

## **Appendix D: List of Medium- and Low-Priority Capacity Deficiencies**

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**Table D-1. List of Medium- and Low-Priority Project Opportunity Areas**

Basin	Opportunity Area ID	Location Description and Model IDs	Initial Priority	Previously ID Flood Control CIP	Corresponding Water Quality CIP	Notes/ Questions (City comments in red)	Final Priority
Fairview	FC-4	NW Division Street and NW Wallula Avenue to open space just north of NW 13th Street 3252-F-050	L	N	Y	No known problems here.	L
Fairview	FC-5	NE 8th Street between Cleveland Ave and Kelly Ave from manhole 3353-F-004 to 3353-F-015	M	Y	N	Why was CIP SD03 not installed? Be mindful of downstream capacity if conveyance is increased in this area. The downstream system is at capacity. Keep as medium.	M
Fairview	FC-6	Glisan Street and NE 183rd Avenue	L	N	N	Deficiency likely due to catchment size.	L
Fairview	FC-7	Glisan Street between 238th and Wood Village M2954-F-9001 to M2954-F-9004	L	N	N	Deficiency likely due to catchment size. There are two pipe systems at this location, an 8-inch, and an 18-inch. Did you by chance model the 8-inch system instead of the 18-inch mainline? No known deficiencies here.	L
Fairview	FC-8	Glisan Street east of 223rd Avenue M3053-F-9042 to M2953-F-9016	L	N	Y	Deficiency likely due to catchment size. What's the deficiency here?	L
Fairview	FC-9	Fairview Creek between Ruby Junction Railroad and Birdsdale Avenue	L	Y	N	Was project completed? Yes Is flooding observed here? Regional facility fixed this.	Remove from list
Fairview	FC-10	Fairview Creek at Division Street	M	N	N	Check with City on observations at Division St. Culvert is 48" DIA. Lots of sediment build up. Verify culvert size and maintenance issues.	M
Fairview	FC-11	SE Stark Street and SE 217 <sup>th</sup> Avenue	M	N	Y	City confirm water quality strategy. Does UIC expansion or a regional facility to provide treatment and flow reduction work? Regional facility not likely as neighboring parcels have had preapplications.	M
Fairview	FC-12	NW Burnside Road east of NW Birdsdale Avenue	M	N	Y	Are structural PRTs still a viable treatment option for the City per retrofit strategy? Pollution reduction facility to be considered a last priority option	M
Fairview	FC-13	NW Burnside Road west of NW Birdsdale Avenue	M	N	Y	Are structural PRTs still a viable treatment option for the City per retrofit strategy? Pollution reduction facility to be considered a last priority option	M
Johnson Creek	JC-2	W Powell Boulevard between NW Orchard Place and NW Birdsdale Avenue US Node: M3451-J-9108 DS Node: M3451-J-9103	M	Y	Y	What is the preferred WQ strategy? How should green street applications be incorporated with pipe replacement projects? Is proposed regional facility a better choice? Green streets may be a possibility. What proposed regional facility? Let's see both options to see what works best.	M

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Johnson Creek	JC-3	2 <sup>nd</sup> and Willowbrook Link: M587	L	N	N	No issue here	Remove from list
Johnson Creek	JC-4	SW Wallula Avenue and SW Wallula Court Link: M7832	L	N	N	No issue here	Remove from list
Johnson Creek	JC-5	Link: M10420 Link: M591 Link: M10422	M	Y	N	Keep	M
Johnson Creek	JC-6	Powell Boulevard between SE Hood Avenue and SE Roberts Avenue Link: M9126	M	N	Y	Is use of any of the parking lot areas feasible for water quality treatment (porous pavement)? <b>Keep</b>	M
Johnson Creek	JC-7	Inlet at 2635 SE Cleveland Avenue	L	N	N	City: Confirm whether this is a private issue as the grate appears to be on private property and off the street. <b>This is public.</b> Is the City interested in doing a CIP in these private areas? <b>Yes, but keep as low.</b>	L
Johnson Creek	JC-8	Inlet and outlet (2535 SE Cleveland Avenue)	M	N	N	Keep	M
Johnson Creek	JC-9	Culvert at Hogan (Cedar Creek) Links: C10763 & C5167	L	Y	Y	City: If there is greater concern with this culvert (model does not currently predict flooding) may need survey to better inform model. <b>Pipe age and material concerns. More development upstream.</b>	L
Johnson Creek	JC-10	Culvert at Hogan (Brick Creek) Link: C13224	L	Y	Y	City: If there is greater concern with this culvert (model does not currently predict flooding) may need survey to better inform model. <b>Pipe age and material concerns. More development upstream.</b>	L
Johnson Creek	JC-12	Catch Basin at SE 9 <sup>th</sup> Street and SE Hogan Road (800 SE Hogan Road)	H	N	Y	Previous CIP concept provides a swale along 9 <sup>th</sup> . Is this preferred approach? Ditch-to-swale conversions align with basin strategy. <b>Originally considered high, now medium.</b>	M
Johnson Creek	JC-13	Catch Basin at end of SE 22 <sup>nd</sup> Court cul-de-sac (1201 SE 22 <sup>nd</sup> Court)	M	N	Y	Confirm whether there are private property limitations. It is unclear the source of issue - potential grading issue with the way the street drains? Would porous pavement help? <b>Remove from list.</b>	Remove from list
Johnson Creek	JC-14	East Gresham Grade School	M	N	Y	Have LID applications already been completed (current CIP description is specific to riparian management)? <b>Remove from list.</b>	Remove from list
Johnson Creek	JC-15	SW 5 <sup>th</sup> Drive and SW Duniway Avenue	M	N	Y	Confirm if UIC expansion strategy is desired/feasible? <b>Yes</b>	M

