

# Local Government Industry Accelerator



## Local Government Industry Accelerator

TechAir Group's Industry accelerator enables local government organizations to quickly Modernize their Applications on Microsoft's secure Government Community Cloud. The Local Government Industry Accelerator allows you to implement, extend or model after sample applications to deploy business processes and secure workloads. This accelerator helps to issue permits and improve processes in their Land Management, Building and Environmental Services departments. These departments can use Dynamics to track their emails and communications as well as PowerApps to drive process efficiency. This allows the collaborating departments to know what is happening in real time on any given project. This functionality can be extended out to a Citizen Portal or integrated to your Content Management System of choice.

This accelerator helps government organizations to digitize this process within days using our low-code, no-code platform capabilities. The accelerator includes the following features via a model-driven app:

- Efficient permit process
- Allowed better visibility across different departments
- Enabled easy tracking of communications and inquiries
- Centralized data and eliminated the need for paper notes

## Heightened Data Security

The permitting process as part of the TechAir group Industry accelerator puts the full strength of Microsoft Power Platform to use, helping government organizations to manage their data, track communications and inquiries and streamline their permit process, and allow better transparency across departments.

## Site map extensions

You can use the TechAir group industry accelerator with a model-driven app for Microsoft Dynamics 365. You can add additional model driven or canvas-based functions.

When the accelerator is installed into a model-driven app for Dynamics 365, it enables you to optimize permitting processes. You can also leverage the entire solution within the Dynamics 365 app or Microsoft Teams.

The data model is developed in collaboration with partners, industry experts, and open initiatives to ensure interoperability and to accelerate permitting process. Government organizations can build their business processes on top of the entities in the accelerator.

## Entities, workflows, and ArcGIS functionality

This accelerator includes these entities to support the permitting process.

### Base and Admin

- Account
- Administrative Permits
- Contact
- Complaints
- Complaint types
- Cost recovery invoices
- Cost recovery records
- Departments
- Invoice Details
- LM Qualified Employee
- Permit Number Configurations
- Receipts
- Scheduled Fees
- Site Addresses

### Agriculture

- Ag Preserves
- Ag Preserve Expire/Renews
- Ag Structure Permits
- Feedlot Approvals By

### Building

- Building Eligibilities
- Building Permits
- Building Permit Types
- CUP/IUPs
- CUP/IUPs Reviews
- Curtain Drain Inspection
- Engineering Invoices/Claims
- Minor Subdivision
- Ordinance Amendments
- SSTS Construction Inspections
- SSTS Construction Permits
- SSTS Curtain Drain Monitoring
- SSTS Curtain Drain Readings
- SSTS Disposal Sites
- SSTS Existing System Inspections
- SSTS Inspectors
- SSTS Maintenance Records
- SSTS Operating Permits
- SSTS Qualified Employee
- SSTS Setbacks
- SSTS Soil Treatment Type
- SSTS System
- SSTS System Types
- SSTS System Subtypes
- Staff Hours
- Use Permits Type
- Use Permit Subtypes
- Uses of Building
- Variance/Appeals

### Land

- Potential Water Projects
- Water Projects
- Water Project QE's
- Water Project Application Reviews
- Water Project Inspection
- Water Project Final Inspections

## Workflow

- Wetland Permits
- Wetland Site Visits
- Administrative Permit:
  - Create New Water Project from Admin Permit
  - Update Ag Preserve Latest Enrollment Date
  - Update Ag Preserve Latest Expire Date
- Water Project:
  - Create Cost Recovery Record on Permit Create
- Complaints:
  - Update Referred to Attorney Date
  - Uncheck Priority Box when Status is changed to Resolved
  - Uncheck Priority Box when Status is changed to Resolved
- Water Project Inspection:
  - Notify when a new WP Inspection Record is created
- Water Project Final Inspection:
  - Add WP Name to Final Inspection form
- SSTS Construction Permit:
  - Update Installer details from Account record
  - Update Designer Details from Account Record
  - Construction Permit Finished
  - Update SSTS Construction Permit with System Details from System Record
  - Update Current PID on SSTS Construction Permit if Current PID on System Changes
  - New Construction Permit Closed-Stop Workflow if Abandoned or Not Active
- SSTS Existing System Inspections:
  - Existing System Inspection
  - Noncompliance Inspection
  - New Existing System Inspection
- SSTS Maintenance Records:
  - Update SSTS System Last Pumped Date

# ArcGIS



## Forms

The TechAir Group Industry accelerator combines standard Dynamics 365 entities with customized entities to make it easier to build solutions. This section describes some of the forms and views that demonstrate the new entities and the data model.

