

2018 English Standards & Quantity Estimates

Name: VHB
 Project Engineer: Courtney Carpenter, PE

Date: 12/16/20

CONTRACT # 50401.2.1FS1
 TIP # I-5711

COUNTY Alamance
 LETTING 12/21/2021

DIV. 7

RDY, PS or DDC? RDY
 MILEAGE 0.563 miles

STANDARDS NEEDED:

- 1605.01 (TSF)
- 1606.01 (SSCF)
- 1607.01 (GCE)
- 1622.01 (TSDN)
- 1632.03 (RIST-C)
- 1633.01 (SC-A)
- 1633.02 (SC-B)
- 1630.05 (T.DIV)
- 1635.02 (PIST-B)
- 1640.01 (BAFFLE)
- 1631.01 (MATT)

DETAILS NEEDED:

- Skimmer Basin
- Coir Fiber Wattle with PAM
- TRSC-A with Matting & PAM

SUMMARY SHEETS NEEDED:

- Matting Summary Sheet
- Stabilization Guidelines

REFORESTATION SHEETS:

OF YEARS FOR PROJECT CONSTRUCTION

MAINTENANCE FACTOR 1.5 1 YRS

CONSTRUCTION ENTRANCES

OF ENTRANCES: 12
 FILTRATION GEOTEXTILE REQUIRED 900 SY
 CLASS A STONE REQUIRED 300 TONS

SPECIAL STILLING BASINS

NO. OF DRILLED PIERS 0
 # OF SPECIAL STILLING BASINS 0 EA
 FILTRATION GEOTEXTILE REQUIRED 0 SY
 SEDIMENT CONTROL STONE 0 TON

OF SILT CHECKS TYPE A with MATTING & PAM

MATTING FOR EROSION CONTROL REQUIRED 35 SY
 POLYACRYLAMIDE (PAM) REQUIRED 32 LB

OF WATTLES WITHOUT PAM 0

OF COIR FIBER WATTLES WITHOUT PAM 0

OF TEMPORARY STREAM CROSSINGS

FILTRATION GEOTEXTILE REQUIRED 0 SY
 TEMPORARY PIPE FOR STREAM CROSSING 0 LF
 SEDIMENT CONTROL STONE 0 TON
 EROSION CONTROL STONE, CLASS B 0 TON

OF CSX RAILROAD BRIDGE CROSSINGS

TEMPORARY SILT FENCE REQUIRED 0 LF
 FILTRATION GEOTEXTILE REQUIRED 0 SY

ADDITIONAL PROJECT INFORMATION

RIPARIAN BUFFERS (50 FT.) ON PROJECT NO

HIGH QUALITY WATER (HQW) ON PROJECT NO

DESIGN STANDARDS IN SENSITIVE WATERSHEDS (DSSW) NO

303(d) STREAM FOR CONSTRUCTION-RELATED TURBIDITY NO

BORROW EXCAVATION QUANTITY 0 CY

PROJECT IN FALLS LAKE WATERSHED NO

PROJECT IN JORDAN LAKE WATERSHED YES

WATTLES IN DITCHLINE WITHOUT PAM YES

WATTLES USED AS SILT FENCE BREAKS NO

CRIMPING SP NEEDED ON PROJECT: NO

CCPCUA PERMIT AND SP REQUIRED : NO

SPECIAL PROVISIONS NEEDED:

- 1. SEEDMIX TYPE: East
- 3. NUTRIENT MANAGEMENT TRAINING (add above Temp. Seeding)
- 6. LAWNFINISH
- 12. RESPONSE
- 16. MINIMIZE
- 17. STOCKPILE/HAUL ROAD
- 18. MATERIALS MANAGEMENT
- 19. WASTE/BORROW
- 20. TEMP. DIVERSION
- 23. SAFETY FENCE
- 25. SKIMMER BASIN
- 32. COIR FIBER WATTLES WITH PAM
- 36. TRSC-A W/ MAT & PAM
- 41. COIR FIBER MAT
- 52. CONC. WASHOUT STR.

