

Permit & Plan Reviews – by Jurisdiciton

Grading Permits

Post-Construction

Jurisdiction	Reviewer	Email		
City of Bellevue	Dean Dunn	dean.dunn@bellevue.net		
City of Bellevue	Matt Knight	matt.knight@bellevue.net		
City of Gretna	Greg Perry	gregp@olmstedperry.com		
City of Gretna	Steve Perry	stevep@olmstedperry.com		
City of La Vista	Pat Dowse	pdowse@cityoflavista.org		
City of Omaha	Andy Szatko	andy.szatko@cityofomaha.org		
City of Papillion	Derek Goff	dgoff@papillion.org		
City of Ralston	Jerry Chancellor	jchancellor@cityofralston.com		
Sarpy County	Art Beccard	abeccard@sarpy.com		
Sarpy County	Leslie Steele	<u>Isteele@sarpy.com</u>		
Boys Town	Scott Kardell	scott.kardell@boystown.org		
,	Stacy Gillman	stacy.gillman@douglascounty- ne.gov ship & City of Omaha El's do not provide		

Jurisdiction Reviewer Email City of Bellevue Lori Laster llaster@papionrd.org City of Gretna **Greg Perry** GreqP@olmstedperry.com City of Gretna Steve Perry stevep@olmstedperry.com City of La Vista Derek Goff pdowse@cityoflavista.org Selma Selma.Kessler@cityofomaha. City of Omaha Kessler org **Derek Goff** City of Papillion dgoff@papillion.org llaster@papionrd.org City of Ralston Lori Laster Lori Laster Sarpy County llaster@papionrd.org **Boys Town** Scott Kardell scott.kardell@boystown.org Stacy stacy.gillman@douglascounty **Douglas County*** Gillman -ne.gov

List available on Permix & OmahaStormwater.org

^{*}Not part of the Papillion Creek Watershed Partnership & City of Omaha El's do not providinspection services to Douglas County

City of Omaha Environmental Inspectors

- Carol Sorensen Stormwater
- Charla Long Stormwater
- **Eric Grimshaw** Stormwater
- Chris Anderson Stormwater
- Casey Black Sewer Use
- David Nusser Sewer Use
- Mark Ermeling Sewer Use
- Blake Wagner Sewer Use
- Christina Tisko Fats, Oils & Grease
- Jeff Ryba Air Program
- Neil Graybil Solid Waste
- Matt Nusser Solid Waste
- Jenny Proescholdt Under the Sink

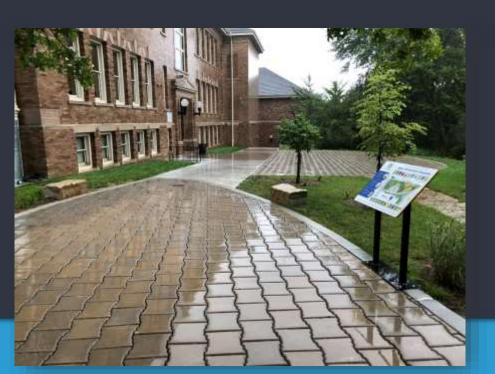
Contact list available on Permix

Omaha Stormwater Program

MS4 Permit (Municipal Separate Storm Sewer System):

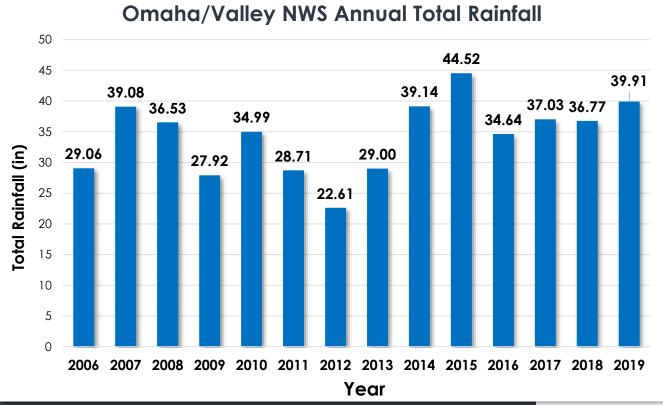
- 8 program elements:
 - 1. Construction
 - 2. Post-Construction
 - 3. Education & Outreach
 - 4. Public Participation