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Kelly Creek	KC-1	Culvert at Salquist Road Link: KCN44 US Node: KC-N44	M	N	N	What exactly does "possible issue" refer to? Presumably flooding over the top of Salquist Road? May be baseflow w/in culvert. Baseflow is not being accounted for in model which may explain underprediction? <b>Keep</b>	M
Kelly Creek	KC-3	NE 2 <sup>nd</sup> System US Node: 3357K004 DS Node: 3356K046	M	N	Y	Confirm whether neighborhood scale GI is a preferred strategy for this MP.	M
Kelly Creek	KC-4	SE Quail Drive near SE 29 <sup>th</sup> Way and SE 30 <sup>th</sup> Way 3759K015 3659K017	L	N	Y	<b>What is the issue here?</b>	L
Kelly Creek	KC-5	Pipe along SE Kingfisher Avenue, between SE Welch Road and SE 29 <sup>th</sup> Terrace M20125	L	N	N	<b>Remove</b>	Remove from list
Kelly Creek	KC-6	Kane Fire Station (500 NE Kane Drive)	M	N	N	Existing retrofit already identified in retrofit strategy documentation? Has this been installed? <b>This has been fixed.</b>	Remove from list
Kelly Creek	KC-7	PGE Grate (1718 SE Orient Drive)	M	N	N	<b>This was recently replaced and fixed.</b>	Remove from list
Kelly Creek	KC-8	SE Condor Avenue and SE 27 <sup>th</sup> Court 3657K033	L	N	N	<b>What is the issue here? This is at the upstream end of the system.</b>	L
Kelly Creek	KC-9	Culvert at SE El Camino Drive (3680 SE El Camino Drive)	M	Y	N	Ask City if further action is needed for this area since there appears to already be funding to fix this issue. <b>This was fixed.</b>	Remove from list
Kelly Creek	KC-11	Burlingame Creek. behind 1488 NE Vista Way Link 3254K093	L	N	N	<b>Keep</b>	L
Kelly Creek	KC-13	Pipe along 29 <sup>th</sup> Street 3657K007 3657K005 3657K008	L	N	Y	<b>No known issue here.</b>	L
Kelly Creek	KC-14	Pipe along NE 8 <sup>th</sup> Street between NE Burnside Road and NE Cleveland Avenue M5605	M	N	N	<b>Check model node connection because the system in 8<sup>th</sup> drains to the west and is not connected to the north-south system on the eastern end.</b> Reviewed model, configuration is correct.	M

