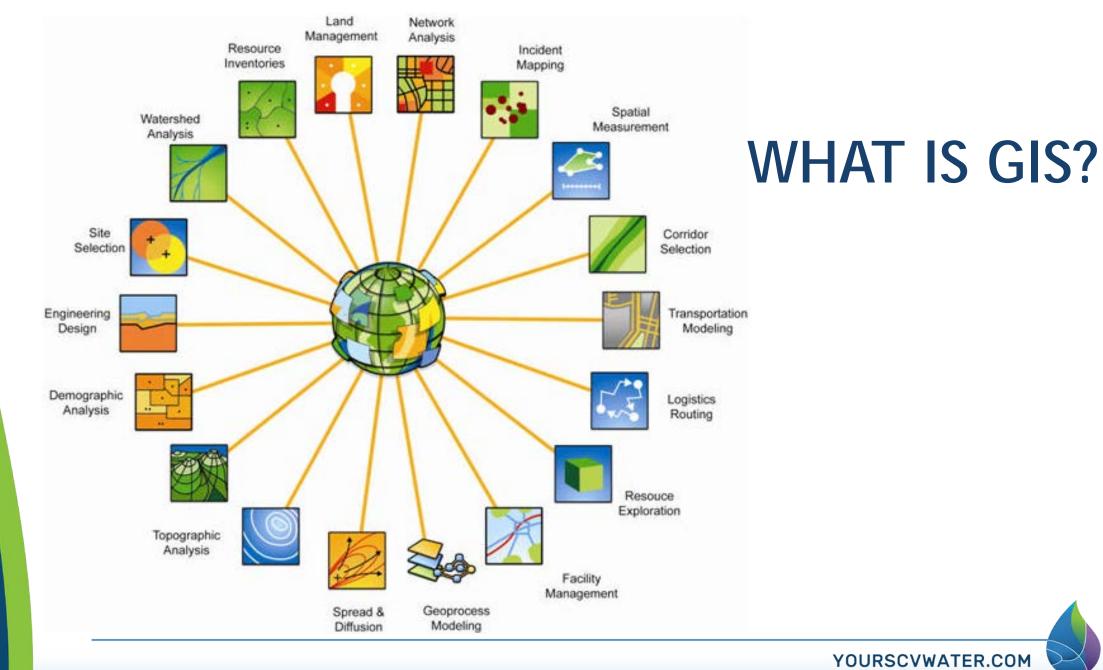


GIS

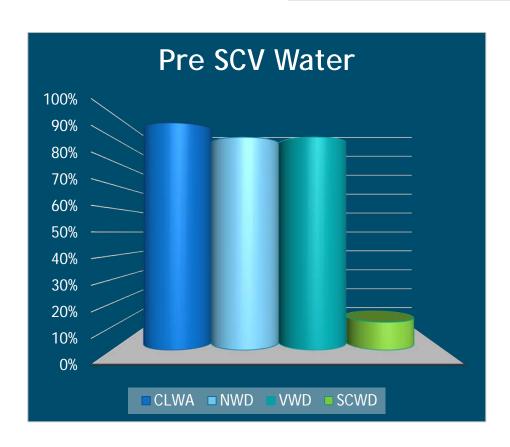
The Science of Where

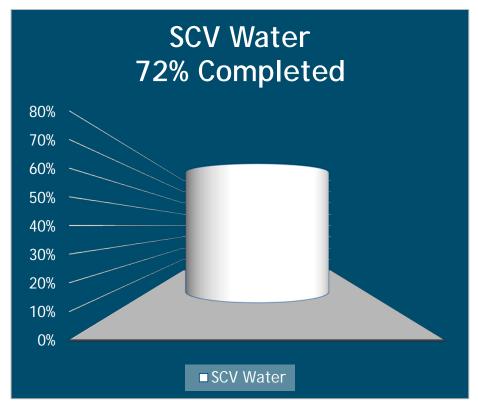




PRE/POST MERGER

GIS Data Completion







WHERE WE WERE





- 9GB of data
- Lack of consistency
- Independent water system models





- 600MB of data
- Consistent
- Model organized



THEN

NOW

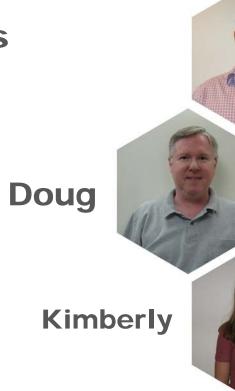
Contractors/Consultants











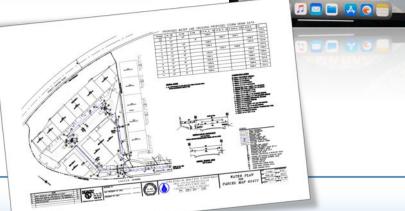


Melissa

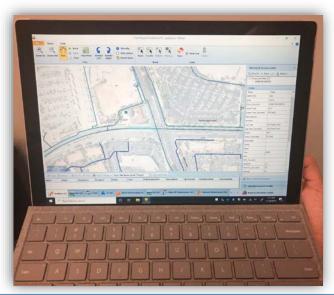
Field/Mobile Work Orders







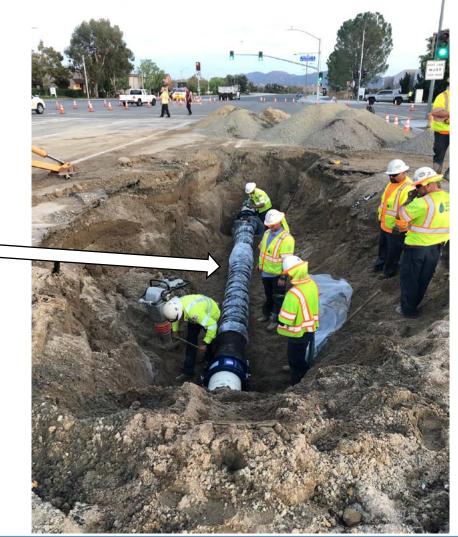






Field/Mobile Work Orders

ASSET ID	PL-18000
DIVISION	VWD
WATER TYPE	POTABLE
INSTALL YEAR	1996
PRESSURE ZONE	ZONE I
DIAMETER	16"
MATERIAL	POLYVINYL CHLORIDE PIPE
CLASS	C-900
TRANSMISSION	NO
CURB OFFSET	5'
CENTERLINE OFFSET	35'
