## **Danville Water As-Built Submission in GIS**

## **Download QGIS**

If you have Esri software, load your CAD data into the supplied File Geodatabase (FDGB) for submission. If you don't have Esri software, an alternative would be QGIS software, a free open-source GIS software. Follow the steps below to download QGIS.

## Download QGIS

5.

- 1. Go to https://www.qgis.org/en/site/ and select the Download Now button
- 2. Select the OSGeo4W Network Installer that is compatible with your version of Windows
- Download .exe file and click to start software download
   a. This will need to be done by your IT staff if you don't have Admin privileges
- 4. When the initial installation Wizard appears click the Advanced Install radio button, then click Next >

	OSGeo4W Net Release Setup Program	۲
	This setup program is used for the initial installation of the DSGeo4W environment as well as all subsequent updates. Make sure to remember where you	saved it.
	The pages that follow will guide you through the installation. Please note that DSGeofW consists of a large number of packages spanning a wide variety base set of packages by default. You can always run this program at any time in the future to add, remove, or upgrade packages as necessary.	of purposes. We only install a
	Express Desktop Install     Express Web-GIS Install	
	Advanced Install	
a.		Back Next > Cancel
Select	Install from Internet on next box, then click Next >	
	Choose A Download Source Choose whether to install or download from the internet, or install from files in a local directory.	۲
	Install from Internet [downloaded files will be kept for future re-use     Download Without Installing     Install from Local Directory	
a.	< <u>8</u> .w	k Next > Cancel

6. Identify Root Directory location (if different from default location), then click Next >

oot Directory	
CNOSGeo4W64	Bjowse
stall For	
All Users (RECOMMENDED)	
OSGeo4W will be available to all users of the system.	
	Create icon on Desktop
) Just Me	Add icon to Start Menu
OSGeo4W will only be available to the current user. Only select this if you lack Admin. privileges or you have specific needs.	

a.
7. Identify Local Package location (if different from default location). Use default Start Menu Name of OSGeo4W, which is recommended, or change to a name of your liking, like QGIS, then click Next >

	Select Local Package Directory Select a directory where you want Setup to store the installation files it downloads. The directory will be created if it does not already exist.		}
	Local Package Directory		
	C:\Users\Owner\AppData\Local\Temp	Biowse	
	Start menu name		
	0SGeo4W		
a.		< Back Next > Cancel	
	Direct Connection for your Internet Connect	tion, then click Next >	
	Select Your Internet Connection Setup needs to know how you want it to connect to the internet. Choose the appropriate settings below.	۲	•
	Direct Connection		
	O Use JE5 Settings		
	Use HTTP/FTP Proxy:		

a.

a.

Proxy <u>H</u>ost Port 80

8.

9. You should see 4 Available Download Sites. Use Shift button to select all (highlighted in blue), then click Next >

<<u>B</u>ack <u>N</u>ext > Cancel

Available Download Sites:		
http://osgeo4w-oslandia.com http://download.osgeo.org http://ttp.osuosl.org http://www.notbit.de		
		Add

10. In the Select Packages box, type FileGDB in the Search box to filter to locate the appropriate packages

Early of Default ■ Af Ordeault ■ Los O Default	Select Packages Select package									4	۲
C Al & Default	Search FileGDB		Clear			О Кеер (	Prev Curr	ОБф	View	Categor	ŋy
	⊟ All ∲ Default ⊞ Libs ∲ Defa		New	B S Sze	Package						~
		ackages								2	۶.

a.

a.

a.

a. 11. Click the + sign in front of Libs Default to expand folder.

Search FileGDB		Clear				() Кеер	O Prev  Curr	ОБкр	View	Category
Category	Current	New	B	S	Size	Package				
🗆 All 😯 Default										
🗉 Libs 😯 Defau	t									
		Skip	nja	nja	2,970k	gdal-dev-filegdb: OGR FileGDB Driver (nightly master)				
		Skip	nja	nja	2,938k	gdal-filegdb: OGR FileGDB Driver				
		Skip	nja	nja	2,925k	gdal2filegdb: OGR FileGDB Driver				
										>
	kages									

12. You will see 3 Packages available. Click on the word Skip for each Package until it shows a version number, similar to below, then click Next >

earch FileGDB		Clear				() Кеер	O Prev  Curr	ОБф	View	Category
Category	Current	New	B	S	Size	Package				
E All 😯 Default										
🗆 Libs 🚯 Def	ault									
		3.3.0-97	$\boxtimes$		2,970k	gdal-dev-filegdb: OGR FileGDB Driver (nightly master)				
		<b>3</b> .1.4-3	$\boxtimes$		2,938k	gdal-filegdb: OGR FileGDB Driver				
		<b>Q</b> 2.4.3-1			2,925k	gdal2filegdb: OGR FileGDB Driver				
										>
Hide obsolete p	ankanee									

13. Click the radio button 'I agreed with above license terms', then click Next >. You will do this a few times, as each component/package being downloaded has their own license agreement

GR FileGDB Driver (gdal-filegdb), OGR FileGD	IB Driver (gdal-filegdb), OGR FileGDB Driver (gdal-filegdb), OGR FileGDB Driver (gdal-f	filegdb)
opyright © 2014 ESRI		^
Il rights reserved under the copyright laws of ti pplicable international laws, treaties, and conv		
ou may freely redistribute and use the sample odfication, provided you include the original o istrictions.		
	ED "AS IS" AND ANY EXPRESS OR IMPLIED VARRANTIES OF MERCHANTABILITY AND FITNESS VIMED. IN NO EVENT SHALL ESRI OR	~
I agreed with above license terms		Print

a.

14. Software will download. When completed, click Finish button to close wizard