



SSO TRACKING

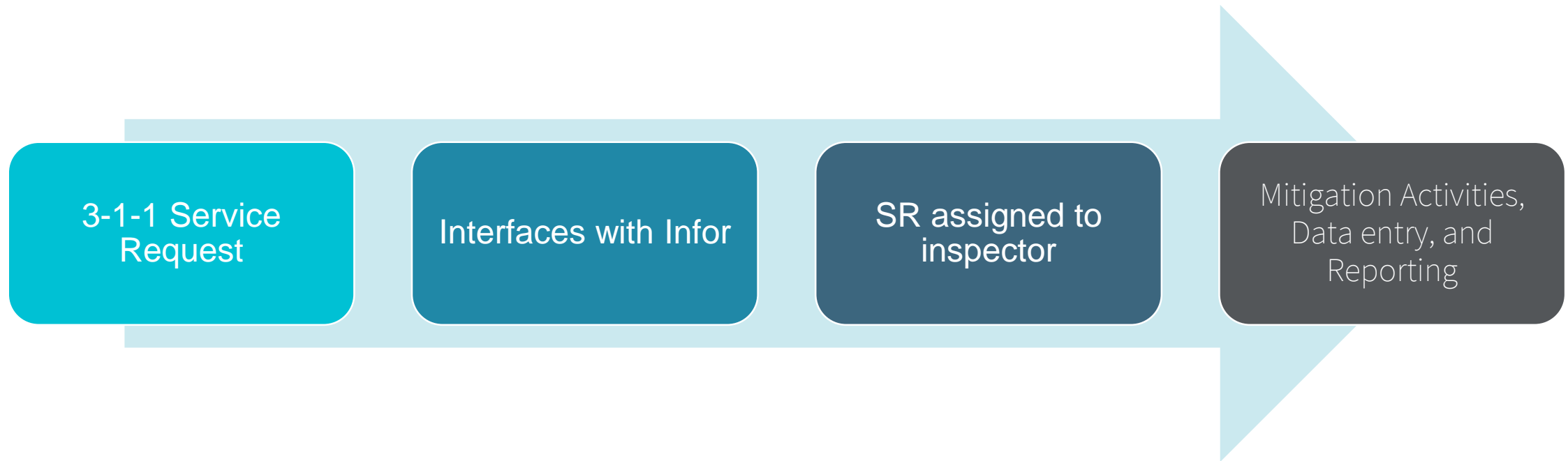
PRESENTED BY LISA MONTEMAYOR
**HOUSTON WATER
REGULATORY COMPLIANCE**



HOW COH TRACKS SANITARY SEWER OVERFLOWS

-BENEFITS OF DATA CAPTURE

SSO FLOW



General SSO process

SSO DETAILS SCREEN

my intror Lookup Incidents (INLI) [Incident Infoviewer](#)

Form Code

Incident # Incident Date
Incident Type Status
Incident Problem

Information Summary Location Assets Persons Vehicle Details Tasks Associations Comments Attachments **PUDSSODet**

SSO Details

SSO Type Cause Type of Structure
Location on Property Potential Impacts Observed Flow Route
Receiving Water Ground Conditions at Location of SSO Potential Danger to Human Health/Safety/Environment
Manhole UFID Manhole # Treatment Plant Wet Weather

SSO Action Taken (3 records)

Action	Action Date	Comments
<input type="checkbox"/> Cleared Private Line	5/28/2020	
<input type="checkbox"/> Cleaned and Disinfected	5/28/2020	
<input type="checkbox"/> Notified Health Department (COH-DHHS)	5/28/2020	

