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| Timemin5 min5 SK5 ECDrive10 SKDrive10 EC(GC)Drive15 GCDrive15 TT(CG)Drive20 CGEC |

Meet 9.30 – 9.45 at Tennis to confirm details - Need fireshed maps

Welcome and Intro Sharon – Who, purpose route

Route & Lead person

1. Catherine Park - Emmie and Sharon (letters to Council – C Haskell)

**Issue** – Stormwater Runoff in Park Drainage Line, Playing field and infill to Bay, vehicle access

Needs – **Integrated Management Plan** including urban infrastructure, reserves, bushland, vehicle management

1. Wharf to Thompson Street – What is not working and has deteriorated (photo - A Ritchie)

Issue - Rocks in drainage line, ineffective drainage, location of waterbars, Erosion from Council depot and driveway

1. Walking tracks on road reserve in steep topography, critical links for resident commuting and services. Initially capital works supported by Council, aided by grant funding and community volunteers. ie upper and lower Elsie Street

Issue – Stormwater erosion and weed management

Need – Plan for maintenance to provide safe travel

1. Harolds Hill and along Richard Road What is working well

Issue - Top of Harold Hill also Cecil Ave - Use/integration of options for effective stormwater management use of cross fall, water bars, sealing adjacent to pits

Needs – Good example of benefit of on-going maintenance/resealing of capital works/additional water bars

Water bars - working well (size & position) examples 6-14 Richard Road and suggested above new work abt 28 and 58 Richard Rd) Note check house no?

Easement and design - required below Cecil

Encourage additional funding - Sealing of road surface adjacent to new works (ie. matting exposed at 58 Richard road

1. Cargo Hill and Lehara Reserve

Issue – Use of area by Council, local and nonlocal contractors, commuter parking, pedestrian access, as well as protection of beach, indigenous midden and curajong tree, bushland

Need – Integrated management plan, community consultation

1. Fire Trail to Elizabeth Park – Intro CG - Where we are going, fire trail? Home access and emergency vehicles CG

Issue -Stormwater runoff from top to bottom, encroachment by vehicle tracks and home owners

Stop CG - Working well - Devils Elbow

Stop top EC - High quality bushland

Need – Gazette road, on-going maintenance and integrated management (vehicle accesses & encroachment

Return to Tennis

Cass to organise vehicles to be left near fire shed, Graeme maps, Sharon material from C Haskel and A Ritchie, All set discussion points and bring any support material

Agenda Dec 7

1. Issues

Discarded vehicle, integrated planning/management, about 120,000

1. Works program and 2 big tickets.

Thompson, Kevin Ave Pitt View - sub for T and U

and planning Richard Road and Cecil - Design meeting consultation with Toby

Note Capital Works - Pits and pipes or pits and gutters, pipes and drains down Kevin Ave, maintenance budget as need higher in the catchment

Maintenance includes road maintenance, fill potholes, repair and seal, waterbars wide and not high

Option to have resealing as Capital works in the future

1. Intro Catherine Park Catchment issues of stormwater management (Thompson Lisa and Mark to Kevin Ave and Pittview)
* manage runoff from depot and steep drive on left,
* reinstate drainage line and stormwater flows to drainage,
* investigate use of additional pit below depot and intersection
* investigate subsurface drain Kevin Ave to Florence Terrace or number 1 Kevin Ave
* ensure functionality - movement of rocks in drain down stream, blockage due to sediment and first flush of leaves
* investigate options to reduce erosion of road and drain material along drainage line and into sediment basin and community park and bay
1. Traffic Management Plan for vehicles - water police, RMS approved (check Mackeral Beach)
2. Management plan for Catherine Park including r &d, bushland, stormwater and sediment flows to Pittwater Estuary
3. Cargo wharf and depot Council supportive infrastrure
4. Fire Trail to top of island

Additional funding for sealing sections adjacent to new drainage on Richard Road Lots 67 and 37

Map and discussion points perhaps fireshed map

Route & Lead person

What is not working and gone downhill - Catherine Park Catchment

Catherine Park Integrated Management Plan

Walking trails

What works - Harold Hill and Devils Elbow to the top of the island

Road Surface adjacent to new works

Management Plan Cargo

Fire Trail to Elizabeth Park

Draft Previous Notes Nov 23

Agenda

1. Upcoming wigs meeting – Raise issues

Discarded vehicle, integrated planning/management,

1. Plan for tennis area for looking for a solution; consultation, plan

They need money, design, road management plan

1. Works program and 2 big tickets.
2. Water police, RMS approved

David – 120,000

Tennis to Thompson -sub for T and U

Budget capital works pit and drain

Pits and pipes or pits and gutters, pipes and drains down Kevin Ave, maintenance budget for connections

Drain maintenance on Thompson

Road maintenance, fill potholes, repair and seal, waterbars wide and not high

Fill potholes repair potholes

Cecil design meeting consultation with Toby

Cargo wharf and depot Council supportive infrastrure

Kevin Ave,

Traffic Management Plan for vehicles, Mackeral beaches

Councils works area

Management plan for Catherine Park,

Sediment to Pittwater

Fix road to top of island

Getting more munday, spend more money,

Map and discussion points