



**WEAVER GENERAL CONSTRUCTION COMPANY**  
 3679 S. Huron St., Suite 404  
 Englewood, CO 80110  
 Phone: (303) 789-4111 FAX: (303) 789-4310

**SUBMITTAL TRANSMITTAL**

July 8, 2011

**WGC Submittal No: 03600-002**

**PROJECT:** **Harold Thompson Regional WRF**  
 Birdsall Rd.  
 Fountain, CO 80817  
 Job No. 2908

**ENGINEER:** **GMS, Inc.**  
 611 No. Weber St., #300  
 Colorado Springs, CO 80903  
 719-475-2935 Roger Sams

**OWNER:** **Lower Fountain Metropolitan  
 Sewage Disposal District**  
 901 S. Santa Fe Ave.  
 Fountain, CO 80817  
 719-382-5303 James Heckman

**CONTRACTOR:** **Baker Concrete Construction**  
 1904 Jasper Street  
 Aurora, CO 80011  
 937-536-9000 Nick Dewald

**SUBJECT:** Injectable Grout - Mountain Grout Ultra

*Note: This product is not a substitute for previously approved grout products, that it is only intended for leak repairs during/following hydrostatic testing of liquid containing structures.*

**SPEC SECTION:** 03600: Grout

**PREVIOUS SUBMISSION DATES:** None

**DEVIATIONS FROM SPEC:** \_\_\_ YES X NO

**CONTRACTOR'S STAMP:** This submittal has been reviewed by Weaver General Construction and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

**Contractor's Stamp:**

Date: 7/8/11  
 Reviewed by: H.C. Myers  
 ( X ) Reviewed Without Comments  
 ( ) Reviewed With Comments

**ENGINEER'S  
 COMMENTS:**

**Engineer's Stamp:**



**Letter of Transmittal/Submittal**

FROM: 

<b>Baker Concrete Construction</b>
1904 Jasper Street
Aurora, CO 80011
303.367.8111
Nick Dewald 937.536.9000

DATE	<b>07/05/11</b>	JOB NUMBER	<b>9921</b>
ATTENTION	<b>John Jacob/Leslie Brown</b>		
RE:	<b>Harold Thompson Regional WRF</b>		
TR#	<b>03300-022</b>	SM#	<b>03300-008C</b>

TO: **John Jacob/Leslie Brown**  
**Weaver General Construction Co.**  
**3679 South Huron St., Suite 404**  
**Englewood, CO 80110**  
**john@weavergc.com / leslie@weavergc.com**

We are sending you: 

<b>ATTACHED</b>
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 via 

<b>EMAIL</b>
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 the following: 

<b>SPECIFICATION</b>

COPIES	DATE	PAGES	Description
<b>1</b>	<b>7/5/2011</b>	<b>2</b>	<b>Injectable Grout - Green Mountain International, Mountain Grout Ultra</b>

THESE ARE TRANSMITTED as noted below:

<b>FOR APPROVAL</b>	

REMARKS **BCCI proposes to use Mountain Grout Ultra as an injectable grout on the Aeration Basin, Digester and Headworks buildings.**

COPY TO **File** SIGNED: Nick Dewald  
 Baker Concrete Construction, Inc.

If enclosures are not as noted, kindly notify us at once

# Technical Data Sheet

Mountain Grout  
**ULTRA**

Mountain Grout Ultra is a moderate viscosity hydrophobic polyurethane formulation with high elongation properties for sealing leaking cracks or joints where some movement is possible. The system is comprised of a base resin along with an accelerator "B" component. The "B" Accelerator is used by the experienced installer to manipulate the reaction profile as warranted by job site conditions. Being a hydrophobic formulation, when reacted with minimal amounts of water, the resulting foam will maintain its physical form and not be subject to shrinkage due to wet/dry cycles. When injected into wet cracks, Ultra produces a closed cell foam.

Physical Properties Liquid			
	Ultra	"B" Accelerator	Test Method
Viscosity	650 cps	25cps	ASTM D-1638
Specific Gravity	1.07	0.95	ASTM D-1475
Color	pale yellow	Clear	
Flash point	>250F	225°F	ASTM D-92
Solid-Cured			
Density	14 lbs/ft <sup>3</sup>		ASTM D-1622
Elongation	300%		ASTM D-638
Tensile	300 psi		ASTM D-638
Toxicity	non-toxic		

## Typical Applications

- Water related Facilities
- Waste Treatment Plants
- Storm Water Systems
- Underground Vaults
- Manhole Facilities
- Concrete Dams
- Tunnels
- Earthen Dams
- Elevator Pits
- Parking Garages

## Advantages

- 100 % solids
- No VOC's
- Expands up to 25 times initial volume
- Pumps as a single component
- Controllable reaction times
- Excellent resistance and durability
- Outstanding adhesion
- Non-hazardous shipping
- Non-flammable
- Cures inert, non-toxic permanent seal

## Use of MG Accelerator "B" Component

The reaction profile is adjusted prior to pumping by the addition of Accelerator "B" into the base resin and is affected by temperature and the amount of moisture encountered. At 1.25 % (1/2 pint per five gallons) the expansion will start in about 50 seconds and be complete in about 5 minutes after encountering water. At 2.5 % (1 pint per five gallons) the expansion will start at 30 seconds and be complete at about 3 minutes. These reaction times were determined at 77° F.



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MEMBER OF  
**INTERNATIONAL  
CONCRETE REPAIR  
INSTITUTE**

**Application Equipment:** Contact Green Mountain International, LLC for equipment recommendations for the particular application and conditions.

**Personal Protection:** Read MSDS for complete details. For professional use only. Avoid breathing vapors - Use in well ventilated area only or use self-contained respiratory protection in confined spaces. Avoid skin contact – wear protective gloves. Avoid eye contact – wear eye protection. Do not ingest.

**First Aid:** In case of eye contact, flush with large amounts of water and get medical attention. For skin contact, wipe excess liquid from skin and wash with soap and water. If breathing is difficult, give oxygen and get medical attention.

**Storage and Shelf Life:** Product is moisture sensitive. Store in original sealed containers at temperatures between 60° and 90° F (15 – 32°C). Opened containers must be handled properly to prevent moisture contamination. Shelf life is 12 months when properly stored.

**Clean up of Spills or Leakage:** With adequate ventilation and appropriate personal protective equipment, cover the spill area with absorbent material such as clay, or vermiculite and transfer to metal waste containers. **DO NOT RESEAL CONTAINER AS REACTION OF CONTAMINATED MATERIAL CAN CREATE PRESSURE.** Wash area with decontamination solution (5-10 % solution of sodium carbonate). Dispose of waste in accordance with Federal, State and local regulations.

**Shipping Information:** Shipping Class USDOT Class 55; USDOT Hazard Classification: Non-hazardous

**Warranty Information:** "This limited warranty is limited to the replacement of the materials which are defective. Green Mountain International, LLC makes no other warranty, express or implied, and makes no warranty of merchantability or fitness for a particular purpose. This limited warranty does not include any transportation charges or costs of installation or any liability for direct, indirect, consequential, or punitive damages or delay, whether or not the undersigned has been advised of such claims. **THE FOREGOING LIMITED WARRANTY IS THE SOLE WARRANTY FOR THE PRODUCT. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**"



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