

Enforcement Data Sharing Update – April 18, 2016

Overview

In 2015, the City of Boulder completed an interdepartmental project to improve the enforcement data sharing capabilities between the Boulder Police Department (BPD), Boulder Municipal Courts, and Planning & Development Services (P&DS). The project addressed both changes in data schemas in existing databases and the addition of the BPD Code Enforcement Database (CitizenServe) in order to support faster and more effective collaboration and communication among city staff and the community.

These data systems contribute to the [Property Search for Summary of Enforcement Activity webpage](#) and the associated report, which staff also updated based on user feedback. Anyone can use this search page to learn about summonses and enforcement activities for a specific property in the city.

The updated data systems include:

- Summary of Enforcement Activity Report – An external reporting application that returns information relating to quality of life violations, complaints, summonses and citations that occurred in the past 24 months for a specific address. The report pulls information from P&DS, BPD and Municipal Courts databases.
- P&DS Enforcement Database – An internal city database that aggregates data from BPD, Municipal Courts and P&DS databases.
- BPD Code Enforcement (CitizenServe) Database – an internal city database that tracks nuisance code violations that affect public safety and quality of life.
- Municipal Court (Full Court) Database – an internal city database used to track court case activities.
- LandLink Replacement Plus Project – A project to replace the LandLink development and information tracking system with a new GIS centric system built on modern technology.

Specific improvements, including those made to the Property Search for Summary of Enforcement Activity, are summarized below.

Property Search for Summary of Enforcement Activity Web Page

1. Added link to a [PDF](#) of the list of violation types in the Summary of Enforcement Activity Report including a link to the Boulder Revised Code.
2. Updated the webpage to reflect the shift of enforcement program resources and responsibilities.
3. Enhanced the address search function to improve results from the BPD and Municipal Courts databases.
4. Improved the search function to be based on verified addresses.

Summary of Enforcement Activity Report

1. Modified the report and associated scripts to connect with new data schemas from the BPD Tiburon database and Boulder Municipal Court Full Court database.
2. Changed the information in the report header to reflect current enforcement responsibilities.
3. Revised the report to only display quality of life cases.
4. Simplified the report to show consistent information where possible, grouped multiple violations together by citation number, revised text in the report to highlight investigations versus citations or summonses, added text to explain data nuances.
5. Removed duplicate information. Previously infractions that progressed to the court system may have continued to show up in the investigative sections of the report. Now infractions that move to the court section are removed from the investigative section. In addition, reported infractions where violations were not found do not display on the report.
6. Changed the report viewer from a Crystal Report viewer to a .pdf viewer improving the visibility of additional pages in multi-page report.

P&DS Enforcement Database

1. Modified the database connection to BPD Tiburon database and Municipal Court Full Court database to be compatible with new data schemas. Added a data connection to the BPD Citizen Serve database.
2. Improved reporting capabilities by updating entries in the quality of life report to match the Summary of Enforcement Activity report.

BPD Code Enforcement (CitizenServe) Database

1. Developed process to update parcel and rental housing data in BPD CitizenServe database.

LandLink Replacement Plus Project

1. The city purchased Tyler's EnerGov software to replace the existing LandLink development and information tracking system. Future BPD Code Enforcement and P&DS Code Compliance data will be stored in EnerGov.
2. Completed Assess and Define for BPD Code Enforcement, P&DS Code Compliance and nuisance abatement business processes.
3. EnerGov configuration of BPD Code Enforcement process & P&DS Code Compliance are in process.

4. Future enhancement - BPD and P&DS will utilize EnerGov's iG Enforce mobile application using iPads when EnerGov goes live in the Spring of 2017. This will enable staff to streamline the enforcement process and proactively manage cases.