## Base and Admin

Active Administrative Permits

Number	Current PID	Permit Type	Permit Status	Date Issued	Date of Application	Property Owner Name	Site Address Street	Site Address City
A20200038	100500300	Other	Closed	---	12/11/2020	---	840 Angel Avenue Southwest, ...	WATERTOWN
A20200037	100010400	Driveway	Issued/Approved	12/11/2020	12/11/2020	---	2080 County Road 127, WATERT...	DELANO
A20200027	20320911	Driveway with Wetland ...	In Progress	---	12/11/2020	---	17655 102nd Street, CAMDEN T...	NORWOOD YOUNG AM...
A20200012	202000170	Driveway with Wetland ...	In Progress	12/18/2020	12/10/2020	---	712 4th Street West, CARVER	CARVER
A20200004	90020300	Grading/Filling	Application Review	---	12/8/2020	---	10970 North Shore Road, WAC...	WACONIA

100010400 Parcel

General Related Land Management Records Related Planning & Water Records Related Environmental Services Re... PI Data Notes Related

**GIS Data**

Parcel ID Number\* 100010400 Watershed District ---

Foodplain (Parcel) District Code ---

Shoreland (Parcel) Zoning District ---

Possible Bluff (Parcel) Secondary Zoning District ---

Last Updated from GIS ---

PI ID Identity ---

**Property Owner Information**

Name ---

Street ---

City ---

State --- ZIP Code ---

**Site Addresses**

Site Address 2080 County Road 127, WATERTOWN TOWNSHIP 100010400 2080 County Road 127, W... DELAN

**GRM Data**

Deeded Acres ---

**Legal Description**

Section ---

Township ---

Range ---

Legal Description ---

Last Updated from GRM ---

**Related Records**

GIS Link [http://...](#)

GIS Link [http://...?plan=100010400](#)

SS75 HOLD? No

**Complaints**

Complaint Num. C20200026 C20200027

Complaint Status Referred to Attorney Under Investigation

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**Minor Subdivisions**

Minor Subdivision (Parent Parcel) ---

Minor Subdivision (Child Parcel) ---

Child Subdivision Record ---

Child Subdivision Record ---

2080 County Road 127, WATERTOWN TOWNSHIP Site Address

General Notes Related

Site Address 2080 County Road 127, WATERTOWN TOWNSHIP

CC Public Address ID ---

Parcel 100010400 City-Township ---

Land Use ---

**Address**

Street Address 2080 County Road 127, WATERTOWN TOWNSHIP State MN

City DELAND ZIP Code 55128-9010

**Created and Modified on**

Created On 12/10/2020 12:23 PM Modified On 12/10/2020 1:07 PM

## Agriculture

Active Ag Preserves

AG	Number	Current PID	Status (benefit eligible)	Acres Enrolled	Deeded Acres	Enrollment Date	Expiration Date	Latest Enrollment	Latest Expiration	Property Owner Name	Site Address Street	Site Address City
	A32020014	20100211	Yes	10.000	100.00	12/16/2020	---	1/2/2021	12/31/2020	---	7120 Union Avenue, CAMDEN T...	MAKER
	A32020006	90320000	No	---	---	---	12/12/2020	12/11/2020	---	---	10970 North Shore Road, WACO...	WACONIA

**AZ0200018**  
Ag Structure Permit

100500300 Application Review Animal Confinement Barn Structure Type

Parcel Information Fee Information Notes Related

**Parcel Information**

Original PID: 100500300  
Current PID: 100500300  
Deeded Acres: ---

**Site Address**

Site Address: 840 Argel Avenue Southwest, WATERTOWN TOWN...  
Street: 840 Argel Avenue Southwest, WATERTOWN TOWNSHIP  
City: WATERTOWN  
State: MN  
Zip: 55388