RECORD DRAWING No.	W-5-505
MANUFACTURER	DIAMOND PLASTICS
ATLAS No.	NW-C9
RECORD DRAWING	https://scvwdadmin.sharepoint.co
HYPERLINK	m/W-5-505.pdf
GIS GUID	F4809B6A
MAXIMO ID	124826





Survey Grade Field Data Collection









Survey Grade Field Data Collection

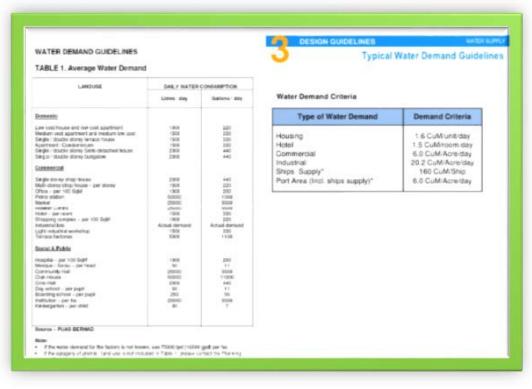






Water Demand Factor Analysis



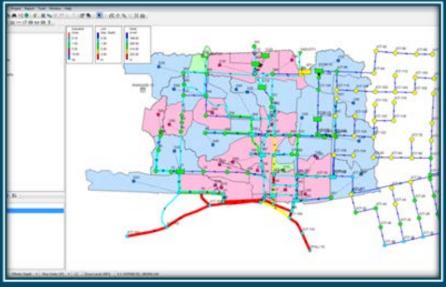




Hydraulic Modeling

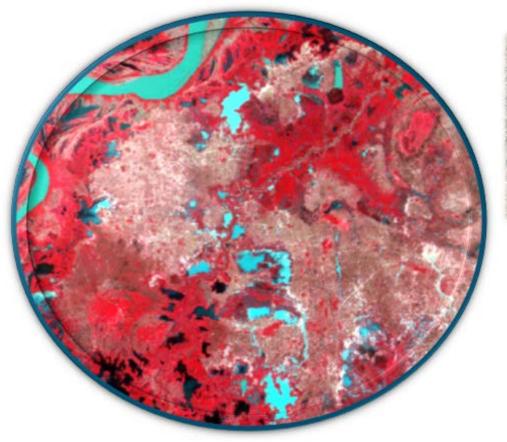




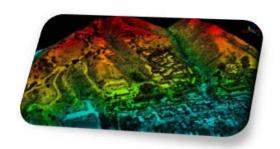


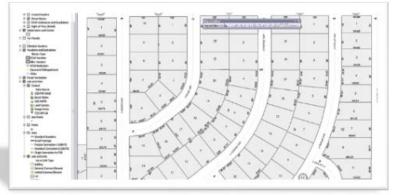


Lot Line/Landscape Correction











WHERE ARE WE GOING?

- Asset Management
- Water Quality Modeling
- SCADA Connectivity (Water System Analytics)
- Production Work Orders
- Customer Information System (Meter AMI)
- Enterprise Resource Planning (Inventory)
- 3rd Dimension
- Indoor Mapping



