

**STATE OF MINNESOTA - DEPARTMENT OF TRANSPORTATION
OFFICE OF MATERIALS AND ROAD RESEARCH
ASR 14 DAY EXPANSION**

TEST METHOD MN/DOT MODIFIED ASTM C - 1260

PIT NUMBER: 01136

JOHNSON PIT

DATE OF REPORT: 5/23/2022

Unmitigated 14 Day ASR for this pit: 0.244

SAMPLE ID: CA990111

SUBMITTED BY:

FUTURE USE

FIELD ID:

DATE SAMPLED:

NUMBER	CEMENT	PCT_FLYASH	FLYASH	ASR DAY14
ASR99001	HOLNAM-MASON CITY			0.239
ASR99002	HOLNAM-MASON CITY	20	NSP EAGAN	0.14
ASR99003	HOLNAM-MASON CITY	20	COAL CREEK	0.05
ASR99004	HOLNAM-MASON CITY	35	SLAG	0.071
ASR99005	LAFARGE-DAVENPORT			0.248
ASR99006	LAFARGE-DAVENPORT	20	NSP EAGAN	0.157
ASR99007	LAFARGE-DAVENPORT	20	COAL CREEK	0.04
ASR99008	LAFARGE-DAVENPORT	35	SLAG	0.057

SAMPLE ID: CO-AR13-0001

SUBMITTED BY:

THOMAS BOSER

FIELD ID: ASR-1

DATE SAMPLED:

NUMBER	CEMENT	PCT_FLYASH	FLYASH	ASR DAY14
4	HOLCIM-ST. GENEVIEVE	30	MARTIN LAKE	0.0370
5	HOLCIM-ST. GENEVIEVE	30	COAL CREEK	0.0337
7	LAFARGE-DAVENPORT	30	ELM ROAD	0.0253
9	LAFARGE-DAVENPORT	30	MARTIN LAKE	0.0317
10	LAFARGE-DAVENPORT	30	COAL CREEK	0.0320
12	DACOTAH-RAPID CITY			0.2027
3	HOLCIM-ST. GENEVIEVE	30	COLUMBIA	0.1187
11	LEHIGH-MASON CITY			0.2677
1	HOLCIM-ST. GENEVIEVE			0.2563
2	HOLCIM-ST. GENEVIEVE	30	ELM ROAD	0.0260
6	LAFARGE-DAVENPORT			0.2727
8	LAFARGE-DAVENPORT	30	COLUMBIA	0.0827

SAMPLE ID: CA050179

SUBMITTED BY:

VARIOUS

FIELD ID:

DATE SAMPLED:

NUMBER	CEMENT	PCT_FLYASH	FLYASH	ASR DAY14
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ASR 14 DAY EXPANSION**

TEST METHOD MN/DOT MODIFIED ASTM C - 1260

PIT NUMBER: 01136

JOHNSON-CEMSTONE

DATE OF REPORT: 5/23/2022

Unmitigated 14 Day ASR for this pit: 0.244

ASR05287	HOLCIM-MASON CITY			0.258
ASR05288	HOLCIM-MASON CITY	20	NSP EAGAN	0.185
ASR05289	HOLCIM-MASON CITY	20	COAL CREEK	0.084
ASR05290	HOLCIM-MASON CITY	35	SLAG	0.0883
ASR05291	LAFARGE-DAVENPORT			0.221
ASR05292	LAFARGE-DAVENPORT	20	NSP EAGAN	0.166
ASR05293	LAFARGE-DAVENPORT	20	COAL CREEK	0.0503
ASR05294	LAFARGE-DAVENPORT	35	SLAG	0.0493
ASR05295	LAFARGE-SUGAR CREEK			0.266
ASR05296	LEHIGH-MASON CITY			0.2037