Project Quantities

ITEM NUMBER	SECTION	TRNS-PORT ITEM DESCRIPTION	QUANTITY	UNIT
019600000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	100	SY
107700000-E	1005	#57 STONE	0	TON
362800000-E	876	RIP RAP, CLASS I	0	TON
363500000-E	876	RIP RAP, CLASS II	0	TON
364200000-E	876	RIP RAP, CLASS A	0	TON
364900000-E	876	RIP RAP, CLASS B	0	TON
365100000-E	SP	BOULDERS	0	TON
365600000-E	876	GEOTEXTILE FOR DRAINAGE	1350	SY
600000000-E	1605	TEMPORARY SILT FENCE	7880	LF
600600000-E	1610	EROSION CONTROL STONE, CLASS A	525	TON
600900000-E	1610	EROSION CONTROL STONE, CLASS B	4500	TON
601200000-E	1610	SEDIMENT CONTROL STONE	4360	TON
601500000-E	1615	TEMPORARY MULCHING	36.50	ACR
601800000-E	1620	SEED FOR TEMPORARY SEEDING	500.00	LB
602100000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	3.50	TON
602400000-E	1622	TEMPORARY SLOPE DRAINS	200	LF
602900000-E	SP	SAFETY FENCE	600	LF
603000000-E	1630	SILT EXCAVATION	900	CY
603600000-E	1631	MATTING FOR EROSION CONTROL:	8800	SY+DITCH
603700000-E	SP	COIR FIBER MAT	160	SY
603800000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	0 SY	+
604200000-E	1632	1/4" HARDWARE CLOTH	0 SY	+
604300000-E	SP	LOW PERMEABILITY GEOTEXTILE	0	SY
604500000-E	SP	*** TEMPORARY PIPE - (15")	0	LF
604500000-E	SP	*** TEMPORARY PIPE - (18")	0	LF
604500000-E	SP	*** TEMPORARY PIPE - (24")	0	LF
604500000-E	SP	*** TEMPORARY PIPE - (36")	0	LF
604600000-E	1636	TEMPORARY PIPE FOR STREAM CROSSING	0	LF
604800000-E	SP	FLOATING TURBIDITY CURTAIN	9803	SY
606900000-E	1638	STILLING BASINS	0	CY
607000000-N	1639	SPECIAL STILLING BASINS	0	EA
607101000-E	SP	WATTLE	0	LF
607101200-E	SP	COIR FIBER WATTLE	90	LF
607101300-E	SP	WATTLE BARRIER	0	LF
607101400-E	SP	COIR FIBER WATTLE BARRIER	0	LF
607102000-E	SP	POLYACRYLAMIDE (PAM)	60	LB
607103000-E	1640	COIR FIBER BAFFLE	222	LF
607105000-E	SP	*** SKIMMER - (1-1/2")	1	EA
607105000-E	SP	*** SKIMMER - (2")	0	EA
607105000-E	SP	*** SKIMMER - (2-1/2")	0	EA
607105000-E	SP	*** SKIMMER - (3")	0	EA
607105000-E	SP	*** SKIMMER - (4")	0	EA
607105000-E	SP	*** SKIMMER - (5")	0	EA
608400000-E	1660	SEEDING AND MULCHING	36.50	ACR
608700000-E	1660	MOWING	18.25	ACR
609000000-E	1661	SEED FOR REPAIR SEEDING	100.00	LB
609300000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25	TON
609600000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	150.00	LB
610500000-E	1663	WATER	0.0	M/G
610800000-E	1665	FERTILIZER TOPDRESSING	4.50	TON
611100000-E	SP	IMPERVIOUS DIKE	0	LF
611450000-N	1667	SPECIALIZED HAND MOWING	10	MHR
611700000-N	1675	RESPONSE FOR EROSION CONTROL	25	EA
611800000-N	SP	ROOTWADS	0	EA
612000000-E	SP	CULVERT DIVERSION CHANNEL	0	CY
612300000-E	1670	REFORESTATION	0.00	ACR
612600000-E	SP	STREAMBANK REFORESTATION	0.00	ACR
612900000-E	SP	WETLAND REFORESTATION	0	ACR
611750000-N	SP	CONCRETE WASHOUT STRUCTURE	4	EA
613500000-E	SP	GENERIC EROSION CONTROL ITEM - DISKING	0	ACR
613500000-E	SP	GENERIC EROSION CONTROL ITEM - RIPPING	0	ACR
613500000-E	SP	GENERIC EROSION CONTROL ITEM - WETLAND GRASS PLANTING	0	ACR
613500000-E	SP	GENERIC EROSION CONTROL ITEM - COMPOST BLANKET	0	ACR

Project Checklist

TIP

DATE

CHECKED BY

ROADWAY/PS/DDI

- SKIMMER/TIERED SKIMMER BASIN DETAIL(S) INCLUDED
- EARTHEN DAM WITH SKIMMER DETAIL INCLUDED
- INFILTRATION BASIN DETAIL INCLUDED
- BORROW PIT DEWATERING BASIN DETAIL INCLUDED
- WATTLE/COIR FIBER WATTLE DETAIL(S) INCLUDED
- SILT CHECK TYPE A WITH MATTING AND PAM DETAIL INCLUDED
- MATTING SUMMARY SHEET(S) AND STABILIZATION GUIDELINES INCLUDED
- ENV. SENS. AREAS SHOWN ON PLAN SHEETS (TROUT/HQW/CA/303(d)/DSSW/STREAM RELOCATION)
- NEUSE/TAR-PAM/JORDAN LAKE/RANDLEMAN/CATAWBA RIVER BASIN (ESA)
- TREE REFORESTATION SHEET INCLUDED (APPROPRIATE WORDING IN SP)
- STREAMBANK/WETLAND/BUFFER REFORESTATION SHEETS INCLUDED
- STREAMBANK REFORESTATION SHOWN ON PLANS (MATTING ON SLOPE NOTE)
- STILLING BASIN NOTE (BRIDGES OVER WATER)
- EARTH BERMS/CLEAN WATER DIVERSION WITH DETAIL ON PLANS
- CULVERT PHASING ON PLANS/QUANTITIES INCLUDED
- TEMPORARY PIPE(S) QUANTITY (CULVERTS & STREAM CROSSING)
- SKIMMER BASIN QUANTITIES INCLUDED
- RISER BASIN QUANTITIES INCLUDED
- GRAVEL CONST. ENT. QUANTITIES INCLUDED
- STREAM RELOCATION QUANTITIES & SP'S INCLUDED
- SAFETY FENCE QUANTITY INCLUDED
- PLAN DESIGNED TO HQW/SENSITIVE WATERSHED STANDARDS
- QUANTITIES MATCH
- SPECIAL PROVISIONS MATCH

TITLE SHEET	
CORRECT TIP PROJECT NUMBER	<input type="checkbox"/>
NOTES (HQW/ESA/303(d)/SENS WATER STD/C & G)	<input type="checkbox"/>
CORRECT STANDARDS	<input type="checkbox"/>
BEGIN & ENDING PROJ. TIP NUMBER	<input type="checkbox"/>

SPECIAL PROVISIONS (PDF) PUT IN CONTRACTS FOLDER	<input type="checkbox"/>
LATE - EMAILED TO: _____	
DATE: _____	
BY: _____	

COMMENTS & NOTES: _____
