Pollution Report



Waterwatch Melbourne Pollution Report

EPA Pollution Watch Line 1300 372 842 (24 hours) www.epa.vic.gov.au

	www.epa.vic.gov.au
Monitoring site details/location of discharge	
Site code (if applicable): ETN 900 + ETN 600	
Site description (if applicable): Tanti Creek @ the	Esplanade + Stones Crossing resp
Nearest street to pollution site: Ne pean Huy to the	e Esplanade
Nearest road overpass: As above	•
Other landmarks to assist site location:	
Name of monitoring group Tanti Creek Friend Persons monitoring: Marhin Lenard Date and time of monitoring: 9/2/2017 10.34 am	-
Short description of what you have observed t	that was 'out of the ordinary'
Both sites recorded very high phosphate and ETN 600 0.69 mg/L (refer data shee tecorded 0.36 mg/L at the Nepeum Huy b Tunti Creek retarding basin drain (measured and 0.08 mg/L at the Richardson Dnie d NB: SEPP(WeV) Water Quality Objective total	oridge, and 0.18 mg/L at the at the Richardson Dr drain point) rain (refer map).
Colour observed: Water colour appears norm	
Light yellow (similar to sediment/clay dissolved in water)	☐ Milky/Grey
☐ Dark brown/murky (top soil/compost dissolved in water)	☐ Rainbow coloured sheen
Does the pollutant:	
\Box Float on the surface \Box Accumulates along the creek b	panks
Form a foam/froth Dispersed in the water	(refer photos)
Colour character (if detected): No unusual od	
☐ Chemical type of smell ☐ Sewage type of smell (rotten eg	
☐ Rotting/putrid/decaying ☐ Petrol/diesel	
Odour intensity/description (rate the strength of od	lour):
$\overline{oldsymbol{ol}}}}}}}}}}}}}}}}}}}}}}}$	ve) Distinct (generally tolerable)
\square Strong (unpleasant) \square Very Strong (obnoxious) \square Ext	remely strong (nauseating/unbearable)



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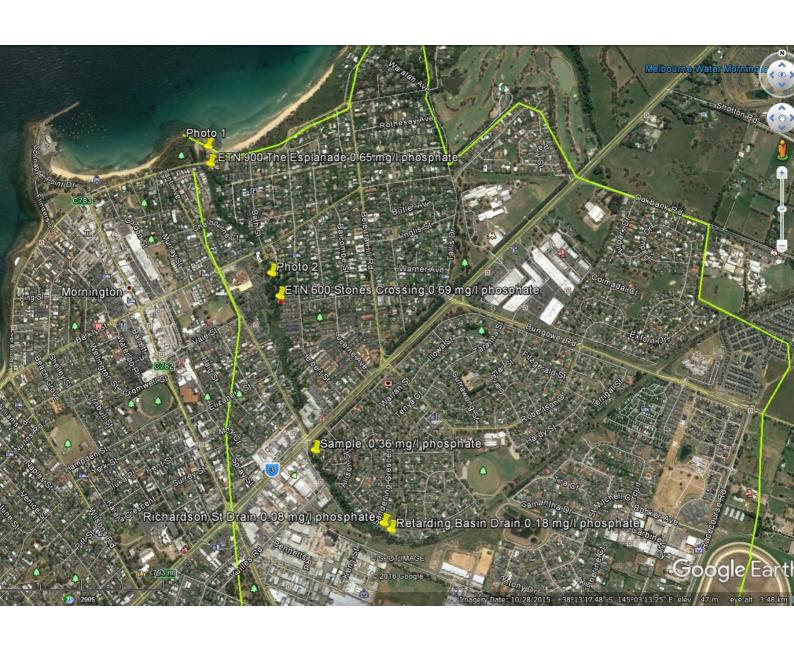


Pollution description:
How is it moving? Is it affecting whole stream?
Affecting whole stream. From scrim evident at the Touti (reak estimates) from at least 4 pm on 8/2/2017, and possibly up to a day earlier. Is the surrounding vegetation effected? e.g. Staining on bark, die back of trees.
No
Any other signs of disturbance? e.g. Fish kills, loss of macro-invertebrates, dead or sick birds?
No
What distance/area of the creek does pollutant cover? e.g. Only in-stream, left side of creek, creek width, 100m downstream etc. At least 1.7 km (from Eshiony to Watts Rd)
What is the land use for the area? e.g. Residential, industry, farmland, etc.
Residential, and commercial.
If available, please attach physical/chemical data sheet and answer the following questions:
What parameter/s are indicating the problem (and value recorded (units))? e.g. Turbidity (400 NTUs) ETN 500 0・65 mg に phosphote ETN 600 0・69 mg に phosphote What value (max-min) do you usually get that indicates a healthier reading? e.g. Turbidity (10-30 NTUs)
Phosphoto 0.00 - 0.05 mg Usaring Is water upstream clear of pollution? Yes No Sometime on Sometime
Is water upstream clear of pollution? Yes U No Sometime on
Is this the first time you have seen pollution at this site? 🔲 Yes 🗹 No عمومهم سنططيع
Origin of pollution (if known)? e.g. stormwater drain, runoff. 912/17
Best bet is that the source of pollution was the Tanti Creek Retarding Basin stormwater drain (mello Water drain DR-1730-LA 012) upstream of the junction with drain DR-1740-LA 001. Pollution occurred from

If possible, sketch a map of the spot where the pollution is coming in, label landmarks such as drains, signs, bridges, roads, etc.

