TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DS01 Pacility ID (e.g. DS01, PBCU001) PBCU002 Name of Authorized PWS Representative (Print) PBCU003 PBCU001 state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10) ers. This includes, but not limited to the me Low proper PWS Contact Phone # TREATMENT . EWQP EWQP EWQP DSTWQP ibitor or Stablizer Used (ग) PWS Addr Sample Point PWS Contact DSTWQP, EWQP) perature and pH (Y or N). Sample Type (v): 2088 FM 949, Plant 3 PT 2088 FM 949, Plant 2 PT 979-733-3017 2088 FM 949, Alleyton 2088 FM 949, Outside HB near 2088 FM 949, Plant 1 PT Fred Walker **Boral Concrete Products Alleyton Plant** Dispatch is true and correct and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sai TX0450108 2 Dosage Rate: Sample Location Are temperature and pH included on the Approval Form on file at the TCEQ? ublic Water System lately upon collection. Falsification of this form or tampering with water samples is a crime punishable 06/6/0 2005 OC1210 041610 12120 Date (MMDDYY) sampling entity's Laboratory lieted by PWS (or Agent) 21/2000 Inhibitor Dosage Rate: Accredited Lab Sample Collection 25/5 10:36 1027 000 101 Time - 24 hr (HHMM) WATER QUALITY PARAMETER MONITORING FORM 20679 Received By Lab (Signature) 4 Strike Water Organization し lid Party Contractor → LAB ID الم Fleid Measurements 2 0 PH ature and pH measured in the field within 15 minutes of sample 3 Temp (°C) Replacement? (√) Date AL007274 Original Sample ID # ALS 12020 **Laboratory Contact Phor** Laboratory Na TCEQ Lab ID #: Original Sample Date (MMDDYY) 1-21-20 Date/Time:/348 Services, Inc. (NWDLS) TX204, Accreditation ID: T104704238 **Laboratory Comments:** 936-321-6060 Ruth Wills 8725 Fawn Trail North Water District Laboratory 2043053-01 The Woodlands, TX 77385 Parameters Requested: Analyses are required for the parameters checked. *If inhibitors containing phosphate or silica are used, then these parameters should also be 12/2 Lab Sample ID red unpreserved? 20 20 92 らか Alkalinity (1927) < Calcium (1919) < 2 < Chloride (1017) Thermometer ID # < < Hardness (1915) < < < 193494661 < Sulfate (1055) 20A305 < < 2 < TDS (1930) O-Phosphate (1044) * Silica (1049) *

Pf 3 of 3 pm

AD028 1.3, Effective 06/19/2018, Issued by NWDLS, Page 1 of 2

4 1119 Page 1 of 17

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DS01 Pacility ID (e.g. DS01, PBCU001) PBCU002 Name of Authorized PWS Representative (Print) PBCU003 PBCU001 state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10) ers. This includes, but not limited to the me Low proper PWS Contact Phone # TREATMENT . EWQP EWQP EWQP DSTWQP ibitor or Stablizer Used (ग) PWS Addr Sample Point PWS Contact DSTWQP, EWQP) perature and pH (Y or N). Sample Type (v): 2088 FM 949, Plant 3 PT 2088 FM 949, Plant 2 PT 979-733-3017 2088 FM 949, Alleyton 2088 FM 949, Outside HB near 2088 FM 949, Plant 1 PT Fred Walker **Boral Concrete Products Alleyton Plant** Dispatch is true and correct and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sai TX0450108 2 Dosage Rate: Sample Location Are temperature and pH included on the Approval Form on file at the TCEQ? ublic Water System lately upon collection. Falsification of this form or tampering with water samples is a crime punishable 06/6/0 2005 OC1210 041610 12120 Date (MMDDYY) sampling entity's Laboratory lieted by PWS (or Agent) 21/2000 Inhibitor Dosage Rate: Accredited Lab Sample Collection 25/5 10:36 1027 000 101 Time - 24 hr (HHMM) WATER QUALITY PARAMETER MONITORING FORM 20679 Received By Lab (Signature) 4 Strike Water Organization し lid Party Contractor → LAB ID الم Fleid Measurements 2 0 PH ature and pH measured in the field within 15 minutes of sample 3 Temp (°C) Replacement? (√) Date AL007274 Original Sample ID # ALS 12020 **Laboratory Contact Phor** Laboratory Na TCEQ Lab ID #: Original Sample Date (MMDDYY) 1-21-20 Date/Time:/348 Services, Inc. (NWDLS) TX204, Accreditation ID: T104704238 **Laboratory Comments:** 936-321-6060 Ruth Wills 8725 Fawn Trail North Water District Laboratory 2043053-01 The Woodlands, TX 77385 Parameters Requested: Analyses are required for the parameters checked. *If inhibitors containing phosphate or silica are used, then these parameters should also be 12/2 Lab Sample ID red unpreserved? 20 20 92 らか Alkalinity (1927) < Calcium (1919) < 2 Chloride (1017) < Thermometer ID # < < Hardness (1915) < < < 193494661 < Sulfate (1055) 20A305 Page 2 of 17 < < 2 < TDS (1930) O-Phosphate (1044) * Silica (1049) *