- Industrial Stormwater
- 6. Good Housekeeping
- 7. Illicit Discharge Detection & Elimination
- 8. Monitoring





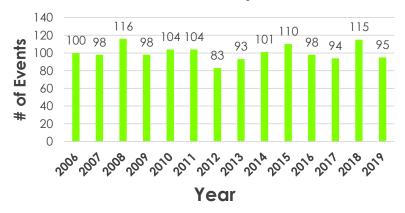
Rain Events for Omaha – past 12+ years





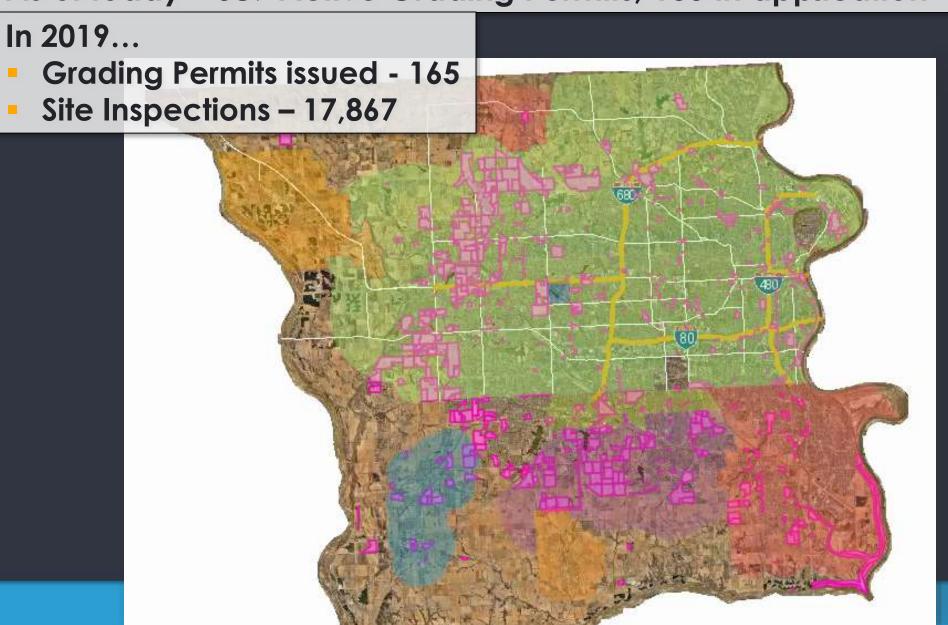
- 30" average annual rainfall
- 21.91" = Total rainfall spread
- 33 = Total event spread
- = you never quite know what you are going to get

