

2 What are the pros and cons and 'useful to investigate further' of irrigation to land in your area

Pros

ROBINSONS BAY WATER CAN GRAVITY
FEED FROM THE PLANT

We ~~can~~ see no pros

Small from ponds

Cons

Flooding down Takamatua Stream

disruption to stream life

Spray drift coming in contact ^{with} people

Unknown health impact (long term)
on established food crops, ~~and~~
animals etc

negative ~~impact~~ impact on Takamatua
Society / relationships because of
polarised views and degree
of impact

Huge impact to day to day
running of farm / lifestyle
and why we choose to live here
and put \$\$\$ and emotional effort into our land

useful to investigate further

Flood zone locations

areas of potential erosion
along valley floor.

~~Health~~ Health authorities
to look into real issues
for us.

2

What are the pros and cons and 'useful to investigate further' of irrigation to land in your area?

Pros (not everyone agrees)

- away from population (also a con as need to be aware of this)
- ease of maintenance c.f. underwater system

THE TREATMENT WILL BE WAY BETTER THAN WHAT WE PUT ON OUR LAND THROUGH SEPTIC TANKS NOW

WATER IS AN ASSET THAT CAN CREATE
NEW FORESTS
NEW RECREATIONAL RESERVES
FARM IRRIGATION
FIRE FIGHTING WATER
HORTICULTURAL APPLICATIONS
NEW PRODUCTS "AQUA WATER"

Cons

- The water intake for Akaroa township + private houses falls within the irrigated area.
- Already quite wet, especially in the valley floor, so not a high level of capacity for more water
- prone to flooding
- Residential houses spread over the valley floor makes it hard to mitigate impacts by siting away from houses.
- poor draining soils, with evidence of regular seasonal saturation and clay pans (fragipans)
- A stream runs along the bottom of the sloping side, which may be prone to contamination, silting and slumping.
- Immoral to put a town's waste on to a small community who look after their own waste via septic tanks etc. Rates relief?? ✓✓✓ agree ✓✓

PERCEPTION OF PROBLEMS

- HORMONES ETC IN THE WATER
- LOSS OF VALUE OF PROPERTY
- THE WATER IS "SHIT"

ADDING TO SOIL MOISTURE ∴ POTENTIAL TO DESTABILISE

STORAGE Ponds ARE HUGE AND COULD RESULT IN LOSS OF AMENITY ESPECIALLY IF CLOSE TO HOUSES OR VISIBLE FROM HIGHWAYS

useful to investigate further

- nutrient flow in soil as with irrigation into streams
- is there enough area (hectares) for spray irrigation - irrigation doesn't like hills

Can land be "compulsorily" acquired for a forest? Plant it & spray water there?

HOW TO "FULLY" EDUCATE PEOPLE AS TO THE "PLS"
CLEAR SOLUTION FOR
GROUND STABILITY
TREATMENT LEVEL
EMERGENCY MANAGEMENT

2 What are the pros and cons and 'useful to investigate further' of irrigation to land in your area?

Pros

Stored water in tanks for fire fighting in valleys

Pump waste recycled water to be used for fire fighting, washing boats/recreation ground/toilet water

Sea discharge

Multiple (native forest) sites in more than one valley with storage ponds distributed accordingly

Cons

Cons

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useful to investigate further

from the top of Tekehuia

What are the pros and cons and 'useful to investigate further' of irrigation to land in your area?

Pros

water conservation

Cons

potential contamination (viruses, drugs)

what about smell

changing the face of Robinsons Bay

beauty of these valleys eg tourists

value of properties

risk of infrastructure failure

whitebait habitat

impact of Maori burial ground of pipe + water infrastructure

economic impact of withholding ponds for stock + produce.

Mosquito breeding grounds

30 day min withholding period for stock.

run off into streams - fish (eels, whitebait) + therefore from stream to shore = shellfish contamination.

Climate change / natural water conditions.

useful to investigate further

land use - what can be grown?

(mānuka)
capacity of land to hold water

soil condition - ability

how necessary is irrigation to Robinsons Bay.

The significant impact of associated large storage ~~plan~~ ponds on the local community and the safety of these ponds + capacity (visual impact, storm, lake fly, bird impact etc) + where associated ponds would be.

Irrigation to be in areas that would actually benefit from it.

Irrigation

2 What are the Pros and Cons and 'useful to investigate further' of irrigation to land in your Area?

Pros

- Grass growth - farmland
- economic value
- production
- employment
- consistency of growth
- reduce fire risk

Small firefighting ponds
 & drip to small native
 tree areas -

Guarantee supply for fire

Cons

- contamination - hormones
- antibiotics

"

Domestic animals - dogs,

electricity supply - consistency
 operating costs.

too close to houses - drift
 to gardens, buildings, springs

run off into water ways

unstable soils

noise

earthworks required.

smell

useful to investigate further

Pompeys Pillar farmland

Invest with holding periods for
 stock feed both fresh (grazed)
 & stored (silage, hay)

Residual effects in crops
 - domestic & commercial
 heavy metals, pathogens, hormones

Irrigation in Akaroa - Stanley Park
 Peuce in Akaroa - boat wash
 gardens etc