Pf 3 of 5 pm

AD028 1.3, Effective 06/19/2018, Issued by NWDLS, Page 1 of 2

4 1119



130 S. Trade Center Parkway, Conroe TX 77385

Tel: (936) 321-6060

Email: lab@nwdls.com

www. NWDLS.com

TCEQ T104704238-20-31

TCEQ-TOX T104704202-20-14

November 06, 2020

PWS_0450108_AC_20200121_WQP Analysis Report

LABORATORY REPORT

Lisa Brooks Strike Water Services 5042 Gessner Rd Houston, TX 77041

RE: Boral Concrete Products Alleyton Plant - WQP

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted. These analytical results related to the sample(s) tested. This report may not be reproduced or duplicated except in full without written approval of NWDLS.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Ruth Wills

Water Quality Project Manager

Lisa Brooks

01/21/2020 10:14

01/21/2020 13:43



TCEQ-TOX T104704202-20-14



PWS_0450108_AC_20200121_WQP Analysis Report

Sample Matrix

Sampled

Received

Collected by

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Laboratory Sample Results

Lab Sample ID 20A3053-01

Facility ID PBCU001

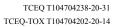
Sample Point ID EWQP

Sample Location 2088 FM 949 Plant 1 PT

Sample Type Grab

Method	Analyte	*	Result Units	DF	MRL	Batch	Analyzed	Analyst	DQ
SM 2320 B	Alkalinity as CaCO3	А	119 mg/L	1	10.0	BDA2764	01/22/2020 16:51	NJA	
EPA 200.7	Calcium	N	38.6 mg/L	1	1.02	BDA3268	01/27/2020 14:13	ТВВ	
SM 2510 B	Conductivity	Α	283 umhos/cm @ 25 °C	1	2.00	BDA2764	01/22/2020 16:51	NJA	
SM 2340 B	Hardness		109 mg/L	1	6.71	[CALC]	01/27/2020 14:13	ТВВ	
EPA 200.7	Iron	Α	<0.0305 mg/L	1	0.0305	BDA3268	01/27/2020 14:13	ТВВ	
EPA 200.7	Magnesium	Α	2.96 mg/L	1	1.02	BDA3268	01/27/2020 14:13	ТВВ	СВ
EPA 200.7	Manganese	Α	<0.0102 mg/L	1	0.0102	BDA3268	01/27/2020 14:13	ТВВ	
SM 4500-H+ B	рН	N	7.90 pH Units @ 25 °C	1	1.00	BDA2690	01/21/2020 10:14	LB	
SM 2540 C	Residue-filterable (TDS)	Α	193 mg/L	1	10.0	BDA3385	01/30/2020 17:28	AKA	
EPA 200.7	Sodium	Α	13.2 mg/L	1	4.06	BDA3268	01/27/2020 14:13	ТВВ	
SM 2550 B	Temperature °C Field	N	25.0 °C	1	1.00	BDA2690	01/21/2020 10:14	LB	







PWS_0450108_AC_20200121_WQP Analysis Report

Sample Matrix

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

5042 Gessner Rd PWS TX ID: 0450108 Reported: Houston, TX 77041 Project Manager: Lisa Brooks 11/06/2020 16:12

Laboratory Sample Results (Continued)

Lab Sample ID 20A3053-01RE1

Facility ID

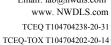
Sample Point ID

Sample Location

Sample Type Grab

PBCU001	Sampled	01/21/2020 10:14
EWQP	Collected by	Lisa Brooks
2088 FM 949 Plant 1 PT	Received	01/21/2020 13:43