Refor attached map.











Physical and a Affairy and a second and a se

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ETN 600

Site description: Tanti Creek Mornington Site#2 Stones Crossing

Name of monitoring group

Persons monitoring: Martin Lenard

Date and time of monitoring: 9/2/207

2/2017 12.10.0

Please record your data below:

Parametei	Politine 1	Contractive and
Air Temperature	29	
Water Temperature	23.2 • 0	
Turbidity		forgot to do!
Bigg of gr.	6.5	
Conductivity	2900 us/cm	
Dissolved Oxygen	6.9 ppm 1119/1	% Saturation
Phosphate If using Lamotte Servet2 Lead-note: Hartgay by 5-back to calculate model.	2.11 ppm 0.69 mg/1	tecomm. level is less than 0.045 mg/L 3 15 times recomm level
Ammonium	mg / L	
Nitrate	mg/l	

Observations and Notes:

What has changed since last time you monitored?

Evidence of high water from

What stands out about the site today?

Rubbish on high water make Sum on surface of quicker pods. Other observations:





healthy Waterway

MPRVSicaliana. Manaivasa



	F	TN 600	9/2/2017	12-10 Pg	<u>.</u> .	
Waterway Inf			91-1			
Rate of flow: Very fast None If 'Other', please sp	Fast Permanent Decify:	Normal ba		Slow Other	Trickle	en e
Type of flow: ☐ Rising S If 'Other', please sp	teady	Peak	Dry	Pools / Pudo	dles 🗌 Othe	r
Waterway dept	☐ Muddy ☐ Discoloured	Sam on cm (0 to 3000cm	the Surf	Frothy Stained brown شدر عبا لطو	Scummy Other Shan	Slightly esterday,
Weather: ✓ Sunny ☐ Hail If 'Other', please sp	☐ Cloudy ☐ Windy	Overcast Foggy	بننج	Showers Other	Rain	
Last rainfall: Raining now Litter / Pollutar Cans Food Packets Waxed Cardboa If 'Other', please sp	Paper Plastic rd Bottles	Pol	Last 13mm thing ystyrene rol/Diesel (i	ú 3 h-s □o □ci	ore than a week il (m²) ar bodies ther	ago
If 'Other', please sp	pecify:					







Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ETN 900

Site description: Tanti Creek Mornington Estuary Site 1

Name of monitoring group

Persons monitoring: Martin Lenard

Date and time of monitoring:

9/2/2017 10.34 am.

Please record your data below:

Takanjara	Reading	Comments
Air Temperature	26 %	
Water Temperature	23.3	i of the Tourist Constitution of the Constitution of the Constitution and the Constitution of the Constitu
Turbidity	8.47 Fau	
3× 1-3	7.1 : : : : : : : : : : : : : : : : : : :	
Conductivity	2830 µ5/cm	en e
Dissolved Oxygen	7.4 ppm mg/2	% Saturation
Phosphate If using Lamobe Smartz Disclosed a multiply by 6,776 to calculate mg/L)	1.98 ppm = 0.65 mg/L	Highest level ever tecorded ?? Second test 1.95 ppm.
Ammonium	- 0.02 mg/L	от об том в него него причения политической причения по том по том по почения него почения на причения почения на почения почения на почения п
Nitrate	- ma / L	interior - i transmitter, energiar mitter meter shekember bedakkennen av vede metere meter som a kalasia in he

Observations and Notes:

What has changed since last time you monitored?

A Clearly been a flood event

What stands out about the site today?

Flood debis + litter

Other observations:

Abundant adult + juvenile galoxias in week. Swamp Melalenca tipped out of ground by log dury flood

colonising sand on banks of ceek.





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Waterway Info	ormation				
Rate of flow: Very fast None If 'Other', please sp	Fast Permanent pecify:	✓ Normal bas ☐ Temporary	e flow [Slow Other	☐ Trickle
Type of flow: / Signature Rising Signature Sig	teady	Peak	□Dry □	Pools / Puddle	es Other
Waterway Appe Clear Oily If 'Other', please sp	☐ Muddy ☐ Discoloured	Smelly Milky	☐ Frotl ☐ Stair	ny ned brown	Scummy Other
Waterway width: 126 cm (0 to 3000cm) Waterway width:cm (0 to 100m) (new Sik)					
Weather: ✓ Sunny ☐ Hail If 'Other', please sp	Cloudy Windy Decify:	Overcast Foggy	☐ Shov		Rain
Last rainfall: Raining now	Last 24hrs] Last 3 days	Last 7 da		e than a week ago
Litter / Pollutar Cans Food Packets Waxed Cardboar If 'Other', please sp	Paper Plastic Bottles	Petro	ning styrene ol/Diesel (m²)	☐ Car ☑ Oth	(m²) bodies er