**Property Owner**

Name: ---  
Street: ---  
City: ---  
State: ---  
Zip Code: ---

**Permit Details**

Permit Number: AZ0200018  
Structure Type: Animal Confinement Barn  
Other Type Description: ---  
Permit Status: Application Review  
Date of Application: 12/11/2020  
Estimated Value: ---  
Size of Building: ---

**Project Location**

Floodplain (Permit):   
Shoreland (Permit):   
Resource Start (Permit):

Description: ---

**Permit Requirements and Approvals**

Setback Requirements Met:  Zone Approved by: ---

**Relationships**

Online Link: [http://...](#)

**GIS Control**

It Permit Placed: **Yes**

**Related To:**

CUR/Variance #: ---

**Active Feedlot Approvals By**

Department of Water and Environmental Regulation's 12/30/2020 9:44 AM

## Building

**Active Building Permit Types**

Use of Building	Use of Building	Use of Building	Use of Building	Use of Building
Commercial	Business and personal service uses	No	Building Permit	Yes
Special Hazards	Industrial uses	No	Building Permit	No
Residential	Residential uses	Yes	Building Permit	No

820200017 Building Permit

10270700 Application Review Residential Building Permit Type

Permit Information: Permit Refund, Release or Expire, Notes, RI Import Data, Tab Related

Parcel Information: Original PD 10270700, Current PD 10270700, Deded Area ---

Site Address: 11280 150th Street, BENTON TOWNSHIP, COLOGNE, MN, Zip 55322-9144

Property Owner: Name ---, Street ---, City ---, State ---, Zip ---, Home Phone ---, Work Phone ---

Applicant (if different than Owner): Name ---, Street ---, City ---


Permit Details: Permit Number 820200017, Permit Status Application Review, Use of Building Residential, Building Permit Type Residential, Application Date 12/11/2020, Primary Occupancy Group U - Institutional, Mixed Occupancy Group U - Institutional, Type of Construction I-B, Construction Subtype N, Structure Dimensions ---

Description ---

Project Location: Label ---, EUP  Floodplain

Setback Requirements: Front Setback by Class of Road Collector 80', Front Setback 2 by Class of Road Local 40', Setback Rear 30 Ft from property line, Setback Side 15 Ft from property line

Relationships: Database Link, City ---

GIS Control: 

Contractor: Number Self, Contractor ---, Contractor ---

Requirement/Approval: Setback No. ---, Approved By ---, Setback Signoff ---, Approved By ---

## Land

Active Water Projects

WP2200005 Well Sealing Under WMD Review 10870 North Shore Road, WACONIA TOWNSHIP MN 55309 CRM Appln

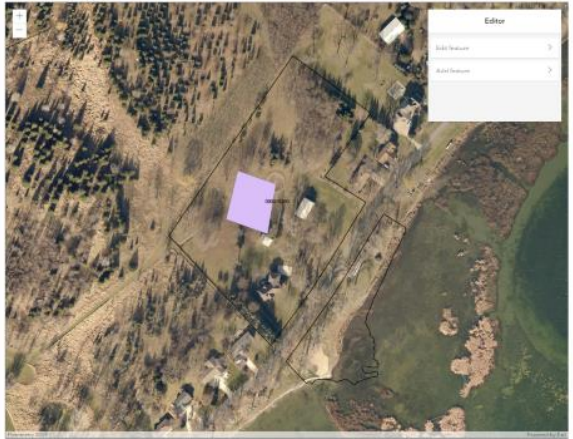
Land: Potential Water Project, Water Projects, Water Project QCL, Water Project Applic., Water Project Inspect., Water Project Final In., Wetland Permits, Wetland Site Visits

WP2200005 Water Project

General Property Information, Permit Details, Fee Payment & Surety Information, Stormwater BMP Information, Project Closeout Information, Notes, Related

Permit Details: Owner CRM Admin, Water Project Number WP2200005, Project Name ---, Project Type Well Sealing, Project Type (if Other) ---, Date of Application 12/9/2020, Permit Status Under WMD Review, Permit Level Erosion and Sediment Control Permit, Permit Load Reasoning ---, Disturbed Area Acres ---, New Impervious Acres ---, Reconstructed Impervious Acres ---, Site Size Acres 20.00, Location ---, LCU Wacoma

Related Permits: Administrative Permit Number 820200017, Related Water Project ---, Related Wetland Permit WP2200003

GIS Control: 

Permit Review and Approval: Date of Complete Application ---