Method	Analyte	*	Result Units	DF	MRL	Batch	Analyzed	Analyst	DQ
EPA 300.0	Chloride (Rerun)	Α	12.5 mg/L	1	0.400	BDA3030	01/23/2020 06:30	EM	
EPA 300.0	Sulfate (Rerun)	Α	3.60 mg/L	1	1.00	BDA3785	02/01/2020 04:24	EM	



Analyst



PWS_0450108_AC_20200121_WQP Analysis Report

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

Docult Unite

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Laboratory Sample Results (Continued)

Lab Sample ID 20A3053-02

Facility ID PBCU002

Sample Point ID EWQP

Sample Location 2088 FM 949 Plant 2 PT

Analyte

Sample Type Grab

Method

Sample Matrix	Drinking Water
Sampled	01/21/2020 10:27
Collected by	lisa Brooks
Received	01/21/2020 13:43

Analyzed

Method	Analyte	*	Result Units	DF	MRL	Batch	Analyzeu	Analyst	DQ
SM 2320 B	Alkalinity as CaCO3	А	168 mg/L	1	10.0	BDA2764	01/22/2020 17:27	NJA	
EPA 200.7	Calcium	N	44.8 mg/L	1	1.02	BDA3268	01/27/2020 14:16	TBB	
SM 2510 B	Conductivity	Α	381 umhos/cm @ 25 °C	1	2.00	BDA2764	01/22/2020 17:27	NJA	
SM 2340 B	Hardness		141 mg/L	1	6.71	[CALC]	01/27/2020 14:16	TBB	
EPA 200.7	Iron	Α	<0.0305 mg/L	1	0.0305	BDA3268	01/27/2020 14:16	TBB	
EPA 200.7	Magnesium	Α	7.21 mg/L	1	1.02	BDA3268	01/27/2020 14:16	TBB	СВ
EPA 200.7	Manganese	Α	<0.0102 mg/L	1	0.0102	BDA3268	01/27/2020 14:16	TBB	
SM 4500-H+ B	рН	N	7.70 pH Units @ 25 °C	1	1.00	BDA2690	01/21/2020 10:27	LB	
SM 2540 C	Residue-filterable (TDS)	Α	231 mg/L	1	10.0	BDA3385	01/30/2020 17:28	AKA	
EPA 200.7	Sodium	Α	27.3 mg/L	1	4.06	BDA3268	01/27/2020 14:16	TBB	
SM 2550 B	Temperature °C Field	N	23.0 °C	1	1.00	BDA2690	01/21/2020 10:27	LB	

DE MDI

Ratch



TCEQ T104704238-20-31 TCEQ-TOX T104704202-20-14



PWS_0450108_AC_20200121_WQP Analysis Report

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

5042 Gessner Rd PWS TX ID: 0450108 Reported: Houston, TX 77041 Project Manager: Lisa Brooks 11/06/2020 16:12

Laboratory Sample Results (Continued)

Lab Sample ID 20A3053-02RE1

Facility ID

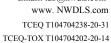
Sample Point ID

Sample Location

Sample Type Grab

Sample Matrix Drinking Water Sampled 01/21/2020 10:27 PBCU002 Collected by lisa Brooks **EWQP** Received 2088 FM 949 Plant 2 PT 01/21/2020 13:43

Method	Analyte	*	Result Units	DF	MRL	Batch	Analyzed	Analyst	DQ
EPA 300.0	Chloride (Rerun)	Α	11.3 mg/L	1	0.400	BDA3030	01/23/2020 07:10	EM	
EPA 300.0	Sulfate (Rerun)	Α	9.36 mg/L	1	1.00	BDA3785	02/01/2020 04:44	EM	





Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Laboratory Sample Results (Continued)

Lab Sample ID 20A3053-03

Facility ID PBCU003

Sample Point ID EWQP

Sample Location 2088 fm 949 Plant 3 PT

Sample Type Grab

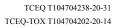
Sample Matrix Drinking Water
Sampled 01/21/2020 10:36

