

PATHWAY ANALYSIS - Standard Construction Specifications

Line Item Reference Number	Document ID	Enter relevant data directly from development code			Summary and description of relevant indicators (uses, activity, or standards) impacting habitat	Formatted Response to two key questions: 1) What is the relationship between the source use or activity, the pathway, and the habitat? 2) What is the rationale for scoring this specific pathway for the following parameters; +/- /0 (Col.10 a), Mag.(Col.11 b), Dur. (Col.12 c), Intensity (Col.13 d)?	Direct	Channelization	Impact to PFC POS - Positive NEG - Negative NTRL - Neutral	Magnitude	Duration	Intensity (Impact to Habitat)	Subtotal	Total Score	
							Def./Quant.	Barriers							
							nQ	Buffers							
							Cond/Q	Contaminants							
Q	Impervious Surfaces	Point=1	Once =1	Low=1											
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LI	DOC	Chapter Name	Sect #	Sect. Name	Description	Discussion/Justification	Filter	Impact	Pathway/Conveyance	+/-/0 (a)	Mag. (b)	Dur. (c)	Int. (d)	ST	Tot.
1	SCS	Division I General technical requirements	I 1.3	Clearing and grubbing	Defines practices of land clearing and grubbing	1 - Removing vegetative cover and loosening soil will result in soil erosion and sedimentation. Stormwater runoff may transport sediments into surface waters and harm water quality and stream habitat. 10(a) - Negative: Clearing and grubbing is a source of contaminants. 11(b) - City: The standard applies to City construction projects. 12(c) - Chronic: The standard will persist until amended. 13(d) - Low: Construction is a source of soil sediments.		Indirect	Contaminants	NEG	3	3	1	7	7
2	SCS	Division II Streets	II.2.C.00	Materials	Soil stabilizing materials: hydrated lime granular quicklime portland cement aggregate	1 - Soil stabilizing materials are a source of contaminants. Stormwater runoff may transport contaminants into surface waters and harm water quality and stream habitat. 10(a) - Negative: Soil stabilizers are a source of contaminants. 11(b) - City: The standard applies to City construction projects. 12(c) - Chronic: The standard will persist until amended. 13(d) - Low: Soil stabilizers are a source of contaminants.		Indirect	Contaminants	NEG	3	3	1	7	7
3	SCS	Division II Streets	II.8.B.02	Seal coats	Asphalt emulsions and sealants	1 - Asphalt emulsions are a source of contaminants. Stormwater runoff may transport contaminants into surface waters and harm water quality and stream habitat. 10(a) - Negative: Asphalt emulsions are a source of contaminants. 11(b) - City: The standard applies to City construction projects. 12(c) - Chronic: The standard persists until amended. 13(d) - Low: Asphalt emulsions are a source of contaminants.		Indirect	Contaminants	NEG	3	3	1	7	7
4	SCS	Division III Sanitary sewers and storm drains	III.1.C.05.4	Topsoil	Soils, aggregate	1 - Topsoils are a source of contaminants. Stormwater runoff may transport soil sediments into surface waters and harm water quality and stream habitat. 10(a) - Negative: Topsoils are a source of contaminants. 11(b) - City: The standard applies to City construction projects. 12(c) - Chronic: The standard will persist until amended. 13(d) - Low: Topsoils are a source of contaminants.		Indirect	Contaminants	NEG	3	3	1	7	7
5	SCS	Division III Sanitary sewers and storm drains	III.4.C.07.6	Non-shrink grout	Sika 212, Euco N-S, Five-Star, or equal	1 - Grout materials may be a source of contaminants. Stormwater runoff may transport contaminants into surface waters and harm water quality and stream habitat. 10(a) - Negative: Grout materials may be a source of contaminants. 11(b) - City: The standard applies to City construction projects. 12(c) - Chronic: The standard will persist until amended. 13(d) - Low: Grout materials are likely to be stable and inert when dried.		Indirect	Contaminants	NEG	3	3	1	7	7
6	SCS	Division IV Water	IV.2.D.15	Sterilization	Chlorinated water, >10 ppm	1 - Chlorinated water is used to sterilize water pipes prior to their use. High concentrations of chlorine can be toxic to benthic organisms. 10(a) - Negative: Chlorinated water may harm habitat. 11(b) - City: The standard applies to City construction projects. 12(c) - Chronic: The standard persists until amended. 13(d) - Low: Frequency and dilution may mitigate impacts to habitat.		Indirect	Contaminants	NEG	3	3	1	7	7