 St.
7.62 S.N.P.L. of 110 Ave.

DEPTH FROM Indicate the depth of the anode bank from its top to grade

DEPTH TO Indicate the depth of the anode bank from its bottom to grade
Example: 3.8 m

ANODE LEAD WIRE LOCATION (At anode bank)

WIRE #2 (Anode Lead Wire)

An anode lead wire is a wire that connects a remote anode bank to the test station. Insert the average depth of the lead wire below ground (for anode banks remote from the test station)

ANODE INFORMATION (Bank #2)

QUANTITY Indicate the number of anodes used
Example: 7

TYPE	Indicate the type of anode used Example: Magnesium
ANODE WEIGHT	Indicate the weight of the anode used Example: 9.1 KG
CONTAINER HEIGHT	Indicate the anode container height Example: 600 mm
CONTAINER DIAMETER	Indicate the anode container diameter Example: 150 mm
MANUFACTURER	Indicate the anode manufacturer name Example: Corrpro Canada Inc.
DEPTH TO	Indicate the depth of the anode bank from its bottom to grade

AUGERNODE INFORMATION

NUMBER OF ANODES INSTALLED NOT CONNECTED TO TEST STATION	Indicate the number of anodes not connected to a test station Example: 6
IF ANODES PREVIOUSLY INSTALLED AT THIS LOCATION – PREVIOUS INSTALLATION PROJECT NUMBER AND DATE	Indicate previous installation project number and date if applicable.
ANODE SPACING	Insert anode spacing Example: 15m
PROJECT LIMITS	Insert the boundary values that surround the project Example: V1245, V4568 etc

PROJECT INFORMATION

PROJECT NO.	Insert the project number. This is provided by EPCOR Network and Operations Engineering Section and can be found (in the case of Private Development plans) on “Storm, Sanitary, and Water main” overall plan. Example: PR150200
PROJECT YEAR	Insert the project year. This is provided by EPCOR Network and Operations Engineering Section and can be found (in the case of Private Development plans) on “Storm, Sanitary, and Water main” overall plan. Example: 2000
WORK ORDER NO.	Insert the work order. This is provided by EPCOR Network and Operations Engineering Section and can be found (in the case of Private Development plans) on “Storm, Sanitary, and Water main” overall plan. Example: WO180200

WORK ORDER YEAR

Insert the work order year. This is provided by EPCOR Network and Operations Engineering Section and can be found (in the case of Private Development plans) on "Storm, Sanitary, and Water main" overall plan.
Example: 2000

CONTRACTOR

Insert the name of the Contractor
Example: Conway

CONSTRUCTION FOREMAN

Insert the name of the Construction Foreman
Example: J. Henry

FIELD SKETCH AND COMMENTS

Provide comments and a sketch if not included in as-built drawings.