

Water Infrastructure

WATER ADDRESS QUERY / SHUTOFF - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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autodesk

WaterShutoff

- Well Stations
- WaterNodes (tc)
 - Hydrant
 - Shutoff Valve
 - Other
- Pipe in GIS
 - 1-3in
 - 4-8in
 - 10-12in
 - 14-20in
 - 22inUP
 - Unk
- Hydrant Branch
- Sanitary & Storm Sewer
 - Storm Sewer Lin
 - StormStr
 - Sanitary Sewer
 - SanitStr
- Parcel Buffers
- LandBase
 - PL
 - PL_ham
- Buildings
- Parcels & Text

WaterShutoff ADDRESS/HYDRANT/VALVE QUERY © 2002 Hunter GIS

STREET

No.

Name

Find Service

List Streets

HYDRANT/VALVE

No.

Find

User Beware

Example

Help

Buffer zone (offset distance = 250 ft)

x: 190,737.911603, y: 1,646,354.732271 (FOOT) Par 1 'PL' selected 1 : 4,000 618 x 489 (m)

Water Distribution - Selected Nodes Count: 22

Zoom	Count	Class	ID
1	1	Hydrant	2596
2	2	Hydrant	296
3	3	Hydrant	297
4	4	Hydrant	298

Parcel/Service Address Report Criteria: mgname like '%N PENNSYLVANIA ST%' Records: 11

Build Buffers Select Within Report Within Remove Buffers

Buffer	Zoom	Count	Address	Shut Off
<input checked="" type="checkbox"/>	1	1	1 N PENNSYLVANIA ST	<input type="radio"/>
<input type="checkbox"/>	2	2	10 N PENNSYLVANIA ST	<input type="radio"/>

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Help

Complete ShowWin ZoomWin

Summary Facility Service

Summary Report Criteria: 'MGKEY=29440' Date: 9/12/2002

TYPE	SERVICES	VALVES
Direct	14	10
Indirect	15	0
Redundant	-	5

x: 190,938.865545, y: 1,646,447.614268 (FOOT) Wz 64 Feature(s) selected 1 : 3,500 541 x 428 (m)

Introduction

This Water Distribution Application is designed to access local and/or remote servers with Base Mapping, Orthophotos, Single Line Street Networks, and Parcel Tax Assessment, Call Centre and Corporate Billing Information more efficiently maintained and shared by others. Published Water Distribution Infrastructure data may be subscribed to Customer Call Centre, Dispatch, 'One Call' and Emergency Response agencies.

Important features and capabilities include:

Distribution Infrastructure

- Layer based schema for water distribution infrastructure
- Integrated hydrant and valve databases
- Integrated Street Intersection and Street Name Zoom Goto functions
- Address based querying for water service and parcel location
- Hydrant number query for access to location and hydrant databases
- List Streets function for rapid address based queries
- List Fields function to assist in generating complex ad-hoc queries
- Integrated multi-function SQL queries and hyper-linked on-screen reporting
- Hyper-linked access to archived design and construction drawings for desktop viewing
- Integrated Data Quality and User Beware features

Construction, Breaks and Maintenance History

- Construction, breaks and maintenance history linked to pipe features or Single Line Street Network

Water Shutoff

- Water shutoff valve query based on connectivity within network topology
- Identifies valves required to isolate the selected feature
- Determines all connected pipe sections, valves and services affected (direct, indirect or redundant)
- List Record function to preview/confirm features selected for isolation
- Results output to the desktop allowing multi-user connection to the application
- Generation of notification lists and mailing labels

Meter Management

- Integrated meter management databases
- Planning period, date based record retrieval for scheduled, backlog, completed and cancelled inspections and testing
- Address based querying for meters and parcels
- Meter number based querying to find location and meter database information
- Possible live links to SCADA and metered flow data for remote monitoring

Work Performance

- Planning period, date based record retrieval for scheduled, backlog, completed and cancelled transaction history
- Integrated links to Customer Call Centre for complaints and work order generation for new services and maintenance
- Hyper-linked access from work orders to infrastructure information
- Capability for live links to automated meter reading and video monitoring
- ODBC/OLEDB links to Corporate Billing and other databases