



A U.S. CONCRETE COMPANY 

February 18, 2019

City of Grand Prairie
David P. Jones, AICP
Chief City Planner
206 W. Church St.
Grand Prairie, TX 75050

RE: Redi-Mix Concrete Batch Plant – Grand Prairie (Operational Statement)

Mr. Jones,

Please let this document serve as the Redi-Mix Operational Statement. Redi-Mix, LLC—a wholly owned subsidiary of U.S. Concrete, Inc.—operates 23 permanent concrete plants and 8 portable concrete plants in the DFW area. Redi-Mix serves over 500 customers each year and has been a leading supplier of ready-mixed concrete in North Texas for over 30 years.

This Grand Prairie plant will usually operate:

- from 1:00 a.m. to 7:00 p.m. during the warmer months;
- from 5:00 a.m. to 8:00 p.m. during the colder months; or
- as allowed by City ordinance.

Operations typically slow down by 1:00 p.m. However, Redi-Mix would like to make this plant available for 24-hour operation as necessary to accommodate client demand.

This plant will serve as the hub for 12 mixer trucks that each haul 10 cubic yards of concrete within a 15-mile radius. 18-wheeler trucks will deliver concrete mix materials to the plant.

Like other Redi-Mix concrete batch plants, this plant will include a water retention pit system to recycle water for on-site use. To maintain the pit's specified water surface level, Redi Mix must occasionally release some water. Before releasing water from the pit, Red-Mix pH-balances the water per TCEQ standards.

Redi-Mix concrete batch plants' dust control measures include:

- air filters and a central dust collection system to capture and recycle the plant's dust back into the concrete mix;
- routinely washing the mixer trucks water-spraying the stockpiled aggregate materials;
- limiting vehicular traffic to paved areas; and
- operating sweeper and vacuum trucks as needed.

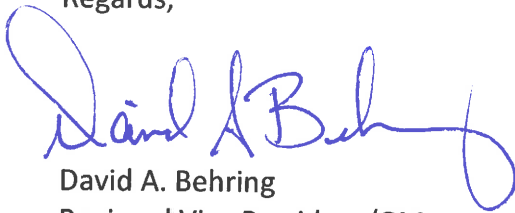


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This package includes: photos of existing Redi-Mix batch plant facilities; Redi-Mix's environmental control checklist and standard air permit amendment for concrete batch plants; TCEQ's concrete batch plant registration checklist and air permitting timeline; and a site layout and process flow diagram of the concrete batch plant to be installed at this Grand Prairie location.

Please contact me with any questions.

Regards,

A handwritten signature in blue ink, appearing to read "David A. Behring".

David A. Behring
Regional Vice President/GM



*U.S. CONCRETE HUNTER FERRELL
BATCH PLANT OFFICE ELEVATION*

U.S. CONCRETE HUNTER FERRELL EXISTING CONCRETE BATCH PLANT PHOTOS



WATER RETENTION PIT



CONCRETE BATCH PLANT OFFICE



ABOVE GROUND FUEL TANK



AGGREGATE MATERIAL STOCKPILE BINS

MULTIPLE COMPARTMENT SILO

Standard Equipment

- (1) Multiple compartment silo: with 4" thick double wall partition with penetration check plug in wall. (4" wall will reduce total capacity of silo approx. 4%)
- (2) One safety pressure-relief valve with cover mounted on top of each compartment.
- (3) One 4" diameter fill line with camlock coupling on each compartment.
- (4) Aeration diffusers (rectangle) in each cone with electric solenoid and filter regulator.
- (5) Aeration blower strongly recommended.
- (6) Outside ladder and safety cage, with toeboard and pipe handrails around top of silo.
- (7) Expanded metal service platform around batcher.
- (8) Inspection hatch on top of each compartment.
- (9) 10" butterfly valve on each cone, with actuator and electric solenoids.
- (10) Manual emergency slide gate on each cone of silo.
- (11) Top mounted hi & low material level indicators in each compartment with lighted signals in control box.
- (12) SOS-1020: Silo cartridge vent, one (1) on each compartment.



EMPIRE SERIES RECTANGLE CEMENT SILO (8,000 CU. FT. SHOWN)

EMPIRE RECTANGLE SILO DESCRIPTION	DIM. "A"	DIM. "B"	DIM. "C"
1,341 BBL. 5,364 CU. FT. CEMENT BIN	56'-1"	51'-2 7/16"	3'-9 3/16"
1,605 BBL. 6,420 CU. FT. CEMENT BIN	58'-9"	53'-10 7/16"	6'-5 3/16"
2,000 BBL. 8,000 CU. FT. CEMENT BIN	62'-9"	57'-10 7/16"	10'-5 3/16"
2,500 BBL. 10,000 CU. FT. CEMENT BIN	67'-11"	63'-0 7/16"	15'-7 3/16"

