RECEIVED Madai Corral
By Madai Corral at 2:22 pm, Dec 13, 2021

Appendix 4. Target Action Levels (TALs) to be added to the permit based on observed soil data

Pollutant	Chemical Abstracts Service (CAS) Number	Minimum Quantification Level (MQL) ug/L	Average Target Action Level (ATAL) (chronic value) ug/L	Maximum Target Action Level (MTAL) (acute value) ug/L
Antimony, dissolved	7440-36-0	1.00		640
Anthracene	120-12-7	0.064		40,000
Benzo(a)anthracene	56-55-3	0.064		0.18
Benzo(a)pyrene	50-32-8	0.064		0.18
Benzo(b)fluoranthene	205-99-2	0.064		0.18
Benzo(k)fluoranthene	207-08-9	0.064		0.18
Bis (2-ethylhexyl) phthalate	117-81-7	0.355		22
Butylbenzylphthalate	85-68-7	0.355		1,900
Chrysene	218-01-9	0.064		0.18
Dibenzo(a,h)anthracene	53-70-3	0.064		0.18
Diethylphthalate	84-66-2	0.355		44,000
Dimethylphthalate	131-11-3	0.355		1,100,000
Fluorene	86-73-7	0.064		5,300
Fluoranthene	206-44-0	0.064		140
Indeno-1,2,3-cd-pyrene	193-39-5	0.064		0.18
Phenol	108-95-2	3.55		860,000
Pyrene	129-00-0	0.064		4,000
Strontium-90				3.5 pCi/L
Hexavalent chromium*	18540-29-9	0.155	11	16

* According to the analytical method, hexavalent chromium needs to be preserved immediately upon collection, which is not possible for automated samplers. Therefore, Permittees will collect samples for hexavalent chromium and report the time between collection and preservation.