DATA CAPTURED BY INFOR

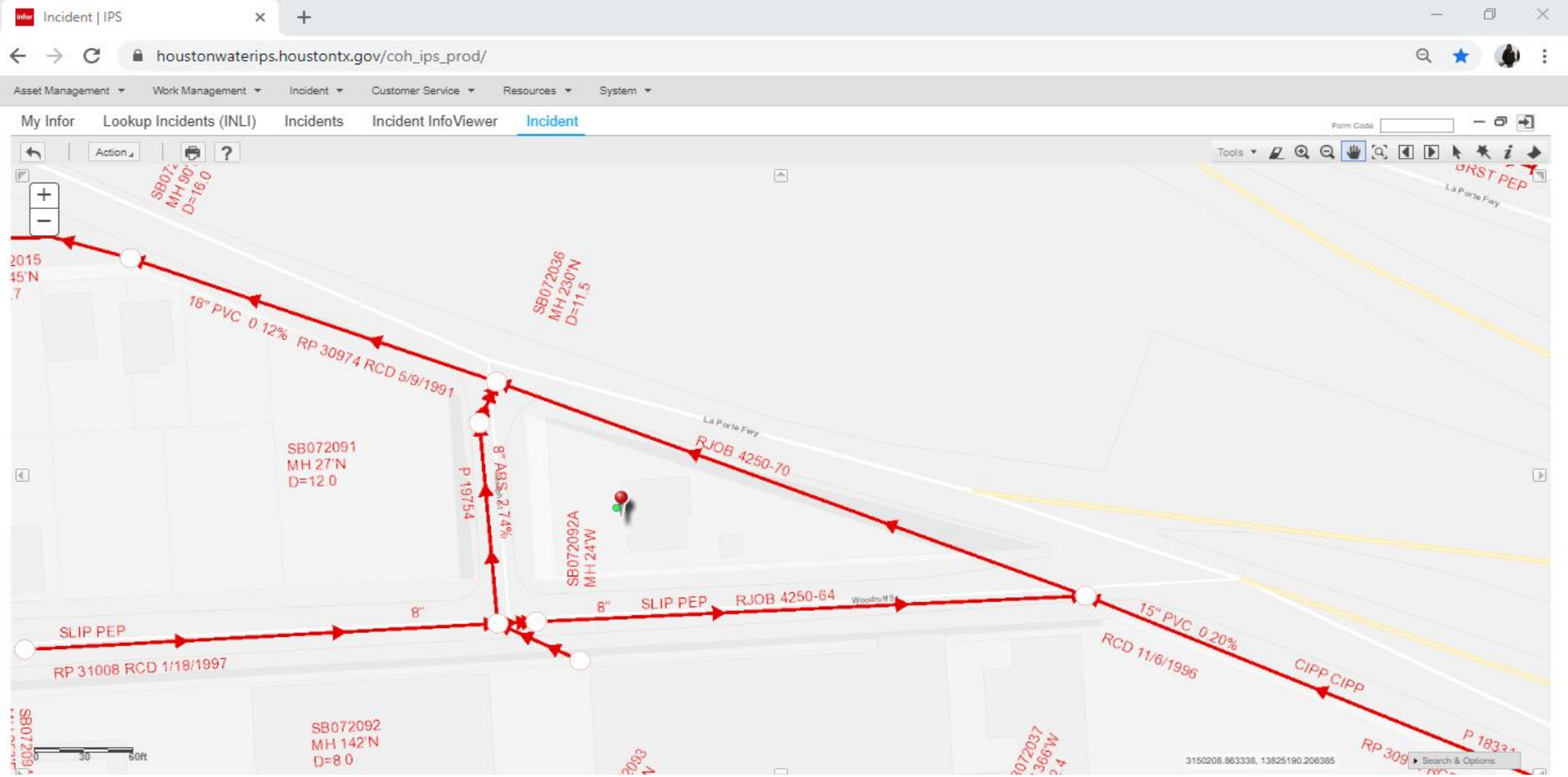
Required data for TCEQ reports

- Nature of SSO (location, volume, source, route)
- Potential Danger
- Date/Time/Duration
- Steps Taken to Prevent Recurrence and Mitigate Adverse Effects

Additional Data

- Resource Usage (man hours, vehicle usage)
- Photo and File attachment
- Associated work orders (repairs, inspections, etc)
- Many other things...

ONE OTHER COOL FEATURE - INTEGRATED MAPPING APP



EXAMPLES OF REPORTS PRODUCED BY INFOR

SAMPLE REPORT – REGULATORY (5 DAY WRITTEN)

