

PORTAGE/ARCADIA 319 TRANSITION GRANT
Portage Creek Watershed Neighborhood Downspout Survey
Vine and Westnedge (Old Subshed 17)
November 23, 2004

Number of Houses Percentage	Downspout Drainage Fate				Total
	Lawn	Driveway Surface	Underground Connection	No Gutters	
	3	46	0	101	
2.0	30.7	0.0	67.3	100	

Number of houses in neighborhood (subshed 17)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
984	30.7	1200	33	119497

	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnect	7.77	469.58	1.66

PORTAGE/ARCADIA 319 TRANSITION GRANT
Portage Creek Watershed Neighborhood Downspout Survey
Whites Road and Westnedge (Old Subshed 3)
November 23, 2004

	Downspout Drainage Fate				Total
	Lawn	Driveway Surface	Underground Connection	No Gutters	
Number of Houses	77	128	27	64	296
Percentage	26.0	43.2	9.1	21.6	100

Number of parcels in neighborhood (subshed 3)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
1574	52.4	1200	33	326392

	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnec	21.23	139.30	15.24

Revised Jan. 10, 2005 to reflect new runoff from revised subshed areas
 Revised Dec. 12, 2005 to correct for Ac-ft from subshed volume

PORTAGE/ARCADIA 319 TRANSITION GRANT
Portage Creek Watershed Neighborhood Downspout Survey
Lovers Lane and Royce (Old Subsheds 4&5)
November 23, 2004

Number of Houses Percentage	Downspout Drainage Fate				Total
	Lawn	Driveway Surface	Underground Connection	No Gutters	
	36	128	13	21	
18.2	64.6	6.6	10.6	100	

Number of parcels in neighborhood (subshed 4&5)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
322	71.2	1200	33	90804

	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnec	5.91	206.00	2.87

Revised Jan. 10, 2005 to reflect new runoff from revised subshed areas

PORTAGE/ARCADIA 319 TRANSITION GRANT
Arcadia Creek Watershed Neighborhood Downspout Survey
Stuart Neighborhood (Old Subshed 19)
September 20, 2004

	Downspout Drainage Fate				Total
	Lawn	Driveway Surface	Underground Connection	No Gutters	
Number of Houses	22	3	1	37	63
Percentage	34.9	4.8	1.6	58.7	100

Number of houses in neighborhood (subshed 19)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
207	6.3	1000	33	4337

	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnect	0.28	92.86	0.30

PORTAGE/ARCADIA 319 TRANSITION GRANT
Arcadia Creek Watershed Neighborhood Downspout Survey
Winchell Neighborhood (Subsheds 5,6 &7)
 September 20, 2004

	Downspout Drainage Fate				Total
	Lawn	Driveway Surface	Underground Connection	No Gutters	
Number of Houses	57	90	8	9	164
Percentage	34.8	54.9	4.9	5.5	100

Number of parcels in neighborhood (subshed 5)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
42	59.8	1000	33	8282

Subshed 5	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnect	0.54	47.60	1.13

Number of parcels in neighborhood (subshed 6)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
46	59.8	1000	33	9071

Subshed 6	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnect	0.59	43.10	1.37

Number of parcels in neighborhood (subshed 7)	Number of parcels in neighborhood (subshed 5)	Number of parcels in neighborhood (subshed 6)	Number of parcels in neighborhood (subshed 5)	Impervious area (ft ²)
304	59.8	1000	33	59947

Subshed 7	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnect	3.90	95.60	4.08

Revised runoff volume Jan. 10, 2005 based on changes in subshed boundaries

PORTAGE/ARCADIA 319 TRANSITION GRANT
Axtell Creek Neighborhood Downspout Survey
Westnedge Hill (Subshed 1)
September 13, 2004

	Downspout Drainage Fate			
	Lawn	Driveway Surface	Underground Connection	Total
Number of Houses	36	60	13	109
Percentage	33.0	55.0	11.9	100.0

Number of houses in neighborhood (subshed 1)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
406	67.0	1200	33	107676

	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnect	7.00	139.30	5.03

Revised runoff volume Jan. 10, 2005 based on changes in subshed boundaries

PORTAGE/ARCADIA 319 TRANSITION GRANT
Portage Creek Watershed Neighborhood Downspout Survey
Stockbridge and Portage (Old Subshed 11)
November 23, 2004

	Downspout Drainage Fate				Total
	Lawn	Driveway Surface	Underground Connection	No Gutters	
Number of Houses	14	40	4	57	115
Percentage	12.2	34.8	3.5	49.6	100

Number of parcels in neighborhood (subshed 11)	Percentage of residences draining to stormsewer	Average rooftop area (ft ²)	% of Rooftop area draining to stormsewer	Impervious area (ft ²)
480	38.3	1000	33	60605

	(Acre-ft)	Ac-ft from subshed	% volume removal
Annual volume eliminated from stormsewer w/disconnec	3.94	175.30	2.25

Revised Jan. 10, 2005 to reflect new runoff from revised subshed areas