

Memo – #3rd Review, Redlines Response

To: Mark Higginson – City of Puyallup

From: Will McInnis– McInnis Engineering

CC: David Drake, Chris Beale, Bryan Roberts, Brian Johnson, Scott Hill, Josh Grbich – City of Puyallup

Permit #: PRGR20230972-CV1

ME Project Number: 22-245

Date: 10.04.2023

Please see below our responses to the comment memo dated 09.27.2023 for the combined permits #PRGR20230972-CV1. If you have any questions, please do not hesitate to contact me at will@mcinnisengineering.com or 253.141.1992.

Comment	Response	Reviewer	Page
See Civil application PRCCP20230970 for review comments associated with the stormwater report. Incorporate those comments into the CFG design as appropriate. [Storm Report; Pg 1 of 164]	WWHM modeling changed to reflect Rtank sizing	Mark Higginson	1
Callout to protect existing storm conveyance system. [Plans C-2; Pg 2 of 25]	Called out.	Mark Higginson	2
Add: "Regulated Floodplain per". [CSWPPP; Pg 14 of 70]	Added	Mark Higginson	14
Per prior comment, provide sizing calculations for the proposed interceptor swale(s). (Reference CFG Plans, Detail 5/C7). [CSWPPP; Pg 15 of 70]	Swale sizing included	Mark Higginson	15
Replace w City Std Detail 02.03.02. [CSWPPP; Pg 62 of 70]	Replaced	Mark Higginson	62
Replace w City Std Detail 05.02.01. [CSWPPP; Pg 64 of 70]	Replaced	Mark Higginson	64
Verify-TESC Plan label? [Plans C-2; Pg 2 of 28]	Verified	Mark Higginson	2
Provide geotextile impermeable liner properties per Ecology Table V-1.6. Also indicate the line shall be ultraviolet (UV) light resistant. [Plans C-22; Pg 22 of 28]	Note added to plans, table added to report	Mark Higginson	22

Provide geotextile impermeable liner properties per Ecology Table V-1.6. Also indicate the line shall be ultraviolet (UV) light resistant. [Plans C-22; Pg 22 of 28]	Note added to plans, table added to report	Mark Higginson	22
Provide geotextile impermeable liner properties per Ecology Table V-1.6. Also indicate the line shall be ultraviolet (UV) light resistant. [Plans C-28; Pg 28 of 28]	Note added to plans, table added to report	Mark Higginson	28
Remove Sewer Info from CFG application. (Typ) [Plans C-1; Pg 1 of 28]	Removed.	Mark Higginson	1
Add Note: Maintain min. 5ft setback between toe of fill slope and critical area buffer. [Plans C-2; Pg 2 of 28]	Note Added	Mark Higginson	2
Remove Proposed Sewer Info from CFG application. [Plans C-3; Pg 3 of 28]	Removed.	Mark Higginson	3
Verify- Shts C17-C22? [Plans C-3; Pg 3 of 28]	Sheet numbers updated.	Mark Higginson	3
Verify- Grading shown beyond the silt fence. (5 Plcs) [Plans C-3; Pg 3 of 28]	Contours Updated	Mark Higginson	3
Verify. [Plans C-3; Pg 3 of 28]	Verified	Mark Higginson	3
Per prior comment, provide x-section across property line. Clarify how surface water is not ponding (offsite flows being dammed) along the property line as a result of the filling operations. (Typical) (May need to provide a storm conveyance system to collect ponded water) [Plans C-3; Pg 3 of 28]	French Drain Proposed for mitigation	Mark Higginson	3
Remove Proposed Sewer Info from CFG application. [Plans C-4; Pg 4 of 28]	Removed.	Mark Higginson	4
Remove Proposed Sewer Info from CFG application. [Plans C-4; Pg 4 of 28]	Removed.	Mark Higginson	4
Remove Proposed Sewer Info from CFG application. [Plans C-5; Pg 5 of 28]	Removed.	Mark Higginson	5
Remove Proposed Sewer Info from CFG application. [Plans C-6; Pg 6 of 28]	Removed.	Mark Higginson	6
Per prior comment-Add City Standard General Notes per CS Section 2.4. [Plans C-7; Pg 7 of 28]	Notes Added	Mark Higginson	7
Add Note: Maintain min. 5ft setback between toe of fill slope and critical area buffer. [Plans C-9; Pg 9 of 28]	Note Added	Mark Higginson	9
Add Note: Maintain min. 5ft setback between toe of fill slope and critical area buffer. [Plans C-9; Pg 9 of 28]	Note Added	Mark Higginson	9
Per prior comment-Provide H/V scale per City Stds. The consistency between the horizontal scale and the vertical scale shall be on a ratio of 10 to 1 (i.e., 1" = 20' horizontal; 1" = 2' vertical). [Plans C-9; Pg 9 of 28]	Scale changed	Mark Higginson	9
Per prior comment-Provide H/V scale per City Stds. The consistency between the horizontal scale and the vertical scale shall be on a ratio of 10 to 1 (i.e., 1" = 20' horizontal; 1" = 2' vertical). [Plans C-10; Pg 10 of 28]	Scale changed	Mark Higginson	10