City of Houston - Houston Water

Page 2 of 10

Weekly SSO Report

5/8/2020 - 5/14/2020

Weekly Report Control No. 20-20

WWTP: 69TH ST
2525 S/Sgt Macario
Garcia

EPA Permit: TX0096172
TCEQ Permit: 10495-090

SSO ID #	Address / Type of Structure / Location on Property	Manhole	Start Time / Duration / End Time	Observed Flow Route	Potential Danger	Raw Sewage Volume (gallons)	Cause	Mitigation Actions	Recurrence Prevention	Comments
3947	1211 NASHUA ST 77008 (1,1) / Gravity Main / Open Unpaved Area		Non-Observed May 08, 2020	Bayou/surface water/drainage ditch	No Significant Dangers	0	Collection system structural failure	Set Bypass Pump; Cleaned and Disinfected	Scheduled for Further Repairs	Bypass WO#14894641; Repair to Gravity Main Work Order 14894644
3990	4405 TAMPICO ST 77016 (3133482,1386847 8) / Manhole / Parking Lot	IB069023	Non-Observed May 12, 2020	Contained On Site, not within 5 ft. of Bayou/Surface Water/Drainage Ditch	No Significant Dangers	0	Grease Blockage	Cleared Main Line; Cleaned and Disinfected	Notified Health Department (COH-DHHS); Referred to Preventative Maintenance Cleaning and Analysis	
3999	5606 CHAPMAN ST 77009 (1,1) / City Cleanout / Back of Curb / Off Pavement		Non-Observed May 13, 2020	Contained On Site, not within 5 ft. of Bayou/Surface Water/Drainage Ditch	No Significant Dangers	0	Grease Blockage	Cleared Service Lateral; Cleaned and Disinfected	Educate Property Owner	
4004	5910 HIRSCH RD 77026 (1,1) / City Cleanout / Open Unpaved Area		Non-Observed May 14, 2020	Contained On Site, not within 5 ft. of Bayou/Surface Water/Drainage Ditch	No Significant Dangers	0	Rags/Wipes	Cleared Service Lateral; Cleaned and Disinfected	Educate Property Owner	

SAMPLE REPORT – SSO TRACKING (EXCEL)

AutoSave On PreviousWeekSSO-monthlyformat-(22-20) - Last Saved 6/1/2020 3:28 PM Montemayor, Lisa - HPW

File Home Insert Draw Page Layout Formulas Data Review View Help Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Add-Ins

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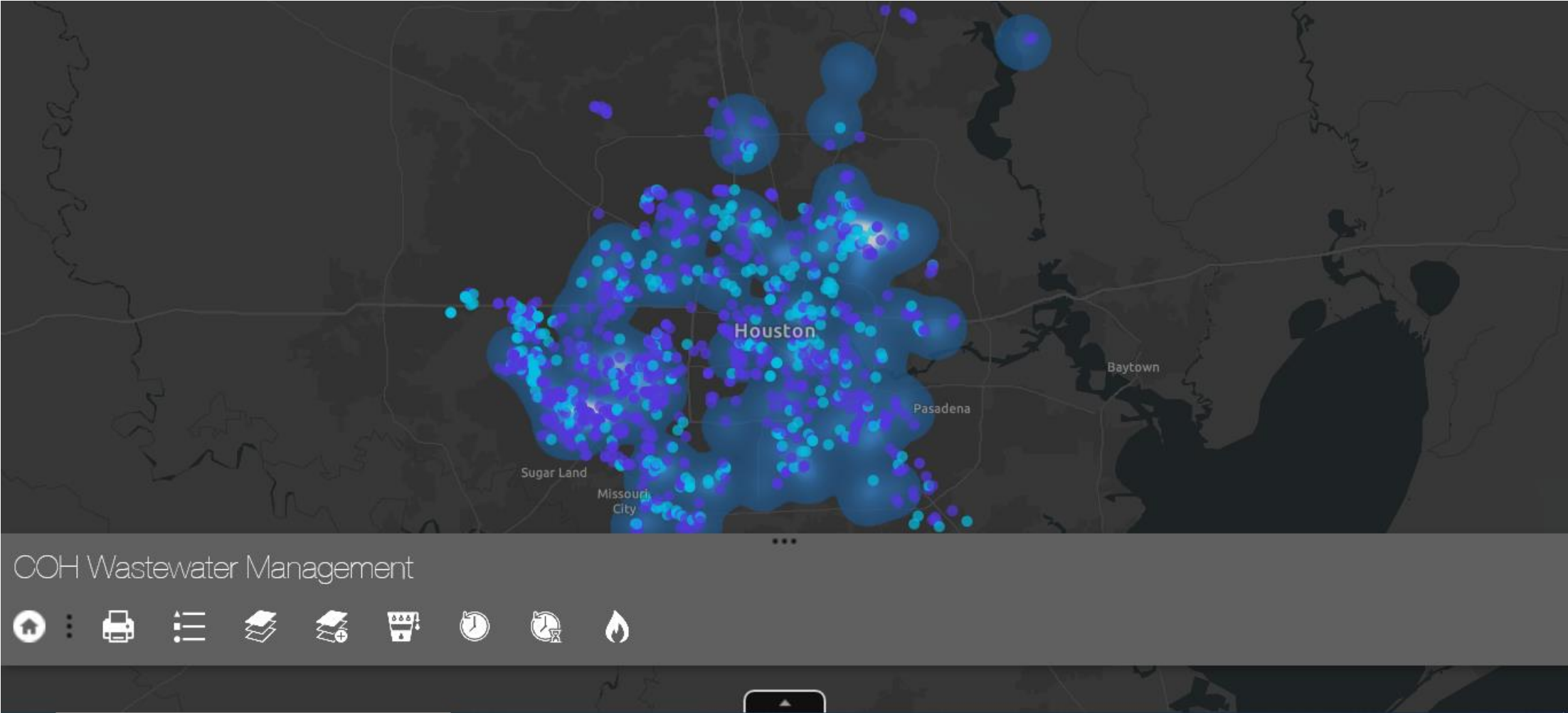
City of Houston - Houston Water
 Previous Week SSO- monthly format
 5/22/2020 - 5/28/2020