Collected by lisa Brooks

Received 01/21/2020 13:43

Method	Analyte	*	Result Units	DF	MRL	Batch	Analyzed	Analyst	DQ
SM 2320 B	Alkalinity as CaCO3	Α	110 mg/L	1	10.0	BDA2764	01/22/2020 17:35	NJA	
EPA 200.7	Calcium	N	40.4 mg/L	1	1.02	BDA3268	01/27/2020 14:18	TBB	
SM 2510 B	Conductivity	Α	301 umhos/cm @ 25 °C	1	2.00	BDA2764	01/22/2020 17:35	NJA	
SM 2340 B	Hardness		111 mg/L	1	6.71	[CALC]	01/27/2020 14:18	TBB	
EPA 200.7	Iron	Α	<0.0305 mg/L	1	0.0305	BDA3268	01/27/2020 14:18	TBB	
EPA 200.7	Magnesium	Α	2.34 mg/L	1	1.02	BDA3268	01/27/2020 14:18	TBB	СВ
EPA 200.7	Manganese	Α	<0.0102 mg/L	1	0.0102	BDA3268	01/27/2020 14:18	TBB	
SM 4500-H+ B	рН	N	7.90 pH Units @ 25 °C	1	1.00	BDA2690	01/21/2020 10:36	LB	
SM 2540 C	Residue-filterable (TDS)	Α	225 mg/L	1	10.0	BDA3385	01/30/2020 17:28	AKA	
EPA 200.7	Sodium	Α	18.4 mg/L	1	4.06	BDA3268	01/27/2020 14:18	TBB	
SM 2550 B	Temperature °C Field	N	23.0 °C	1	1.00	BDA2690	01/21/2020 10:36	LB	







PWS_0450108_AC_20200121_WQP Analysis Report

Sample Matrix

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Laboratory Sample Results (Continued)

Lab Sample ID 20A3053-03RE1

Facility ID PBCU003

Sample Point ID EWQP

Sample Location 2088 fm 949 Plant 3 PT

Sample Type Grab

PBCU003	Sampled	01/21/2020 10:36
EWQP	Collected by	lisa Brooks
2088 fm 949 Plant 3 PT	Received	01/21/2020 13:43

Method	Analyte	*	Result Units	DF	MRL	Batch	Analyzed	Analyst	DQ
EPA 300.0	Chloride (Rerun)	А	19.8 mg/L	1	0.400	BDA3030	01/23/2020 05:30	EM	
EPA 300.0	Sulfate (Rerun)	Α	2.74 mg/L	1	1.00	BDA3030	01/23/2020 05:30	EM	

lisa Brooks

01/21/2020 10:20

01/21/2020 13:43



TCEQ-TOX T104704202-20-14



PWS_0450108_AC_20200121_WQP Analysis Report

Sample Matrix

Collected by

Sampled

Received

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Laboratory Sample Results (Continued)

Lab Sample ID 20A3053-04

Facility ID DS01

Sample Point ID

DSTWQP

Sample Location 2088 FM 949 Outside HB near Dispatch

Sample Type Grab

Method	Analyte	*	Result Units	DF	MRL	Batch	Analyzed	Analyst	DQ
SM 2320 B	Alkalinity as CaCO3	Α	118 mg/L	1	10.0	BDA2764	01/22/2020 18:08	NJA	
EPA 200.7	Calcium	N	38.8 mg/L	1	1.02	BDA3268	01/27/2020 14:21	ТВВ	
SM 2510 B	Conductivity	Α	285 umhos/cm @ 25 °C	1	2.00	BDA2764	01/22/2020 18:08	NJA	
SM 2340 B	Hardness		109 mg/L	1	6.71	[CALC]	01/27/2020 14:21	ТВВ	
EPA 200.7	Iron	Α	<0.0305 mg/L	1	0.0305	BDA3268	01/27/2020 14:21	TBB	
EPA 200.7	Magnesium	Α	2.98 mg/L	1	1.02	BDA3268	01/27/2020 14:21	TBB	СВ
EPA 200.7	Manganese	Α	<0.0102 mg/L	1	0.0102	BDA3268	01/27/2020 14:21	TBB	
SM 4500-H+ B	рН	N	7.90 pH Units @ 25 °C	1	1.00	BDA2690	01/21/2020 10:20	LB	
SM 2540 C	Residue-filterable (TDS)	Α	202 mg/L	1	10.0	BDA3385	01/30/2020 17:28	AKA	
EPA 200.7	Sodium	Α	15.7 mg/L	1	4.06	BDA3268	01/27/2020 14:21	TBB	
SM 2550 B	Temperature °C Field	N	23.0 °C	1	1.00	BDA2690	01/21/2020 10:20	LB	

lisa Brooks

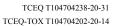
01/23/2020 06:50

01/21/2020 10:20

01/21/2020 13:43

ΕM







PWS_0450108_AC_20200121_WQP Analysis Report

Sample Matrix

Sampled

Received

1.00

Collected by

BDA3030

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Laboratory Sample Results (Continued)

