



Kontur Geotechnical Consultants Inc.

Unit 107 - 2071 Kingsway Avenue
Port Coquitlam, B.C. V3C 6N2



CONCRETE TEST REPORT

PROJECT NO.: K-211303-01

CLIENT: PSA ENGINEERING LTD.

C.C.: ADAMS CONCRETE LTD.

TO: PSA ENGINEERING LTD.
4740 JOYCE AVE
POWELL RIVER, BC
V8A 3B6

ATTN: Sean McGinn

PROJECT: PSA ENGINEERING LTD.
WASTEWATER TREATMENT PLANT POWELL RIVER

LOCATION: POWELL RIVER

SET NO.: 268 SPECIMENS: 6 CAST: 2022.Aug.31 TRANSPORTED: 2022.Sep.02 10:30 BY: PSA REC'D: 2022.Sep.02 BY: AP

SPCM NO.	SPECIMEN TYPE	SPECIMEN MASS (g)	CURE COND.	DATE TESTED	AGE AT TEST (DAYS)	TESTED BY	AVERAGE DIAMETER (mm) OR SIDE (mm x mm)	AVERAGE LENGTH OR SPAN (mm)	MAXIMUM LOAD (kN)	COMPRESSIVE OR FLEXURAL STRENGTH (MPa) Average	FRACTURE TYPE
A	Cylinder	3940	Lab	Sep.07	7	GV	101.6	203.2	276	34.0	
B	Cylinder	3950	Lab	Sep.14	14	GV	101.6	203.2	327	40.3	
C	Cylinder	3951	Lab	Sep.28	28	GV	101.6	203.2	338	41.7	
D	Cylinder	3946	Lab	Oct.26	56		101.6	203.2			
E	Cylinder	3889	Lab	Oct.26	56		101.6	203.2			
F	Cylinder	3910	Lab	Nov.29	90		101.6	203.2			

SPECIFIED STRENGTH: 35 MPa @ 56 DAYS

CEMENT CONTENT: kg/m³
CEMENT TYPE: GU
POZZOLAN CONTENT: kg/m³
POZZOLAN TYPE: FA
MAXIMUM SIZE AGGREGATE: 20 mm

BATCH TIME: 10:45
ADMIXTURES: GLENIUM 30/30 1.75L

SUPPLIER: ADAMS CONCRETE LTD.

MIX NO.: W2 (165)

TRUCK NO.: 1 TICKET: 4478

LOAD VOL.: 3.5 m³ CUM. VOL. 3.5 m³

WATER ADDED: | AUTH. BY:

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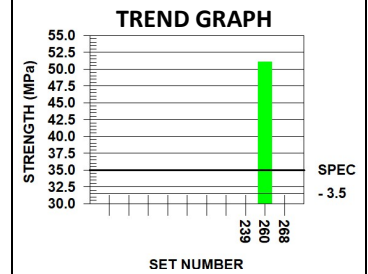
CONCRETE TEMPERATURE: 21.0 °C
AIR TEMPERATURE: 20.0 °C
SLUMP: 135 mm SPEC.: 165 ±
SLUMP FLOW: mm SPEC.: ±
FLOW TIME: sec SPEC.:
AIR: 5.0 % SPEC.: 6.5 ± 1.5
PLASTIC DENSITY: kg/m³
HARDENED DENSITY: kg/m³

CAST TIME: 11:40
CAST BY: JW PSA
CURING CONDITIONS: CURED IN COOLER IN ENGINEERING OFFICE

INITIAL CURING TEMP: MAXIMUM 24.5 °C MINIMUM 19.0 °C

LOCATION:
TREATMENT SIDEWALK

COMMENTS:
CAST BY PSA ENGINEERING LTD.
WWTP SC21020, SET 268.



Gody Viana, A.Sc.T.

Field + Quality Manager

Kontur Geotechnical Consultants Inc. PER.

All testing completed in accordance with CSA standards. Reporting of these test results constitutes a testing service only.
Engineering interpretation or evaluation of test results is not provided.