



Location Description Location Code Date	Public Area Balboa Street				
	BA017-E01	BA017-E02			
	28/04/2022	28/04/2022			
	Unit	EQL	Health Based Criteria		
<b>TRH<sup>(1)</sup></b>					
C6 - C9	mg/kg	20		<20	<20
C10 - C14	mg/kg	20		<20	37
C15 - C28	mg/kg	50		<50	<50
C29 - C36	mg/kg	50		<50	<50
C10 - C36 (Sum)	mg/kg	50		<50	<50
C6 - C10	mg/kg	20		<20	<20
C6 - C10 less BTEX (F1)	mg/kg	20	4,400	<20	<20
C10 - C16	mg/kg	50		<50	<50
C10 - C16 less Naphthalene (F2)	mg/kg	50	3,300	<50	<50
C16 - C34	mg/kg	100	4,500	<100	<100
C34 - C40	mg/kg	100	6,300	<100	<100
C10 - C40 (Sum)	mg/kg	100		<100	<100
<b>PAH<sup>(2)</sup></b>					
Acenaphthene	mg/kg	0.5		<0.5	<0.5
Acenaphthylene	mg/kg	0.5		<0.5	<0.5
Anthracene	mg/kg	0.5		<0.5	<0.5
Benz(a)anthracene	mg/kg	0.5		<0.5	<0.5
Benzo(a) pyrene	mg/kg	0.5		<0.5	<0.5
Benzo(a)pyrene TEQ (lower bound)	mg/kg	0.5	3	<0.5	<0.5
Benzo(a)pyrene TEQ (medium bound)	mg/kg	0.5	3	0.6	0.6
Benzo(a)pyrene TEQ (upper bound)	mg/kg	0.5	3	1.2	1.2
Benzo(b&j)fluoranthene	mg/kg	0.5		<0.5	<0.5
Benzo(g,h,i)perylene	mg/kg	0.5		<0.5	<0.5
Benzo(k)fluoranthene	mg/kg	0.5		<0.5	<0.5
Chrysene	mg/kg	0.5		<0.5	<0.5
Dibenz(a,h)anthracene	mg/kg	0.5		<0.5	<0.5
Fluoranthene	mg/kg	0.5		<0.5	<0.5
Fluorene	mg/kg	0.5		<0.5	<0.5
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5		<0.5	<0.5
Phenanthrene	mg/kg	0.5		<0.5	<0.5
Pyrene	mg/kg	0.5		<0.5	<0.5
PAHs (Sum)	mg/kg	0.5	300	<0.5	<0.5
<b>BTEXN<sup>(1)</sup></b>					
Benzene	mg/kg	0.1	100	<0.1	<0.1
Toluene	mg/kg	0.1	14,000	<0.1	<0.1
Ethylbenzene	mg/kg	0.1	4,500	<0.1	<0.1
Xylene (m & p)	mg/kg	0.2		<0.2	<0.2
Xylene (o)	mg/kg	0.1		<0.1	<0.1
Xylene (Sum)	mg/kg	0.3	12,000	<0.3	<0.3
Naphthalene	mg/kg	0.5	1,400	<0.5	<0.5
<b>Physicochemical parameters</b>					
% Moisture	%	1		21	25

**Comments**

(1) Criteria for TRH and BTEXN adopted from CRC Contamination Assessment and Remediation of the Environment Technical Report 10: Part 1 2011 (CRC CARE, 2011), Table B-4 Health Screening Levels, HSL-A Residential, Direct Contact

(2) Criteria for PAH adopted from National Environmental Protection (Assessment of Site Contamination) Measure (ASC NEPM), Volume 2, Schedule B1, Table 1A(1) Health investigation levels for soil contaminants, HIL-A Residential