

Permits Dataset

- SQL View
- Point featureclass of issued permits from permitting software (EnerGov)
- Limited to permit applications since the fire date (3/21/2017)
- Includes permit type, status, description of work, valuation, hyperlink, etc.
- Unioned issued permits with permit applications (also from EnerGov) to get more of a complete story

Permits Dataset - Limiting and Extending

...joining datasets in the view using STIntersects

- Limiting:
 - Joined SQL View to City Place Control Area polygon to limit the information to only our area of interest
- Extending:
 - Joined to Property dataset to get current owner information updated daily
 - Joined to City Place Fire Damage polygons to get Damage Assessment information

SQL Join with STIntersects →

```
select
  FC.[OBJECTID]
  ,PROP.Own1Name as PropOwn1Name
  ,FIRE.DamagePrivate as Damage
  ,FIRE.AccessPrivate as Access
  ,FC.[CaseNumber]
  ,FC.[PermitType]
  ,FC.[SquareFeet]
  ,CONVERT(DATE, FC.[ApplyDate], 101) AS Application_Date
  ,CONVERT(DATE, FC.[IssueDate], 101) AS Issue_Date
  ,CONVERT(DATE, FC.[ExpireDate], 101) AS Expiration_Date
  ,CONVERT(DATE, FC.[LastInspectionDate], 101) AS Last_Inspection_Date
  ,CONVERT(DATE, FC.[FinalizedDate], 101) AS Finalized_Date
  ,FC.[Valuation]
  ,FC.[PermitStatus]
  ,FC.[WorkClass]
  ,FC.[Description]
  ,FC.[MainAddressLine1]
  ,FC.[MainParcelNumber]
  ,FC.[Link]
  ,FC.[SHAPE]
from
  [dl].[EG_Permits_pt] FC
  inner join [dl].[CityPlaceFireControlArea_pl] GEOG on FC.shape.STIntersects(GEOG.shape) = 1
  inner join [dl].[Property_pl_joco_vwOP] PROP on FC.shape.STIntersects(PROP.shape) = 1
  left join [dl].[CityPlaceFireDamage_pl] FIRE on FC.shape.STIntersects(FIRE.shape) = 1
where
  FC.[XCoord] IS NOT NULL
  and FC.[ApplyDate] > Convert(datetime, '2017-03-21')
  and NOT FIRE.[DamagePrivate] LIKE 'Multiple%'
  and NOT FC.[CaseNumber] IN ('ROW2017-02235','SEP2017-00384','BLD-R-2017-02232','BLD-E-2017-00007')
```

SQL Union →

```
UNION ALL

select
  FC2.[OBJECTID]
  ... SAME INFORMATION FROM ABOVE VIEW
from
  [dl].[EG_Permits_NotIssued_pt] FC2
  inner join [dl].[CityPlaceFireControlArea_pl] GEOG2 on FC2.shape.STIntersects(GEOG2.shape) = 1
  inner join [dl].[Property_pl_joco_vwOP] PROP2 on FC2.shape.STIntersects(PROP2.shape) = 1
  left join [dl].[CityPlaceFireDamage_pl] FIRE2 on FC2.shape.STIntersects(FIRE2.shape) = 1
where
  FC2.[POINT_X] IS NOT NULL
  and FC2.[Application_Date] > Convert(datetime, '2017-03-21')
  and NOT FIRE2.[DamagePrivate] LIKE 'Multiple%'
  and FC2.[Case_Number] NOT IN ('ROW2017-02235','SEP2017-00384','BLD-R-2017-02232','BLD-E-2017-00007')
```