Lab Sample ID 20A3053-04RE1

Sulfate (Rerun)

Facility ID DS01

Sample Point ID DSTWQP

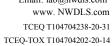
Sample Location 2088 FM 949 Outside HB near Dispatch

Sample Type Grab

EPA 300.0

7,77	Glab								
Method	Analyte	*	Result Units	D	F MRL	Batch	Analyzed	Analyst	DQ
EPA 300.0	Chloride (Rerun)	А	12.3 mg/L	1	0.400	BDA3030	01/23/2020 06:50	EM	

3.34 mg/L





Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Quality Control

Metals, Total

		Reporting		Spike	Source		%REC		RPD
Analyte	Result Qual	Limit	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BDA3268 - Direct Anal	ysis 200.7								
Blank (BDA3268-BLK1)				Prepared 8	Analyzed: 01	/27/2020			
Calcium	<1.02	1.02	mg/L		•				
Iron	< 0.0305	0.0305	mg/L						
Magnesium	<1.02	1.02	mg/L						
Manganese	<0.0102	0.0102	mg/L						
Sodium	<4.06	4.06	mg/L						
LCS (BDA3268-BS1)				Prepared 8	Analyzed: 01	/27/2020			
Calcium	49.7	1.02	mg/L	50.0	,	99.4	85-115		
Iron	1.49	0.0305	mg/L	1.50		99.2	85-115		
Magnesium	49.8	1.02	mg/L	50.0		99.6	85-115		
Manganese	0.254	0.0102	mg/L	0.250		101	85-115		
Sodium	99.8	4.06	mg/L	100		99.8	85-115		
Duplicate (BDA3268-DUP1)	Source:	20A3048-01		Prepared 8	Analyzed: 01	/27/2020			
Calcium	38.1	1.02	mg/L		37.9			0.455	20
Iron	0.0218	0.0305	mg/L		0.0219			0.510	20
Magnesium	6.67	1.02	mg/L		6.69			0.333	20
Manganese	0.00475	0.0102	mg/L		0.00475			0.00	20
Sodium	62.8	4.06	mg/L		61.8			1.65	20
Duplicate (BDA3268-DUP2)	Source:	20A3048-11		Prepared 8	Analyzed: 01	/27/2020			
Calcium	35.5	1.02	mg/L		35.3			0.531	20
Iron	0.293	0.0305	mg/L		0.295			0.462	20
Magnesium	7.69	1.02	mg/L		7.70			0.122	20
Manganese	0.0375	0.0102	mg/L		0.0377			0.459	20
Sodium	65.7	4.06	mg/L		67.5			2.77	20
MRL Check (BDA3268-MRL1)				Prepared 8	Analyzed: 01	/27/2020			
Calcium	2.16	1.02	mg/L	2.00		108	70-130		
Iron	0.0630	0.0305	mg/L	0.0600		105	70-130		
Magnesium	2.13	1.02	mg/L	2.00		107	70-130		
Manganese	0.0104	0.0102	mg/L	0.0100		104	70-130		
Sodium	4.39	4.06	mg/L	4.00		110	70-130		

TCEQ T104704238-20-31 TCEQ-TOX T104704202-20-14



PWS_0450108_AC_20200121_WQP Analysis Report

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

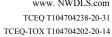
 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Quality Control (Continued)

Metals, Total (Continued)

