



Source: Public Works

*John*

Agenda Item No: REP 40-14

To: City Council  
From: City Manager and Staff

*MM*

Council Meeting Date: Apr 21, 2014

Re: Summary of Stormwater Calls for Five Years and Ten Years

**EXECUTIVE SUMMARY:**

Staff has prepared for Council consideration a report concerning the number of stormwater calls received in the last five, and ten years by the Public Works department.

**DISCUSSION:**

Historically, records pertaining to stormwater related calls were kept sporadically; however, since 2004, each call received by stormwater engineering is logged with a description, inspection, and action taken to address the problem. Descriptions of stormwater problems include: house flooding, yard flooding, street flooding, yard erosion, open channel, severe erosion, failing system and illicit discharge. The last three descriptions, severe erosion, failing system and illicit discharge, were added more recently to the database.

Although yard flooding, street flooding and yard erosion are self explanatory, staff has provided additional explanation for the remaining descriptions below:

**House flooding** - stormwater entering doors and windows, in a garage or crawl space, water leaking in the basement or coming up a floor drain.

**Open channel** - concerns about a ditch, creek or drainage way on or near their property.

**Severe erosion** - areas where the erosion has the potential to significantly impact a structure, the foundation or some other infrastructure, such as a road or utility in the near future.

**Failing system** - describes an inlet or pipe system that has holes or is collapsing.

**Illicit discharge** - non-stormwater discharge in a creek or drainage way.

The following table covers a five year period from April 2009 to 2014; and a ten year period from April 2004 to April 2014. A single call could include more than one problem description.

	<u>5 Years</u>	<u>10 Years</u>
<b>Total Calls</b>	<b>805</b>	<b>1656</b>
House Flooding	70	150
Yard Flooding	306	581
Street Flooding	102	198
Yard Erosion	242	526
Open Channel	317	632
Severe Erosion	9	9
Failing System	34	34
Illicit Discharge	52	74

Calls requesting service by stormwater operations, such as unclogging inlets or storm drains, removing sediment and repairing existing inlets and pipes, are not included in the table above, nor are they logged into the engineering maintained database. To date, stormwater operations have responded to 58 requests for service for FY2014.

**FISCAL IMPACT:**

None

**VISION IMPACT:**

<http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php>

None

**SUGGESTED COUNCIL ACTIONS:**

For information only.

<b>FISCAL and VISION NOTES:</b>					
<b>City Fiscal Impact</b> Enter all that apply		<b>Program Impact</b>		<b>Mandates</b>	
City's current net FY cost	\$0.00	New Program/ Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$0.00	Duplicates/Expands an existing program?	No	<b>Vision Implementation impact</b>	
Amount of budget amendment needed	\$0.00	Fiscal Impact on any local political subdivision?	No	Enter all that apply: Refer to Web site	
Estimated 2 year net costs:		<b>Resources Required</b>		Vision Impact?	No
One Time	\$0.00	Requires add'l FTE Personnel?	No	Primary Vision, Strategy and/or Goal Item #	
Operating/ Ongoing	\$0.00	Requires add'l facilities?	No	Secondary Vision, Strategy and/or Goal Item #	
		Requires add'l capital equipment?		Fiscal year implementation Task #	