Rainfall Events by Year

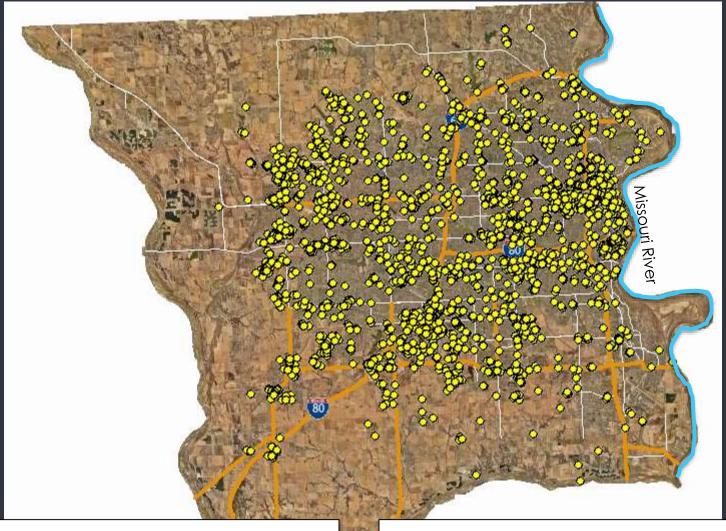


Grading Permits in the PCWP

As of today – 587 Active Grading Permits, 105 in application



Post-Construction BMPs in the PCWP as of 2/4/20

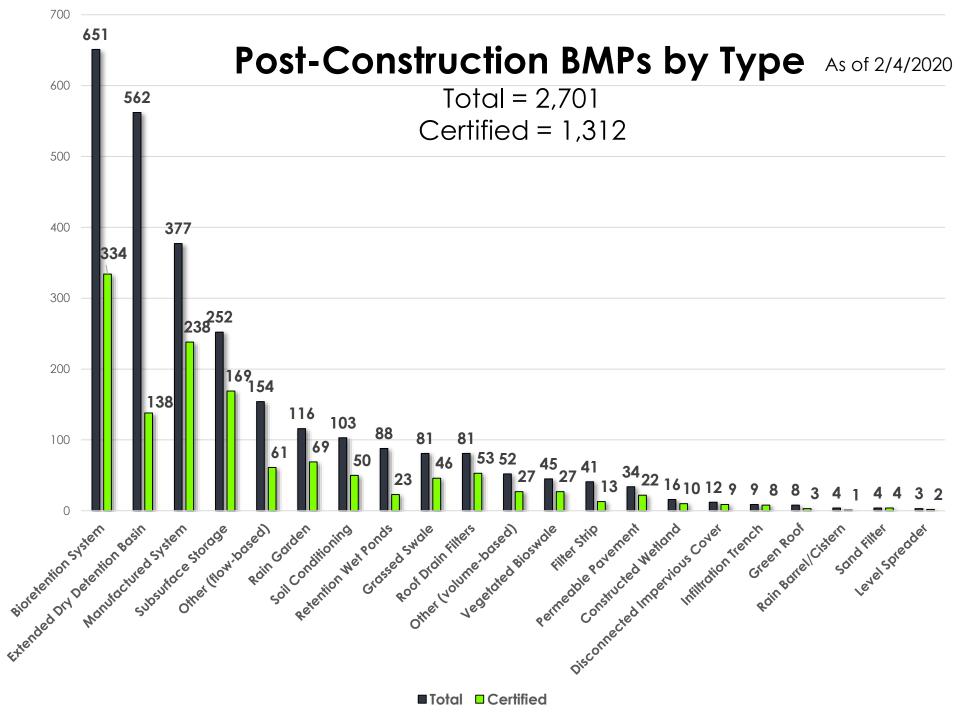


All Statuses = 2,701 BMPs

- 248 BMPs in 2019
- 1,598 total projects

Certified = 1,312 BMPs

- 140 BMPs in 2019
- 835 certified projects





Mythbusters: Grading Permit Edition

Discussing common myths & misconceptions

Stormwater Pollution Prevention Plans (SWPPP) & implementation is getting better



It's just dirt, it's natural...



Plugs sewers, causes flooding, damages adjacent property & environment, & more

The contractor pulls the grading permit

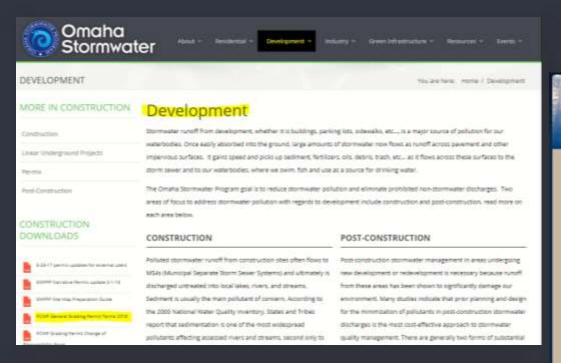
	,	Representative's Email Address		
Representative's Name	Address	Address		
Project # Assigned By APPLICANT	City	State	Zip Code	
Permit Terms (http://www.omahapermix.com); (3) SWPPP is true, complete, and accurate; (4) that, Standards, Criteria, Ordinances, Laws, Rules, and [c] Sarpy County, [d] State of Nebraska, and [e] were used for the creation of this SWPPP; (6) that occur under the terms of this SWPPP; (7) that, the shall indemnify and save harmless the PCWP, its every nature and description growing out of the property damage sustained; (9) that, I will retain	the SWPPP has been repressively. Regulations enacted by the United States Federal Governit, I am obligated to ensure inspirits SWPPP will be implemented as Members, Officers, Agents a implementation of this SWPP	ented and warranted to [a] PCWP and its Mem- ment; (5) that, sound pection, reporting, and red as the first element and Employees from a PP, including personal	o conform to all applicabe nbers, [b] Douglas Count and established practice maintenance requiremen of construction; (8) that, all claims and demands in injuries received and a	

