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**ALAMANCE  
AGGREGATES, LLC**

Mr. Chad Threatt, VP

**Snow Camp Mine**

2	3/31/20	NCDEMLR COMMENTS
1	1/20/20	ADDITIONAL STREAM INFO - ALAM. AGG. & LAND QUALITY COMMENTS
NO.	DATE	DESCRIPTION
REVISIONS		
PROJECT NUMBER:		2190335
DRAWN BY:		KCG/ATC/BWS
REVIEWED BY:		PAS
ISSUED FOR:		CONSTRUCTION
DATE:		4/8/20
DRAWING NAME:		

**1"=60'  
SEDIMENTATION &  
EROSION CONTROL PLAN**

DRAWING NUMBER:

**C301E**



**SKIMMER BASIN #2**  
BOTTOM ELEVATION: 567.50  
WATER LEVEL ELEVATION: 571.00  
TOP DAM ELEVATION: 572.50  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 5'  
MIN SURFACE AREA: 1,352 SQFT  
MIN VOLUME: 3,050 CUFT  
ORIFICE DIA: 1.00"  
SKIMMER SIZE: 2.00"

**SKIMMER BASIN #1**  
BOTTOM ELEVATION: 564.00  
WATER LEVEL ELEVATION: 567.50  
TOP DAM ELEVATION: 569.00  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 11'  
MIN SURFACE AREA: 3,570 SQFT  
MIN VOLUME: 9,357 CUFT  
ORIFICE DIA: 1.50"  
SKIMMER SIZE: 2.00"

**SKIMMER BASIN #16**  
BOTTOM ELEVATION: 569.00  
WATER LEVEL ELEVATION: 572.00  
TOP DAM ELEVATION: 574.00  
TOP OF DAM WIDTH: 4'  
WEIR LENGTH: 4'  
MIN SURFACE AREA: 3,080 SQFT  
MIN VOLUME: 6,405 CUFT  
ORIFICE DIA: 1.50"  
SKIMMER SIZE: 2.00"

**SKIMMER BASIN #12**  
BOTTOM ELEVATION: 575.50  
WATER LEVEL ELEVATION: 579.00  
TOP DAM ELEVATION: 581.00  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 4'  
MIN SURFACE AREA: 966 SQFT  
MIN VOLUME: 1,712 CUFT  
ORIFICE DIA: 0.75"  
SKIMMER SIZE: 1.50"

**SKIMMER BASIN #28**  
BOTTOM ELEVATION: 583.00  
WATER LEVEL ELEVATION: 586.00  
TOP DAM ELEVATION: 587.50  
TOP OF DAM WIDTH: 9'  
WEIR LENGTH: 4'  
MIN SURFACE AREA: 780 SQFT  
MIN VOLUME: 1,360 CUFT  
ORIFICE DIA: 1.25"  
SKIMMER SIZE: 3.00"

**SKIMMER BASIN #13**  
BOTTOM ELEVATION: 600.00  
WATER LEVEL ELEVATION: 603.00  
TOP DAM ELEVATION: 604.50  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 10'  
MIN SURFACE AREA: 3,200 SQFT  
MIN VOLUME: 7,584 CUFT  
ORIFICE DIA: 1.50"  
SKIMMER SIZE: 2.00"

**SKIMMER BASIN #9**  
BOTTOM ELEVATION: 593.00  
WATER LEVEL ELEVATION: 596.50  
TOP DAM ELEVATION: 598.50  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 6'  
MIN SURFACE AREA: 5,940 SQFT  
MIN VOLUME: 16,034 CUFT  
ORIFICE DIA: 1.50"  
SKIMMER SIZE: 2.00"

**SKIMMER BASIN #11**  
BOTTOM ELEVATION: 577.50  
WATER LEVEL ELEVATION: 581.00  
TOP DAM ELEVATION: 583.00  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 4'  
MIN SURFACE AREA: 4,000 SQFT  
MIN VOLUME: 10,283 CUFT  
ORIFICE DIA: 1.50"  
SKIMMER SIZE: 2.00"

**SKIMMER BASIN #3**  
BOTTOM ELEVATION: 570.50  
WATER LEVEL ELEVATION: 574.00  
TOP DAM ELEVATION: 575.50  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 15'  
MIN SURFACE AREA: 4,640 SQFT  
MIN VOLUME: 12,647 CUFT  
ORIFICE DIA: 1.50"  
SKIMMER SIZE: 2.00"

**SKIMMER BASIN #29**  
BOTTOM ELEVATION: 579.50  
WATER LEVEL ELEVATION: 583.00  
TOP DAM ELEVATION: 584.50  
TOP OF DAM WIDTH: 5'  
WEIR LENGTH: 4'  
MIN SURFACE AREA: 700 SQFT  
MIN VOLUME: 1,331 CUFT  
ORIFICE DIA: 1.50"  
SKIMMER SIZE: 2.00"

Date & Time: 4/8/2020 1:49 PM By: Sherill Brandon Path: Y:\2190335-Snow Camp Mine\CAD\Civil\Chad3\DWG\Snow Camp Plan Sheets.dwg

MATCHLINE-SHEET C301B

MATCHLINE-SHEET C301C