		Reporting		Spike	Source		%REC		RPD
Analyte	Result Qual	Limit	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BDA3268 - Direct Analys	is 200.7 (Continu	ued)							
Matrix Spike (BDA3268-MS1)	-	: 20A3048-01		Prepared 8	k Analyzed: 01	/27/2020			
Calcium	86.9	1.02	mg/L	50.0	37.9	98.0	70-130		
Iron	1.48	0.0305	mg/L	1.50	0.0219	97.2	70-130		
Magnesium	55.4	1.02	mg/L	50.0	6.69	97.3	70-130		
Manganese	0.255	0.0102	mg/L	0.250	0.00475	100	70-130		
Sodium	160	4.06	mg/L	100	61.8	97.9	70-130		
Matrix Spike (BDA3268-MS2)	Source	: 20A3048-11		Prepared 8	k Analyzed: 01	/27/2020			
Calcium	84.5	1.02	mg/L	50.0	35.3	98.5	70-130		
Iron	1.72	0.0305	mg/L	1.50	0.295	94.8	70-130		
Magnesium	55.9	1.02	mg/L	50.0	7.70	96.5	70-130		
Manganese	0.282	0.0102	mg/L	0.250	0.0377	97.7	70-130		
Sodium	165	4.06	mg/L	100	67.5	97.0	70-130		
Dilution Check (BDA3268-SRL1)	Source	: 20A3048-01		Prepared 8	k Analyzed: 01	/27/2020			
Calcium	38.2	5.08	mg/L	·	37.9			0.831	10
Iron	0.0224	0.152	mg/L		0.0219			1.97	10
Magnesium	6.77	5.08	mg/L		6.69			1.23	10
Manganese	0.00340	0.0510	mg/L		0.00475			33.1	10
Sodium	55.4	20.3	mg/L		61.8			10.9	10
Dilution Check (BDA3268-SRL2)	Source	: 20A3048-11		Prepared 8	k Analyzed: 01	/27/2020			
Calcium	35.8	5.08	mg/L		35.3			1.46	10
Iron	0.298	0.152	mg/L		0.295			1.18	10
Magnesium	7.89	5.08	mg/L		7.70			2.42	10
Manganese	0.0373	0.0510	mg/L		0.0377			1.11	10
Sodium	66.8	20.3	mg/L		67.5			1.05	10





Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

5042 Gessner Rd PWS TX ID: 0450108 Reported: Houston, TX 77041 Project Manager: Lisa Brooks 11/06/2020 16:12

Quality Control (Continued)

General Chemistry

		Reporting		Spike	Source		%REC		RPD
Analyte	Result Qual	Limit	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BDA2762 - EPA 300.0									
MRL Check (BDA2762-MRL1)				Prepared 8	Analyzed: 01	/21/2020			
Sulfate	0.926	1.00	mg/L	1.00		92.6	50-150		
Chloride	0.952	0.400	mg/L	1.00		95.2	50-150		
Batch: BDA2764 - Alkalinity									
Blank (BDA2764-BLK1)				Prepared 8	Analyzed: 01	/22/2020			
Conductivity	<2.00	2.00	umhos/cm @ 25 °C						
LCS (BDA2764-BS1)				Prepared 8	Analyzed: 01	/22/2020			
Conductivity	1430		umhos/cm @ 25 °C	1410		101	90-110		
LCS (BDA2764-BS2)				Prepared 8	Analyzed: 01	/22/2020			
Conductivity	518		umhos/cm @ 25 °C	500		104	90-110		
LCS (BDA2764-BS3)				Prepared 8	Analyzed: 01	/22/2020			
Conductivity	270	2.00	umhos/cm @ 25 °C				90-110		
Alkalinity as CaCO3	98.7		mg/L	100		98.7	90-110		
LCS (BDA2764-BS4)				Prepared 8	Analyzed: 01	/22/2020			
Conductivity	50800	2.00	umhos/cm @ 25 °C				90-110		
Duplicate (BDA2764-DUP1)	Source:	20A3048-03		Prepared 8	Analyzed: 01	/22/2020			
Conductivity	501	2.00	umhos/cm @ 25 °C		504			0.597	15
Alkalinity as CaCO3	171	10.0	mg/L		171			0.491	15
Duplicate (BDA2764-DUP2)	Source:	20A3048-02		Prepared 8	Analyzed: 01	/22/2020			
Alkalinity as CaCO3	187	10.0	mg/L		183			2.25	15
Conductivity	563	2.00	umhos/cm @ 25 °C		560			0.534	15

TCEQ T104704238-20-31 TCEQ-TOX T104704202-20-14



PWS_0450108_AC_20200121_WQP Analysis Report

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

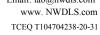
 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

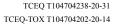
 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Quality Control (Continued)

General Chemistry (Continued)