Per prior comment-Revise to "minimum 30mil ultraviolet (UV) light resistant impermeable geomembrane liner". [Plans C-12; Pg 12 of 28]	Revised	Mark Higginson	12
Per prior comment-Provide buoyancy calculations prior to CFG approval and include in the project storm report. Per Krazan Report, high groundwater at MW1 and MW2 is El. 69.84 and 70.63, respectively. [Plans C-12; Pg 12 of 28]	Added to report	Mark Higginson	12
Per prior comment-Provide geotextile impermeable liner properties per Ecology Table V-1.6. Also indicate the line shall be ultraviolet (UV) light resistant. [Plans C-16; Pg 16 of 28]	Note added to plans, table added to report	Mark Higginson	16
Per tel-con 9-26-23, revise WWHM calculations in the CSWWP, Appendix C, or tank sizing as appropriate. [Plans C-19; Pg 19 of 28]	Updated WWHM calcs	Mark Higginson	19
Per prior comment-Provide geotextile impermeable liner properties per Ecology Table V-1.6. Also indicate the line shall be ultraviolet (UV) light resistant. [Plans C-22; Pg 22 of 28]	Note Added	Mark Higginson	22
Per prior comment-Revise to "minimum 30mil ultraviolet (UV) light resistant impermeable geomembrane liner". [Plans C-24; Pg 24 of 28]	Note Added	Mark Higginson	24
Per prior comment-Provide buoyancy calculations prior to CFG approval and include in the project storm report. Per Krazan Report, high groundwater at MW1 and MW2 is El. 69.84 and 70.63, respectively. [Plans C-24; Pg 24 of 28]	Added to report	Mark Higginson	24
Per tel-con 9-26-23, revise WWHM calculations in the CSWWP, Appendix C, or tank sizing as appropriate. [Plans C-24; Pg 24 of 28]	Updated WWHM calcs	Mark Higginson	24
Per tel-con 9-26-23, revise WWHM calculations in the CSWWP, Appendix C, or tank sizing as appropriate. [Plans C-25; Pg 25 of 28]	Updated WWHM calcs	Mark Higginson	25
Provide geotextile impermeable liner properties per Ecology Table V-1.6. Also indicate the line shall be ultraviolet (UV) light resistant. [Plans C-28; Pg 28 of 28]	Note Added	Mark Higginson	28
Per prior comment-Provide geotextile impermeable liner properties per Ecology Table V-1.6. Also indicate the line shall be ultraviolet (UV) light resistant. [Plans C-28; Pg 28 of 28]	Note Added	Mark Higginson	28
Add back: "and Dust Control". [CSWPPP; Pg 6 of 210]	Added	Mark Higginson	6
BMPs C151, C153, C154? [CSWPPP; Pg 7 of 210]	Added	Mark Higginson	7
Per tel-con 9-26-23, revise WWHM calculations or tank sizing as appropriate. [CSWPPP; Pg 24 of 210]	Updated WWHM calcs	Mark Higginson	24
Per prior comment-Revise to "minimum 30mil ultraviolet (UV) light resistant impermeable geomembrane liner". [Plans C-18; Pg 18 of 28]	Note Added	Mark Higginson	18

Per prior comment-Provide buoyancy calculations prior to CFG approval and include in the project storm report. Per Krazan Report, high groundwater at MW1 and MW2 is El. 69.84 and 70.63, respectively. [Plans C-18; Pg 18 of 28]	Added to report	Mark Higginson	18
Per tel-con 9-26-23, revise WWHM calculations in the CSWWP, Appendix C, or tank sizing as appropriate. [Plans C-18; Pg 18 of 28]	Updated WWHM calcs	Mark Higginson	18
Make Corrections Noted. [Cost Estimate]	Updated	Mark Higginson	