The owner of the property is the applicant

Grading permit approves how a site is — graded—



Getting a permit is hard & tedious



- Grading Permit Terms & Conditions
- SWPPP Site Map Prep Guide
- Narrative template





- But the site is active...
- SWPPP still applies in frozen/snowy conditions
- Winter Stage allows monthly inspections & after 0.5"rain
- Intended to have site in good condition going into Winter

14:43





l've got work to do there, so I can't have anything in my way













My fuel tank is double-lined, so there isn't anything else to do





















Sewer Maintenance

	Number						Average	Maximum
	of	Number of	Inflow	Outflow			peak	peak
	metered	unmetered	volume,	volume,	Removal,	Removal,	reduction,	reduction,
	events	events	cubic ft	cubic ft.	cubic feet	percentage	percent	percent
Total	166	78	119,292	68,531	50,761	43%	79%	100%
2015	38	24	19,063	11,360	7,703	40%	73%	100%
2016	34	28	22,512	17,532	4,980	22%	76%	100%
2017	39	22	19,562	13,335	6,227	32%	89%	100%
2018	55	4	58,154	26,303	31,851	55%	91%	100%

- 5 years of monitoring –EPA ORD*, USGS, City of Omaha, UNO
- 2019 was challenging, summarizing now

Bioretention Systems

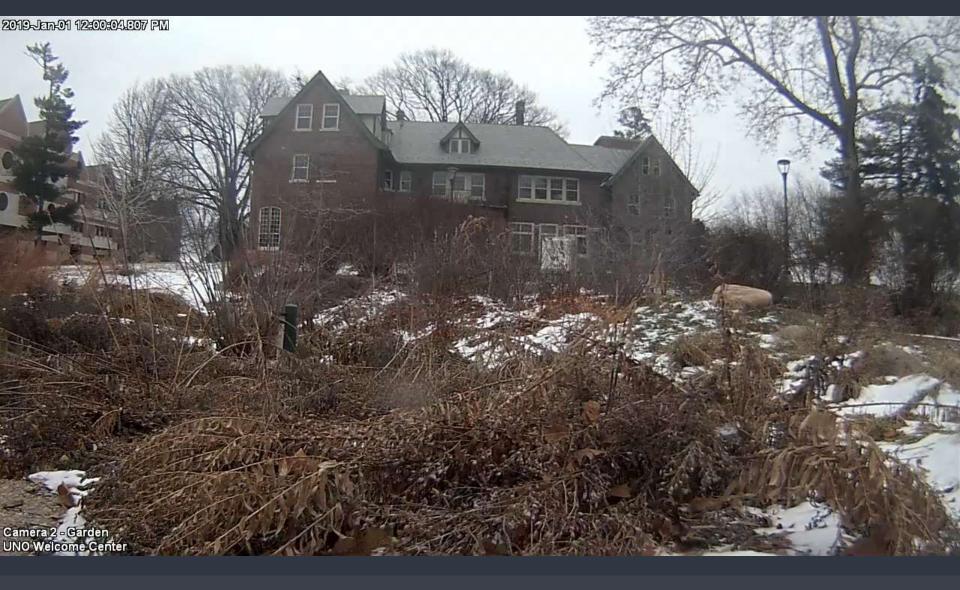
- Hitchcock Park valve video ->
- Design works
- Installation oversight important
- Minimal roots in underdrains so far on older systems
- Infiltration assessment on 9 sites
- Summarizing 2019 monitoring now





UNO Welcome Center

March 2019 melting event



UNO Welcome Center

2019 season in a minute

Resources

OmahaPlants.org



OmahaStormwater.org



Facebook – Omaha Stormwater Program



Visit our table for Field Guide Flipbooks & more!



Final Notes

- If you see stormwater pollution, call 402-444-3908
- Don't hesitate to call or email if you have any questions
- Contact us if interested in having us come out to present
- We are doing good things!

