

Appendix C

IRMP Report Card

The citywide Integrated Rainwater Management Plan suggested a 5 year period to ramp up the implementation of GRI on public, private and park lands. The work of the Rain City Strategy and the accompanying action plans have built upon the strong foundation of the IRMP phasing and scheduling strategy. The report card presented in this appendix demonstrates our progress in correspondence with the Rain City Strategy.

IRMP Report Card

The citywide Integrated Rainwater Management Plan (IRMP) outlines a phasing structure to implement a mix of GRI on public, private and park land, gradually working towards making GRI the preferred default option for managing urban rainwater runoff.

The IRMP suggested a 5 year period to ramp up the implementation of GRI. With each step, the City will mature its approach and expand the reach of the programmes. The work of the Rain City Strategy and the accompanying action plans have built upon the strong foundation of the IRMP phasing and scheduling strategy.

The report card presented here shows our progress against this phasing and scheduling strategy:

- Phase A: immediate and ongoing (2016)
- Phase B: remove barriers, build capacity (2017)
- Phase C: expand GRI into new non-single family projects (2018)
- Phase D: expand GRI to new one/two family and lane housing (2019)
- Phase E: expand GRI to retrofits (2020)
- Phase F: long term aspirations (beyond 2020)

Integrated Rainwater Management Plan Priorities

#	PHASE	REALM	STATUS	COMMENT ON STATUS
A	PHASE A: IMMEDIATE AND ONGOING (2016)			
A1	Implement GI team	All	●	Completed
A2	Catch basin cleaning action / awareness	Public	●	Completed and ongoing 'Adopt a catch basin'
A3	Cross connection control action / awareness	Public	●	To be part of the CSO Mitigation Strategy
A4	Require Green Rainwater Infrastructure (GRI) in large rezonings	Private	●	Completed
A5	Integrate GRI demonstration / learning in current projects	Public	●	Completed and ongoing (Olympic Village - 63rd & Yukon)
B	PHASE B: REMOVE BARRIERS, BUILD CAPACITY (2017)			
B1	Green Rainwater Infrastructure (GRI) public awareness (stage one)	All	●	Completed
B2	Identify priority areas for street GRI implementation	All	●	Completed
B3	Update Engineering standards to include GRI	Public	●	Priority for 2019
B4	Water Quality Monitoring / Adapt to meet regulations	Public	●	Ongoing to report back on Feb 2019
B5	City Off-Street Property GRI demo / monitoring projects (pilot on institutional projects)	Public	●	PDS / REFM
C	PHASE C: EXPAND GREEN RAINWATER INFRASTRUCTURE INTO NEW NON-SF PROJECT (2018)			
C1	Review surface parking treatment fee options	All	●	Policy from Engineering, implemented by PDS
C2	Study storm water utility feasibility	All	●	Financing model for O&M to develop
C3	Street block GRI demo / monitoring projects	Public	●	Quebec & 1st, 63rd & Yukon
C4	Parks sites GRI and biodiversity demo / monitoring projects	Parks	●	To scope with master plans (i.e. QE Park)
C5	Require GRI in new MF ICI projects (update regulations)	Private	●	Currently only for rezoning
C6	On-street surface parking treatment integrated with sewer separation	Public	●	Initiated. Cassiar project
D	PHASE D: EXPAND GREEN RAINWATER INFRASTRUCTURE TO NEW ONE/TWO FAMILY / LANE HOUSING (2019), NEW CONSTRUCTION			
D1	Private SF GRI demo / monitoring projects	Private	●	Not initiated
D2	Require GRI in new SF/Duplex projects (update regulations)	Private	●	Rainwater management requirements not for SF/Duplex
E	PHASE E: EXPAND GREEN RAINWATER INFRASTRUCTURE TO RETROFITS (2020)			
E1	Private surface parking GRI demo / monitoring projects	Private	●	Not initiated
E2	Launch charges for GRI in existing private surface parking	Private	●	Not initiated
F	PHASE F: LONG TERM ASPIRATIONS (BEYOND 2021)			
F1	Rainwater capture / reuse demo / monitoring projects	All	●	Not initiated
F2	Launch capture / reuse projects	All	●	Reuse expert hired. Oakridge injection study
F3	Start Absorbent Lanes program	Public	●	Trial projects initiated with Streets (W 10th lane, Cambie)