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Kelly Creek	KC-15	Residential area West of SE Hogan Road M824 M9488	M	N	N	Keep. Pipe is undersized.	M
Kelly Creek	KC-16	WinCo Foods Parking Lot 3355K105	L	N	N	Keep but no known issue.	L
Kelly Creek	KC-17	Fred Meyer on SE Burnside Road (behind store) 3455K061	L	N	N	Keep but no known issue.	L
Kelly Creek	KC-18	SE Hale Drive between SE 4 <sup>th</sup> Street and SE 5 <sup>th</sup> Street 3456K008	L	N	N	Keep but no known issue.	L
Kelly Creek	KC-20	SE Powell Valley Road and SE Kane Drive 3456K048 Pipe at SE Hacienda Circle and SE Powell Valley Road 3456K038	M	N	Y	Confirm use of school property for water quality treatment. Possibility	M
Kelly Creek	KC-21	Pipe along SE Barnes Road, between SE 26 <sup>th</sup> Place and SE 27 <sup>th</sup> Street 3657K001	M	N	N	There is also a ditch system here that carries some of the stormwater. Was that included in the model? Ditch is not included in model. This presumably would alleviate or reduce predicted flooding.	M
Kelly Creek	KC-22	Pipe along Barnes Road 3457K024	L	N	N	Keep. Pipe is undersized.	L
Kelly Creek	KC-23	Pipe along SE Palmquist Road at SE Kane/SE Orient Drive 3556K044 Pipe along SE Kane Drive, near SE Orient Drive 3556K041	L	N	N	Keep	L
Kelly Creek	KC-25	Behind Residences at SE 16 <sup>th</sup> Drive and SE Condor Avenue M6056	L	N	N	Unclear subbasin connectivity. Is the basin contributing to US node connected? Or is discharge to the north into the Natural Area adjacent to Kelly Creek? If this is the case, there most likely would not be predicted flooding. Discharge is to natural area. Remove.	Remove from list
Kelly Creek	KC-26	Pipes along SE Kane Avenue 3656K074 3656K076 3656K075	M	N	Y	Is use of existing vacant property feasible for a regional facility? No, property is being developed. Keep on list.	M

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Kelly Creek	KC-27	SE Hacienda Avenue/Loop 3646K043	M	N	N	No known issue.	L
Kelly Creek	KC-28	Ecology Embankment	M	N	Y	Is this still a viable project need? Hwy 26 ditch. ODOT property.	M
Kelly Creek	KC-29	SE 23 <sup>rd</sup> Street and SE Hale Drive PRF	M	N	Y	Confirm whether neighborhood scale GI is a preferred strategy for this MP. Remove. Neighboring parcel would not grant an easement.	Remove from list
Kelly Creek	KC-30	Parcel NE of NE Kane Drive and NE Division Street Intersection	M	N	Y	Is use of existing vacant property feasible for a regional facility? Property is in for development. Remove.	Remove from list
West Gresham	WG-1	Flooding where Multnomah system ties into NE 181 <sup>st</sup> Avenue, and along NE 181 <sup>st</sup> Avenue between NE Wasco Street and NE Barr Road. Nodes: M2948-W-9005, 9022, 9006, 9023	L	Y	Y	Nothing seen in this location, but it doesn't mean that it doesn't surcharge.	L
West Gresham	WG-3	Flooding at pipes that cross San Rafael Street just east of NE 194 <sup>th</sup> Avenue. Nodes: M2850-W-9020 and -9018	M	Y	Y	Confirm preferred water quality strategy. Regional facility north of Barr Road or expansion of existing UIC drainage area to mitigate flow. No known issue.	L
West Gresham	WG-4	Flooding along Sandy Boulevard between NE 172 <sup>nd</sup> Place and NE 165 <sup>th</sup> Avenue. Nodes: (M2748-W-90-) 52, 53, 22, 43	M	Y	Y	Confirm with City why available storage volume in existing WQ CIP (WQ-1A) decreased from MP to CIP. Are regional facilities still needed/preferred? Pipe system is from church does not connect here. It connects to the private system to the east and then crosses Sandy Blvd.	M
West Gresham	WG-5,6,7	Flooding at outfalls of pipes going to slough. These are a result of tailwater conditions in model causing backflow. Three outfalls at slough are located at NE 181 <sup>st</sup> Avenue/NE Airport Way, NE 185 <sup>th</sup> Drive, and at large culvert behind PacWest Machinery (just west of City WWTP).	L	N	N	Expand on this. Is outfall below slough water level?	L
West Gresham	WG-8	Flooding along NE Portal Way, entire South Shore Development area	M/L	N	N	Are design standards specific for this area a viable solution?	M/L
West Gresham	WG-9	Flooding at hydrology nodes at upstream ends of NE 185 <sup>th</sup> Drive drainage system Nodes: M2749-W-9022 and M2749-W-0022	L	N	N	Expand on this. Is outfall below slough water level?	L
West Gresham	WG-10	Reported flooding issues from town "NE Sacramento St & NE 178th ave - drains back up into road and slowly drain down"	M	N	Y	City - Confirm whether WG-2A has already been installed or intentionally removed from consideration. It is not in the current CIP. Leaf and thatching issues.	M
West Gresham	WG-11	North of I-84 and east of NE 162 <sup>nd</sup> Avenue	M	N	Y	Drainage area would be addressed with WG-1A-WQ. Portland	M