		Reporting		Spike	Source		%REC		RPD
Analyte	Result Qua	al Limit	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BDA3030 - EPA 300.0									
Duplicate (BDA3030-DUP1)	Sou	ırce: 20A0297-02		Prepared 8	Analyzed: 01	1/23/2020			
Sulfate	10.2	1.00	mg/L		10.2			0.176	15
Chloride	184	0.400	mg/L		184			0.0511	15
Duplicate (BDA3030-DUP2)	Sou	ırce: 20A3053-03RE1	L	Prepared 8	Analyzed: 01	1/23/2020			
Chloride	19.7	0.400	mg/L		19.8			0.526	15
Sulfate	2.72	1.00	mg/L		2.74			0.732	15
MRL Check (BDA3030-MRL1)				Prepared 8	Analyzed: 01	1/23/2020			
Sulfate	0.983	1.00	mg/L	1.00		98.3	50-150		
Chloride	1.01	0.400	mg/L	1.00		101	50-150		
Matrix Spike (BDA3030-MS1)	Sou	ırce: 20A0297-02		Prepared 8	Analyzed: 01	1/23/2020			
Sulfate	53.0	1.11	mg/L	44.4	10.2	96.2	80-120		
Chloride	235	0.444	mg/L	44.4	184	116	80-120		
Matrix Spike (BDA3030-MS2)	Sou	ırce: 20A3053-03RE1	L	Prepared 8	Analyzed: 01	1/23/2020			
Chloride	67.9	0.444	mg/L	44.4	19.8	108	80-120		
Sulfate	45.1	1.11	mg/L	44.4	2.74	95.2	80-120		
Batch: BDA3385 - TDS									
Blank (BDA3385-BLK1)			Pr	epared: 01/28	/2020 Analyze	ed: 01/30/20	20		
Residue-filterable (TDS)	<10.0	10.0	mg/L	,, , , , ,	,	- ,,			
LCS (BDA3385-BS1)			Pr	epared: 01/28	/2020 Analyze	ed: 01/30/20	20		
Residue-filterable (TDS)	155	10.0	mg/L	150	•	103	90-110		







Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Quality Control (Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BDA3385 - TDS (Continued)										
Duplicate (BDA3385-DUP1)		Source: 20	0A3048-11	Pre	epared: 01/28/	'2020 Analyze	ed: 01/30/20	20		
Residue-filterable (TDS)	311		10.0	mg/L		310			0.322	10
Duplicate (BDA3385-DUP2)		Source: 20	DA3117-01	Pre	epared: 01/28/	′2020 Analyze	ed: 01/30/20	20		
Residue-filterable (TDS)	479		10.0	mg/L		486			1.45	10
Batch: BDA3785 - EPA 300.0										
Duplicate (BDA3785-DUP1)		Source: 20	0A3048-01		Prepared &	Analyzed: 01	./31/2020			
Sulfate	15.9		1.00	mg/L		15.7			1.36	15
Duplicate (BDA3785-DUP2)		Source: 20	DA3048-11RE1		Prepared &	Analyzed: 02	2/01/2020			
Sulfate	14.4		1.00	mg/L		14.4			0.257	15
MRL Check (BDA3785-MRL1)					Prepared &	Analyzed: 01	/31/2020			
Sulfate	1.03		1.00	mg/L	1.00		103	50-150		
Matrix Spike (BDA3785-MS1)		Source: 20	DA3048-01		Prepared &	Analyzed: 01	/31/2020			
Sulfate	55.9		1.00	mg/L	40.0	15.7	100	80-120		
Matrix Spike (BDA3785-MS2)		Source: 20	DA3048-11RE1		Prepared &	Analyzed: 02	1/01/2020			
Sulfate	53.3		1.00	mg/L	40.0	14.4	97.3	80-120		



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North Water District Laboratory Services, Inc.

PWS_0450108_AC_20200121_WQP Analysis Report

Strike Water Services Project: Boral Concrete Products Alleyton Plant - WQP

 5042 Gessner Rd
 PWS TX ID: 0450108
 Reported:

 Houston, TX 77041
 Project Manager: Lisa Brooks
 11/06/2020 16:12

Term and Qualifier Definitions

|--|

CB Associated calibration blank QC is outside the established quality control criteria - data not affected and acceptable to report.

RPD Relative Percent Difference

%REC Percent Recovery

Source Sample that was matrix spiked or duplicated

* A = Accredited, N = Not Accredited or Accreditation not available

DF Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content

MDL Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the

analytical procedure following 40 CFR Part 136 Appendix B.

SDL Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that

the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and

volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.

MRL Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation

and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.

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LRL Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of

quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights

and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.