SSO ID #	System (Public/Private)	WWTP	Basin	Address	Observed Flow Route	Type of Structure	Manhole	Cause	Volume (gallons)	Corrective Action	Recurrence Prevention	X	Y
4105	Private	69TH ST	I010	307 N ADAMS ST	Contained On Site, not within 5 ft. of Bayou/Surface Water/Drainage Ditch	Private Cleanout		Rags/Wipes	0	Cleared Private Line	Referred to Preventative Maintenance Cleaning and Analysis; Scheduled for Further Repairs	13838160	3135273
4106	Public	FWSD #23	FB032	8031 BLOOMING MEADOW LN	Bayou/surface water/drainage ditch	Manhole	7926001	Collection system temporary blockage	0	Cleared Main Line; Cleaned and Disinfected	Referred to Preventative Maintenance Cleaning and Analysis	13880930	3147396
4113	Public	69TH ST	IB087	4005 TROUT ST	Bayou/surface water/drainage ditch	Service Lateral		Collection system structural failure	0	Cleaned and Disinfected	Scheduled for Further Repairs	13876572	3132528
4111	Public	SIMS BAYOU	SB146	1558 LAWSON ST	Storm Sewer (not contained)	Private Cleanout		Grease Blockage	0	Cleared Main Line; Cleaned and Disinfected	Referred to Preventative Maintenance Cleaning and Analysis; Educate Public	13829990	3134183

PreviousWeekSSO-monthlyformat

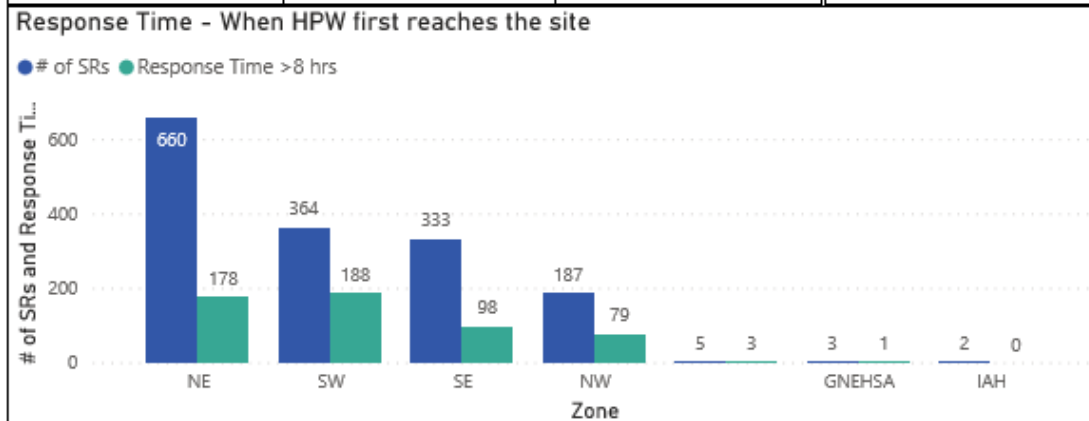
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SAMPLE APPLICATION – WASTEWATER MANAGEMENT

