GALINTEL
KEVIN ELKS
P. O. BOX 396
COFFS HARBOUR NSW 2450

BATCH NUMBER: 17/2326
No. of SAMPLES: 7
DATE COLLECTED: 01/11/17
DATE RECEIVED: 01/11/17
TIME RECEIVED: 15:20
DATE TESTING COMMENCED: 01/11/17

REPORT OF ANALYSIS

SAMPLE REFERENCE	SAMPLE DESCRIPTION
17/2326/1	PIT 7
17/2326/2	PIT 5
17/2326/3	DOWNPIPE ADJACENT BAGHOUSE
17/2326/4	DOWNPIPE SW CNR
17/2326/5	DOWNPIPE FRASER DRIVE NW SIDE
17/2326/6	STORMWATER FRASER DRIVE
17/2326/7	CREEK

ANALYSIS	METHOD NO	UNITS	17/2326/1	17/2326/2	17/2326/3	17/2326/4
pH	APHA 4500-H+ B	pH unit	6.7	6.7	4.7	4.5
Total Suspended Solids	APHA 2540 D	mg/L	12	3	5	19
Chromium - Trivalent*	NT2_47	ug/L	<0001	0.001	0.001	<0.001
Chromium - Hexavalent*	NW_D2	mg/L	0.017	0.001	<0.001	<0.001
Chromium - Total*	NT2_47	ug/L	0	0	0	0
Cobalt -Total*	NT2_47	ug/L	4.1	<1	<1	<1
Copper - Total*	NT2_47	ug/L	31	36	28	54
Lead - Total*	NT2_47	ug/L	11	34	390	14
Nickel-Total*	NT2_47	ug/L	5.0	6.5	3.0	2.9
Zinc - Total*	NT2_47	ug/L	10,300	7,580	2,980	750
Ammonia Nitrogen	EL13F	mg/L	0.35	0.43	0.38	0.32

ANALYSIS	METHOD NO	UNITS	17/2326/5	17/2326/6	17/2326/7
pH	APHA 4500-H+ B	pH unit	5.5	6.8	6.8
Total Suspended Solids	APHA 2540 D	mg/L	49	52	188
Chromium - Trivalent*	NT2_47	ug/L	<0.001	<0.001	0.001
Chromium - Hexavalent*	NW_D2	mg/L	<0.001	<0.001	<0.001
Chromium - Total*	NT2_47	ug/L	0	0	0
Cobalt -Total*	NT2_47	ug/L	<1	1.5	2.7
Copper - Total*	NT2_47	ug/L	15	19	50
Lead - Total*	NT2_47	ug/L	7	4	70
Nickel-Total*	NT2_47	ug/L	1.1	1.9	6.1
Zinc - Total*	NT2_47	ug/L	590	150	1,620
Ammonia Nitrogen	EL13F	mg/L	0.34	<0.05	0.20

ANALYSIS	METHOD NO	UNITS	17/2326/1	17/2326/2	17/2326/3	17/2326/4
TOTAL RECOVERABLE HYDROCARBONS						
TRH C6-C9*	NGCMS_1121	ug/L	<25	<25	<25	<25
TRH C10-C14*	NGCMS_1112	ug/L	<25	<25	<25	<25
TRH C15-C28*	NGCMS_1112	ug/L	<100	<25	<25	<25
TRH C29-C36*	NGCMS_1112	ug/L	<100	<25	<25	<25
TOTAL RECOVERABLE HYDROCARBON*						
TRH C6- C10	NGCMS_1121	ug/L	<25	<25	<25	<25
TRH C6- C10 less BTEX (F1)	NGCMS_1121	ug/L	<25	<25	<25	<25
TRH>C10-C16	NGCMS_1112	ug/L	<25	<25	<25	<25
TRH>C10 - C16 less Naph(F2)	NGCMS_1112	ug/L	<25	<25	<25	<25
TRH>C16-C34(F3)	NGCMS_1112	ug/L	<100	<100	<100	<100
TRH>C34-C40(F4)	NGCMS_1112	ug/L	<100	<100	<100	<100

ANALYSIS	METHOD NO	UNITS	17/2326/5	17/2326/6	17/2326/7
TOTAL RECOVERABLE HYDROCARBONS					
TRH C6-C9*	NGCMS_1121	ug/L	<25	<25	<25
TRH C10-C14*	NGCMS_1112	ug/L	<25	<25	<25
TRH C15-C28*	NGCMS_1112	ug/L	<25	<25	<25
TRH C29-C36*	NGCMS_1112	ug/L	<25	<25	<25
TOTAL RECOVERABLE HYDROCARBON*					
TRH C6- C10	NGCMS_1121	ug/L	<25	<25	<25
TRH C6- C10 less BTEX (F1)	NGCMS_1121	ug/L	<25	<25	<25
TRH>C10-C16	NGCMS_1112	ug/L	<25	<25	<25
TRH>C10 - C16 less Naph(F2)	NGCMS_1112	ug/L	<25	<25	<25
TRH>C16-C34(F3)	NGCMS_1112	ug/L	<100	<100	<100
TRH>C34-C40(F4)	NGCMS_1112	ug/L	<100	<100	<100

Comments

Sample(s) collected by client and analysed as received in accordance with "Standard Methods for the Examination of Water
& Wastewater", 22nd Edition, 2012, APHA. Raw data sheets stating analysis dates are available upon request.
Tests marked with '#' are not covered by NATA Accreditation.
*Analysis conducted by a subcontracted laboratory (NATA Accreditation Number 198) R/N:177472 .

Approved: 13/11/17
B J Wadleigh
Laboratory Manager

NATA

Accredited for compliance with ISO/IEC 17025.
[Accreditation Numbers: 12359 (Chemical) & 14565 (Microbiological)]

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian and International standards.