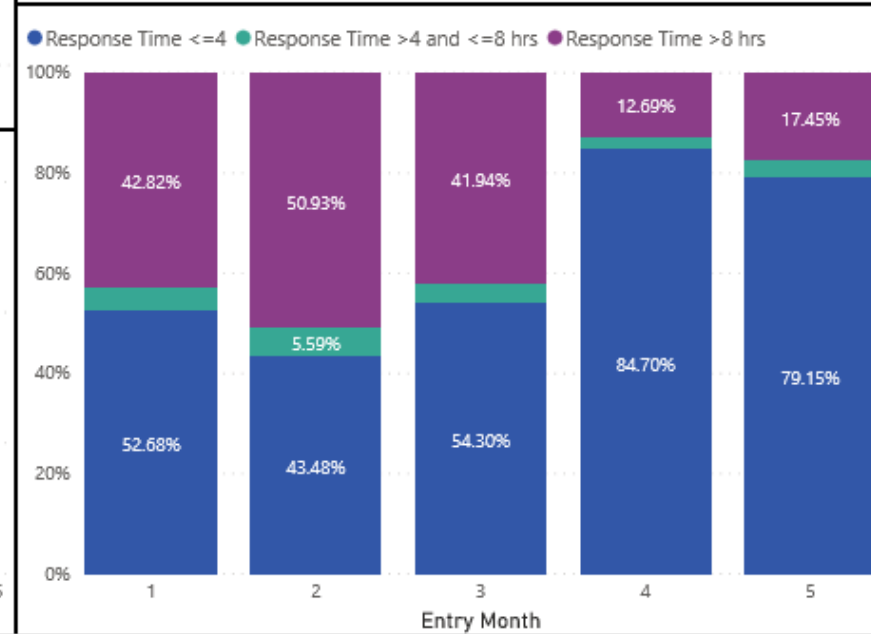
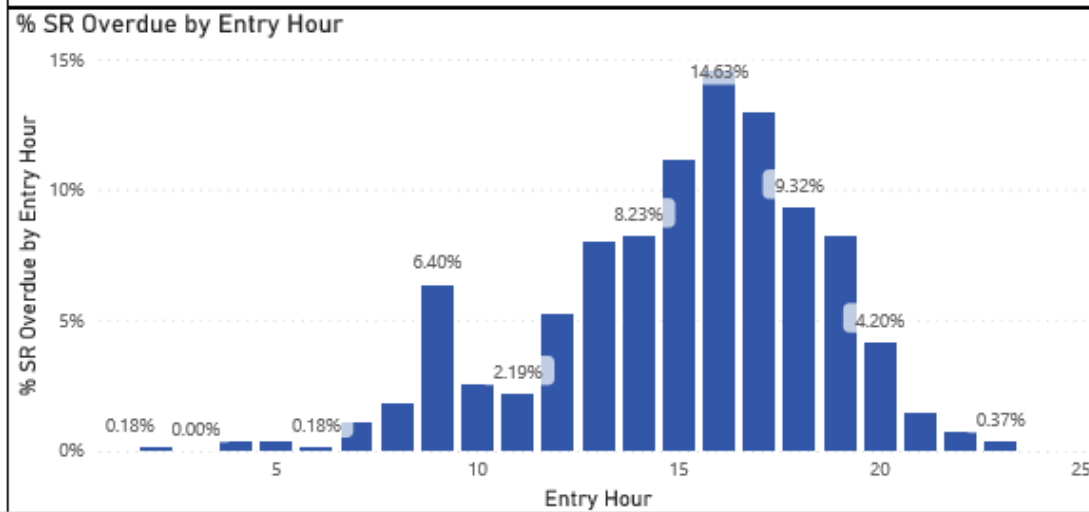


SAMPLE DASHBOARD – RESPONSE TIME

Actual Problem Overflowing Outside	Generated SSO Y	Request Type All	Council District All	Zone All	Entry Year 2020	Entry Date/Time 9/1/2019 6/1/2020
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Zone	Response Time >8 hrs	# of SRs	% of Response greater than 8 hrs
SW	188	364	51.65%
SE	98	333	29.43%
NW	79	187	42.25%
NE	178	660	26.97%
IAH	0	2	0.00%
GNEHSA	1	3	33.33%
Total	547	1554	35.20%





A FEW CHALLENGES

thank you!



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